



UWI

MONA CAMPUS
JAMAICA, WEST INDIES

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DEPARTMENTAL REPORTS

2022–2023

REPORT TO CAMPUS COUNCIL, MONA
AND TO COUNCIL
FOR YEAR ENDING JULY 31, 2023



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JAMAICA, WEST INDIES

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**REPORT TO CAMPUS COUNCIL, MONA
AND TO COUNCIL
FOR YEAR ENDING JULY 31, 2023**

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UWI
MONA CAMPUS
JAMAICA, WEST INDIES

Our Mission

TO ADVANCE LEARNING, CREATE KNOWLEDGE AND
FOSTER INNOVATION FOR THE POSITIVE TRANSFORMATION
OF THE CARIBBEAN AND THE WIDER WORLD.

Our Vision

AN EXCELLENT GLOBAL UNIVERSITY ROOTED IN
THE CARIBBEAN

Our Core Values

INTEGRITY | EXCELLENCE | GENDER JUSTICE | DIVERSITY |
STUDENT CENTREDNESS | FINANCIAL SUSTAINABILITY

Our Strategic Pillars

ACCESS | ALIGNMENT | AGILITY



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FACULTY OF ENGINEERING Mona

Year ending July 31, 2023



**DR. ADRIAN LAWRENCE
PH.D., M.SC., B.SC., P.E.
DEAN**

Dean's Overview

The 2022–2023 Academic Year for the Faculty of Engineering (FOE) marked the return, for the first time since the onset of Covid-19, of full face-to face delivery of lectures, laboratory exercises and practical components of courses and saw the Faculty of Engineering (FOE) continue to effect changes to the curricula of all four of its Bachelor of Science degree programmes as a part of the ongoing endeavour to continuously assess and improve course content, remain in step with industry standards, bring them in alignment with recommendations from international accreditors ABET, while maintaining the teaching and learning objectives of the Faculty.

The FOE's intent to create a world class teaching and research facility; forging strong synergies with our industrial and commercial partners is still in focus. The Faculty's outreach and growing impact in Jamaica and the wider Caribbean region resulted in an increase in the total number of applications to the Faculty in Academic Year 2022/2023 with a total of 420 applicants versus 353 in Year 2021/2022, resulting in a 1.71% increase in the total number of new students registered when compared to the Academic Year 2021/2022. There was, however, an 11.3% reduction in the number of returning students which resulted in the total registration in the Faculty moving from three hundred and twelve (312) students in 2021/2022 to two hundred and ninety two (292) students in 2022/2023 (-6.41%).

As in previous years, the Civil Engineering degree programme registered the highest number of new students of all the degree programmes. Table 1 shows a breakdown of total student registration by programme as well as a breakdown of the total registrations in terms of new students versus returning students.

Table 1: Breakdown of Student Registration

Preliminary Engineering	47
Biomedical Engineering	52
Civil Engineering	107
Electrical Power Engineering	37
Electronics Engineering	49
New students	119
Returning Students	173
Total in Programme	292

The Faculty Team – administrative, technical and support staff – continued to work in tandem with lecturers to ensure that the student experience remained at a high and superior standard to that of most other institutions, and remain at the forefront in propelling growth, development and innovation in the Caribbean and the world.

The following accomplishments mirrored the guiding pillars of the University.

ACCESS

STUDENT ACHIEVEMENT

Prizes Awarded to Students

The Ministry of Education, Youth and Information continues to make the scholarships available to Engineering students. This year, Ms. Sasha Gay-Wright, Dr. Roxann Stennett-Brown, Dr. DaVaugh Sanderson and Dr. Omar Thomas served on the panel of interviewers for the MathScience TVET Education & Engineering (MSTVETT) Scholarship. Thirty-six (36) engineering students were awarded full tuition scholarships which represents a 100% increase over the eighteen (18) scholarships awarded to engineering students in Academic Year 2022/2023. Table 2 shows the distribution of the 2023/2024 awardees by programme most recent list of the number of awardees by programme is shown below:

Table 2: MSTVETT Scholarships Awarded to the Faculty of Engineering

Programme of choice	Number of new students receiving scholarships
Biomedical Engineering	5
Civil Engineering	12
Electrical Power Engineering	9
Electronics Engineering	2
Preliminary Engineering	8
TOTAL	36

Outreach-Open Day

The Faculty of Engineering hosted its Open day on Thursday, March 30, 2023. Over 36 schools from across Jamaica were invited to participate and the event was advertised on both The UWI Mona and the Faculty of Engineering Social Media pages.

The day started with a morning information session with over 100 students from Calabar, Wolmer's High School for Boys, Wolmer's High School for Girls, Meadowbrook High, Queens High, and Waterford High in attendance. Presentations were made by the Dean, Dr. Adrian Lawrence, Deputy Deans Dr. Omar Thomas, Dr. Roxann Stennett-Brown, Dr. Lindon Falconer, and Head of Biomedical Engineering Ms. Sasha-Gay Wright. Prizes were awarded to participants who successfully answered questions asked about the presentations. Participants were broken down into groups to facilitate tours of the Electronics and Civil Engineering Laboratories, which were staggered along with lunch time, to allow everyone an opportunity to see the labs and ask questions. Engineering Classroom B was transformed into an Exhibit Hall, and the visitors were invited in to view the exhibits and demonstrations which were manned and managed by Engineering students. After a three year hiatus due to the Covid-19 pandemic, the return of Engineering Open Day proved to be quite successful with the 2023 staging being our largest in terms of attendance.

High Schools Visits

The Faculty's Outreach Team led by Dr. Omar Thomas, joined the Mona Campus' Marketing Recruitment and Communications Team as it conducted several high school visits during the academic year. All school visits were conducted face-to-face. Some of the schools visited were: St. Andrew High School (grade 13), Wolmer's High School for Girls (grades 12 & 13), St. George's College, Kingston College, and Immaculate Conception High School.

TEACHING AND LEARNING

Taught Graduate Degrees

The Faculty's taught master's degree, the M.Sc. Engineering and Management, entered its second year in Academic Year 2022/2023 with four (4) new students in addition to three returning students enrolled. The programme, which is delivered in collaboration with the Mona School of Business and Management offers practical and theoretical knowledge of modern engineering, along with a solid grounding in management techniques and their application to the field of engineering. The students sat courses in Engineering Project Management, Business Analytics, Financial & Managerial Accounting, Global Supply Chain Management, Quantitative Methods and Statistical Techniques, Strategic Human Resource Management, and discipline specific courses Digital Signal Processing, Advanced Structural Engineering, and Advanced Transportation.

Summer School

The Faculty of Engineering offered and delivered its second Summer School programme from May 29, 2023 to July 7, 2023. The courses available to the students were ENGR0120 Preliminary Engineering Mathematics I, ENGR0220 Preliminary Engineering Mathematics II, ENGR1180 Engineering Mathematics I, ENGM1180 Mathematics for Engineers I, ENGM1280 Mathematics for Engineers II, MATH2230 Engineering Mathematics II and ENGM2280 Engineering Statistics.

International Accreditation

The Faculty of Engineering, Mona, submitted the Self-Study document for the Electronics Engineering Program on July 2, 2023, for the ABET reaccreditation. The self-study document contains detailed information on how the Electronics Engineering Program satisfies the eight ABET accreditation criteria. The Criteria are:

- Criterion 1. Students
- Criterion 2. Program Educational Objectives
- Criterion 3. Student Outcomes
- Criterion 4. Continuous Improvement
- Criterion 5. Curriculum
- Criterion 6. Faculty
- Criterion 7. Facilities
- Criterion 8. Institutional Support

ABET evaluators initially planned to conduct a face-to-face site visit from November 12–14, 2023. However, after consultation with the USA Embassy in Kingston, Jamaica, the ABET team decided to conduct a virtual visit. All requested data will be available on a web portal to accommodate this virtual visit.

The Electronics Engineering Programme is the only ABET-accredited programme in the Faculty of Engineering. The faculty was granted this accreditation in 2018. All the other programmes in the Faculty of Engineering are structured to operate using ABET quality assurance measures. Applications will be made to seek ABET accreditation for the other programs over the next two years.

Faculty Academic Quality Assurance

In an effort to improve our teaching and learning outcomes, three courses were submitted to the Faculty's Academic Quality Assurance Committee (FAQAC) and reviewed and corrected. Each course has been submitted for cross-campus approval from St Augustine, also feedback from both CETL and OOL. These are as follows:

- CENG 1203 – Intro to Geotechnics
- CENG 2202 – Hydrology & Water Resource Engineering
- CENG 1203 – Intro to Geotechnics

All courses were approved on April 17, 2023.

ALIGNMENT

RESEARCH AND INNOVATION

Graduate Research Degrees

In Academic Year 2022/2023, there were four (4) research focused graduate students enrolled in the Faculty of Engineering. One (1) student was pursuing a PhD and two (2) students were enrolled in MPhil programmes. The students' area of research spanned the fields of Biomedical, Civil Engineering, Electronics and Computer Engineering, and Transportation Engineering.

Students attended a total of thirteen (13) seminars for the 2022/2023 academic year. These presentations exposed graduate students to the varying research methodologies employed by lectures, and were introduced in an effort to broaden the scope of knowledge exchange within the Faculty which was intended to enhance the quality of the research output of the Faculty.

Climate Change and Global Health Conference 2022

Dr. Roxann Stennett-Brown was invited to attend the Climate Change and Global Health Conference 2022, from November 30 to December 2, 2022, at the FIU Koven's Convention Center, Miami, Florida. This was organized by The Robert Stempel College of Public Health and Social Work at the Florida International University (FIU), in partnership with the Pan American Health Organization (PAHO), the Baylor College School of Tropical Medicine and the University of Wisconsin.

Electric Vehicle Expo

The Faculty of Engineering was one of the key stakeholders for the Electric Vehicle Expo held on The University of the West Indies (UWI) Mona Campus on November 25, 2022. This event was planned and executed by the Caribbean Centre for Renewable Energy & Energy Efficiency (CCREE) with support from The UWI Mona as partners. For the event, Flash Motors Company donated, installed and commissioned an Electric Charging Station on the UWI Mona Campus. This donation provides significant opportunities for the university's research and development as well as

its promotion in the use of cleaner energy as a part of the global push to reduce the emissions of greenhouse gases. The Faculty of Engineering has negotiated for depersonalized data collected from the proposed electric charger to be made available to the university, for the purpose of research. The electric charging station can also be configured to serve as an income generator for the campus. The electric charger is located outside The UWI Administration building at the centre of the campus.

Published Research

Published research from faculty members either addressed or were geared towards finding solutions to real problems. Publications from Faculty members were as follows:

- Ellis, L.A., Leon, L.P., and Charran, A.V. (2023), “Investigating the use of Recycled Concrete Aggregates in the Construction of Structural Beams”, *West Indian Journal of Engineering*, Vol. 45, No. 2, January 2023, pp. 4–13; <https://doi.org/10.47412/XRHG1947>.
- Leon, L.P., Ellis, L.A., Martin, H.H., and Fermin, B. (2023), “Dominating Factors of Road Failures: Perceptions of Key Stakeholders in the Small Island Developing State of Trinidad and Tobago”, *West Indian Journal of Engineering*, Vol. 45, No. 2, January 2023, pp. 68–76; <https://doi.org/10.47412/MGBB4897>.
- Ellis, L. A. and A. McPherson (2023), “Impacts of COVID-19 on project constraints and contracts: housing development projects in Jamaica”, International LADR Workshop 2023. October 24–27, 2023 @ Honolulu, HI, U.S.A.

NATIONAL ENGAGEMENT AND OUTREACH

Outreach – August Town Youths

The Faculty of Engineering hosted nine (9) youths from the August Town community. Dr. Omar Thomas gave them the overall tour of the facilities. The boys’ mentors, Dr. Swane Gardener, from Kairos Network Ltd., and our Dr. Roxann Stennett-Brown were integral in facilitating this outreach activity. The boys were informed about different disciplines of engineering and were given tours of the Civil and Electronics & Electrical Power Engineering Laboratories. Thanks to our lab technician, Mr. Dennis Douglas, who gave them a tour of the Civil Engineering labs and performed laboratory demonstrations for the boys.

AGILITY

REGIONAL AND INTERNATIONAL COLLABORATION

UWI – UF Collaboration

In September 2022, the Faculty of Engineering (FoE) sent off their first transfer student to the University of Florida under the UWI-UF collaboration. After completing two (2) years in our Electronics programme in our Faculty, Jordan Hayden successfully transferred to the Herbert Wertheim College of Engineering at the University of Florida (UF) to pursue a B.Sc. Degree in Aerospace Engineering under the UWI – UF Collaboration.

Emerging Leaders in the Americas Program (ELAP) Collaboration Mission

Dr. Thomas was selected to participate in the Emerging Leaders in the Americas Program (ELAP) Collaboration Mission. As a selected delegate, he travelled with the mission to British Columbia (Victoria, Vancouver, Prince George) and Ontario (Hamilton, Guelph, Toronto) from November 6–12, 2022, and attended the CBIE's Annual Conference, which took place in Toronto from November 13 to 16, 2022. The Collaboration Mission event is sponsored by Global Affairs Canada and organized by the Canadian Bureau for International Education (CBIE). During the trip, Dr. Thomas met with key persons from other institutions with the hope to establish collaborations with their institutions. The theme of the mission was "AI & Innovation".

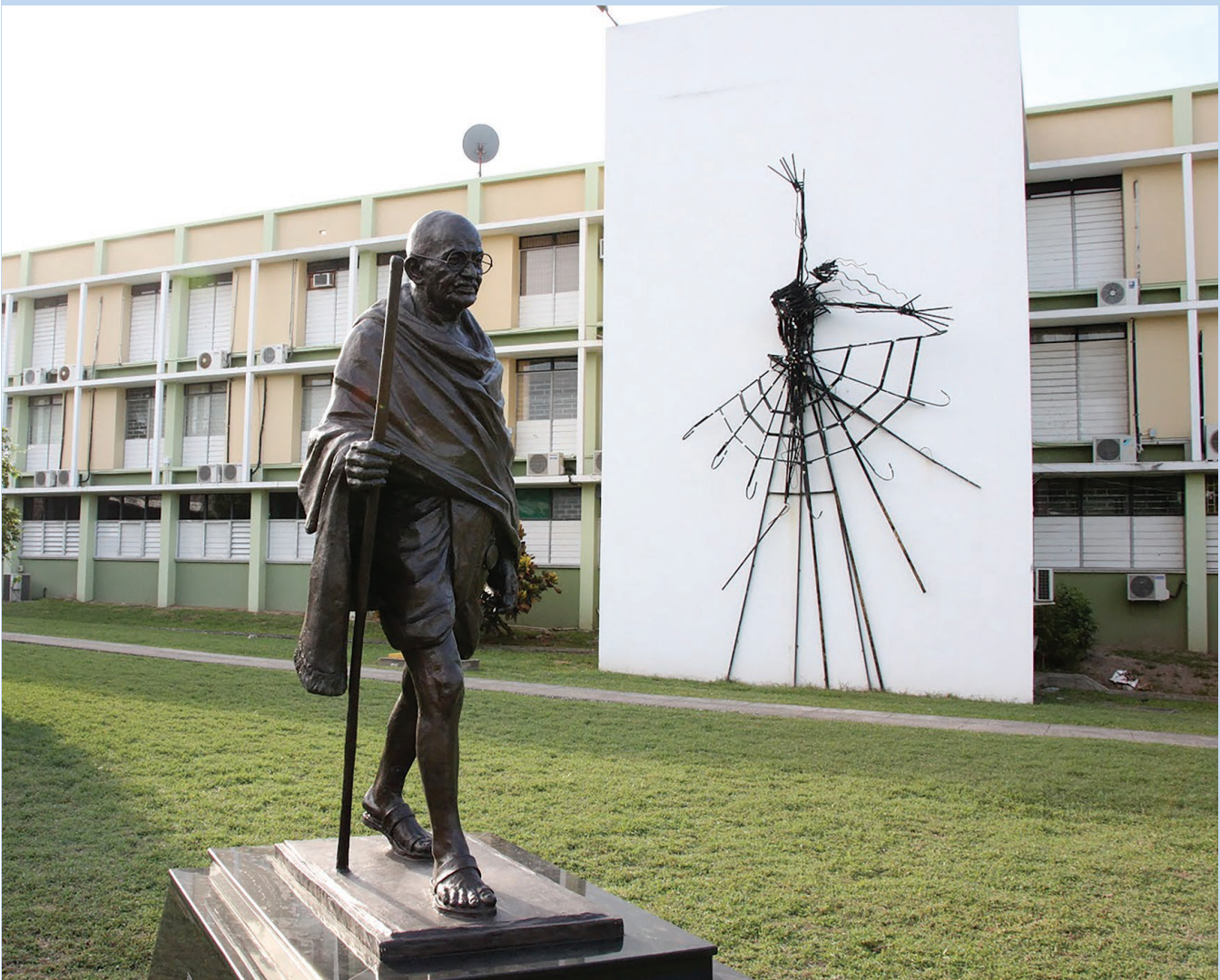
UPENN Collaboration

2022–2023 saw the renewal of the Faculty of Engineering's collaboration with the University of Pennsylvania and the return of physical student interaction. A total of ten (10) second-year Biomedical Engineering students were selected to participate in the UPENN Collaboration course ENG 1400 which was offered in Semester 2. There were eight (8) Jamaican based projects, and the students (UWI/UPENN) were required to create working prototypes of their solutions to the diagnosed patient issues. Projects were assigned to groups that comprised a mix of both UPENN and UWI students. The Mona students attended classes presented by UPENN Faculty in real-time via zoom or asynchronously via access to the recordings. Five (5) UWI faculty were involved in this collaboration. Course Coordinator Sasha-Gay Wright, stakeholder for one of the projects, Dr. Davaugh Sanderson; and teaching assistants Danelle Julal, Christina Douglas and Paul Wilson.

Visit to Binghamton University

A Faculty of Engineering delegation led by the dean, Dr. Adrian Lawrence visited Binghamton University on January 25–26th 2023. Included on the team were Dr. Lindon Falconer, Head of Programme, Electronics Engineering, and Ms. Sasha-Gay Wright, Head of Programme, Biomedical Engineering. The following areas of collaboration were discussed for the:

- Faculty visits and collaboration for research
- Students to have access to online courses (up to 12 credits) delivered by Binghamton University
- Delivery of course modules from BU faculty
- A possible 2+2 program
- Collaborative student projects
- Assistance in establishing a Fabrication lab for prototype development
- Seminar talks delivered by both UWI and BU faculty
- Virtual attendance to BU Research days
- Micro-credential courses for UWI students.



FACULTY OF HUMANITIES AND EDUCATION Mona

Year ending July 31, 2023



PROFESSOR SILVIA KOUWENBERG
BA., MA., PHD. UNIV. AMSTERDAM
DEAN

Dean's Overview

HIGHLIGHTS OF THE YEAR

The Faculty of Humanities and Education is a Faculty of eight departments and 3 affiliate institutions, which together offer over 50 undergraduate programmes (35 B.A., 11 B.Ed., 2 B.F.A., 1 Diploma, 2 Licentiates) and 50 postgraduate programmes (23 M.A., 14 M.Ed., 10 M.Phil. & Ph.D., 2 Diplomas, 1 D.Ed.). This is by far the broadest range of programmes offered by Faculties of Humanities & Education across the three landed campuses of The University of the West Indies. These programmes returned to the classroom in the 2022/23 academic year. After several years of online learning and teaching, this much anticipated change caused unanticipated levels of anxiety on the part of both staff and students. To mitigate against continuing fear of infection, staff were mandated to require the use of facemasks in their classrooms and offices, hand sanitizing stations were placed around the Faculty, and the use of fans and open windows was encouraged to allow for good air circulation. At the time of this writing, this all seems like a distant memory. But while the fear of infection dissipated over the course of the year, social anxieties came to the fore, prompting the hosting of several events focusing on wellness and mental health.

The return to the classroom also meant the possibility of a return to in-person events. Thus, signature Faculty events were held either in-person or in hybrid mode, including:

Signature event	Title	Date
Annual Awards Ceremony	Celebrating Students' Academic Excellence	10 November 2022
Inaugural Lecture, Professor Loraine Cook of the School of Education	Differences in the classroom: Deeper than you think or see	8 December 2022
Inaugural Lecture, Professor Canute Thompson of the School of Education	Reimaginative leadership: Its implications for, and applications to (educational) policymaking and the role of the University	11 May 2023
Annual Faculty Distinguished Lecture, with keynote speaker Professor Shelome Gooden of the University of Pittsburgh	Beyond Scholarship in the Humanities and Social Sciences: Lessons from Linguistics	26 April 2023
Annual Research Symposium, launch of the Faculty's first Research Index, and Photovoice Research Exhibition	Rooted, Ready & Rising through Research in Humanities and Education	2 June 2023

The FHE management team for the 2022–2023 academic year was constituted as shown below:

Deputy Deans	
Deputy Dean Education	Dr. Therese Ferguson
Deputy Dean Humanities	Dr. Stanley Griffin
Deputy Dean Marketing & Resource Mobilisation	Dr. Sonjah Stanley-Niaah
Deputy Dean Postgrad	Dr. Carmel Roofoe
Heads and Directors	
Department of History & Archeology (DOHA)	Prof. James Robertson
Department of Language, Linguistics & Philosophy (DLLP)	Dr. Vivette Milson-Whyte
Department of Library & Information Studies (DLIS)	Dr. Rosemarie Heath
Department of Literatures in English (DLIE)	Dr. Rachel Moseley-Wood
Department of Modern Languages & Literatures (DMLL)	Dr. Teresa Villoria Nolla
Caribbean School of Media and Communication (CARIMAC)	Dr. Livingston White
School of Education (SOE)	Dr. Marcia Rainford
Institute of Caribbean Studies (ICS)	Dr. Dave Gosse
Faculty Committee Chairs	
Academic Quality Assurance Committee	Dr. Sharon Bramwell-Lalor
Ethics	Prof. Loraine Cook

Much appreciation is owed to outgoing team members Deputy Dean Dr. Nicole Plummer, Heads Dr. Enrique Okenve (DOHA), Professor Paulette Ramsay (DMLL), and Dr. Aisha Spencer (Acting, DLIE). Noteworthy is the fact that Professor James Robertson accepted the responsibility to lead the Department of History and Archaeology in his final year before retirement with much enthusiasm. All department Heads / Directors struggled with understaffing and with the consequences of VMC decisions, which made departments over-reliant on adjuncts where filling of open positions was disallowed, or forced the overburdening of existing staff where the hiring of adjuncts for some (core) courses was disallowed, claiming that these were too small to be taught. While the rationale behind vacancy monitoring is understood, the manner in which the committee's mandate was handled, including what appeared like a constant resetting of the goal posts, contributed to high stress levels and feelings that the Campus administration was intent on creating a hostile environment for academics.

Discussions continued from the preceding academic year on general questions of the Faculty's structure, programmes, and administrative and academic functioning. The discussions noted the increasing interdisciplinarity of taught programmes which no longer strictly belong in any one department; the severe understaffing of all departments, exacerbated by the loss of experienced colleagues through

resignations and retirements and the withholding of approvals to refill positions; the declining interest on the part of applicants for our programmes despite their marketability and connections with industry; and other key considerations. A consensus grew on the need to embrace radical change so as to be able to rebrand FHE with a focus on agility and interdisciplinarity. The expectation is that this process will be articulated in more detail in the 2023/2024 academic year.

ACCESS

UNDERGRADUATE STUDENT SUPPORT

The Faculty hosted its Undergraduate Orientation session for new students at the start of the academic year in hybrid modality, under the theme ‘Ready for an A.C.E. Year: Academics, Community, Excellence’. An additional 50 students joined our programmes in January, and a well-attended on-line orientation was held to facilitate their entry into the institution. Throughout the year, departments engaged their students in workshops focusing on academic development and success.

As part of the Faculty’s strategic focus on opportunities for students to develop professional competencies, a Humanities Internship course HUMN3100 was introduced. The course requires a minimum two-week work placement and includes career development seminars. It is required for students in the DLIE’s B.A. Writing, Literature and Publishing, but is open also to students in other programmes which do not already include this opportunity and where staff are able to facilitate the supervision of the placement. The DLIE’s expansion into the publishing world has also formed a context for collaborations with publishers from Canada and the UK who facilitated internships, workshops, and public events.

The Faculty is also engaged in ongoing efforts to develop minors in Digital Humanities and in Entrepreneurship in the Humanities, as well as an Associate of Arts degree for entrants on lower matriculation.

The constraints imposed by the response to the pandemic having been lifted, several departments took the opportunity to reintroduce field trips and in-person events. For instance, students in the Linguistics programmes had the opportunity to join a field trip to Moore Town, and organised the 2023 Undergraduate Linguistics Research Conference on “60 years of the King’s English”; and CARIMAC’s Journalism students showcased their professional skills by organising the annual World Television Day with a panel on “Local Content, International Value” and the DigiTimes panel on “Journalists, Activists and the People”, while the work of Film Production and Animation students was showcased in a private screening at Palace Cineplex.

Finally, it is to be noted that the requirement for students to sit the English Language Proficiency Test was abolished for students entering the institution with a 3 in CSEC English A. These students are now able to register directly in the year-long academic literacies course 'Critical reading and writing in the disciplines' (FOUN1019). This is intended to ensure that the students who need it most will access their academic literacies course early, thus helping them to develop the abilities for success in academic reading and writing.

AWARDS FOR EXCELLENCE

The Faculty's Annual Awards Ceremony which recognizes students' academic excellence in the preceding academic year was held 10 November 2022, with Ms Dahlia Harris as featured motivational speaker. Apart from departmental prizes awarded to undergraduate students (80 awards) and graduate students (24 awards), the following Faculty Prizes and Dean's Awards for Excellence recognized students across the Faculty:

Level I awards for the 2021/2022 academic year	
Outstanding Academic Performance at Level I:	Britanya Barrett Zori Blake Courteney Lewis Eby Nelson Blair Santos
Mokimon Prize, awarded to the top part-time student at level I:	Davin Stewart
Dean's Award for Excellence at level I:	Blair Santos (Humanities) Kevan Williams (Education)
Level II awards for the 2021/2022 academic year	
Outstanding Academic Performance at Level II:	Melissa Boyne Celine Campbell Asmahani-Aza Cooke Shadaia Francis Gregory Slater
Dean's Award for Excellence at Level II:	Asmahani-Aza Cooke (Humanities) Georgia Green (Education)
Level III awards for the 2021/2022 academic year	
Dean's Award for Excellence at Level III:	Amani Cooke (Humanities) Suzanne Small (Education)
Postgraduate awards for the 2021/2022 academic year	
Dean's Award for Excellence, Postgraduate Diploma in Education:	Mario Goulbourne
Dean's Award for Excellence, Doctor of Philosophy with High Commendation:	Dr. Cynthia Allen Pearson Dr. Kishi Anderson Leachman

QUALITY ASSURANCE REVIEWS

A Quality Assurance Review (QAR) of the Asian language programme (Chinese, Japanese) offered in the DMLL found that an investment is needed to ensure that there is sufficient full-time core staff to maintain programme continuity and reduce the reliance on external partners to ensure continuity. Useful recommendations were made also regarding the content and pace of courses, and the possibility of a cross-disciplinary Asian Studies programme.

Two departments presented Action Plans in response to QARs of the preceding year. The DMLL presented its Action Plan in response to the QAR of the French and Spanish programmes, including actions to improve academic advising, and to develop French and Spanish courses focusing on professional needs, *i.a.* The DLLP presented its response to the QAR of the Linguistics programme, which included many recommendations pertaining to teaching & learning, research & publication, and outreach. Funding and limited staff are major constraining factors in developing an adequate action plan.

Two departments, the Department of Literatures in English and the Philosophy Section of the Department of Language, Linguistics & Philosophy, presented follow-up reports on their 2022 action plans prepared in response to QARs conducted in the preceding year. Both noted as significant challenges the pressure to undertake course and programme development without adequate resources. The DLIE had suffered the loss of three staff members who resigned during the 2021/22 academic year, leaving only three tenure-track academics, while the Philosophy Section was facing the imminent loss of two staff members (retirement and resignation), leaving only one experienced academic for the 2023/24 academic year.

THE LEARNING ENVIRONMENT

A/C units that had been tested and found working before the start of the 2022–2023 academic year, failed as soon as classes began, forcing adaptations including rescheduling of classes and even temporarily moving some classes back to the on-line modality. The Faculty is deeply grateful to a donation from the Joint Board of Teaching Education which allowed for some units to be replaced and normal operations to resume. Another important improvement came when well needed repairs were carried out by the Estate Management Department to the roofs of several buildings housing offices and classrooms where significant leaks had damaged furniture and equipment over time.

SUPPORTING POSTGRADUATE STUDENT SUCCESS

The Faculty hosted its welcome and induction ceremony for new graduate students in hybrid mode on Friday 2 September 2022. Throughout the year, several sessions

were held on Zoom to support the work of postgraduate research students and that of their supervisors and administrators in the departments, including an information session on M.Phil. upgrade procedures, doctoral examination, and the process flow for course and programme proposals; a research seminar entitled “Connecting Philosophy with Research Production”, by Prof. Lawrence Bamikole, Professor of Value Philosophy from the Department of Language Linguistics and Philosophy; a session focussing on strategies for reading/engaging with scholarly texts, by the Deputy Dean for Graduate Matters.

An M.Phil./Ph.D. taskforce was constituted for the academic year with leadership drawn from among postgraduate students in different departments. Activities of the task force included a session “Sip and Write: The Literature Review” on 4 November 2022, facilitated by Dr. Aisha Spencer of the School of Education, which was attended by approximately 30 students; the launch of a new initiative entitled “Ignite Sessions: Research in Progress”, to create a space for research students to meet to offer peer support, critique, and share ideas; and the creation of a WhatsApp group to facilitate communication among students.

The Faculty’s first Postgraduate Networking Cocktail Event was held 25 November 2022 under the theme “The Limitless Road to Success”, with speakers Natalee Murray, health and wellness coach, and Jeffrey Azan, transformational speaker and businessman. At the event, postgraduate students were highlighted who had published papers, presented at conferences, and upgraded their registration to PhD during the Academic Year 2021–2022.

Three FHE postgraduate students received scholarship awards for the 2022/23 academic year:

Awardee	Degree programme
Margaret Downer-Messias	Ph.D. Theology
Brittany Forsyth	M.Phil. Communication Studies
Shanique Taylor	M.Phil. Linguistics

Several students were successful in their doctoral examinations:

- Dr. Kirt Henry, Ph.D. Cultural Studies, with High Commendation; thesis entitled “Spiritual Assemblages: Revival, Dress, Ritual and Power”.
- Dr. Kamla Anderson, Ph.D. Education, with High Commendation; thesis entitled “Examining ICT integration in the Grade Seven curriculum of Mathematics, English Language, and Integrated Science at three secondary schools in Kingston & St. Andrew”.
- Dr. Jacqueline Chen, Ph.D. Teacher Education; thesis entitled “An exploration of the lived first year experiences of five early childhood teachers in Jamaica: A phenomenological study”.

- Dr. Keilah Mills, Ph.D. Literatures in English, with High Commendation; thesis entitled “The Politics and Poetics of Caribbean Ecologies in Selected Texts by Black Women Writers”.

That the return to the classroom was accompanied by a requirement to cease online teaching was problematic for some students, was nowhere clearer than for postgraduate students. Many struggled or simply found themselves unable to continue to combine work and study. Several departments sought approvals for online delivery and assessment of postgraduate courses. This included courses in the M.A. Translation (French & Spanish), the Master’s in Librarianship, and some Education courses. Unfortunately, these requests were not all met with approval, forcing students in locations across and even outside the region to make costly arrangements for proctoring and couriering of scripts, and for departments to absorb some of these expenses. It is imperative that these restrictions be addressed as we increase the regional and even global reach of our programmes.

ALIGNMENT

PROFESSIONAL OUTREACH

The School of Education continued to strongly support teachers’ professional development at all levels of the educational system, for instance with workshops for Primary Educators held at World Teachers’ Day, 5 October 2022, on differentiating instruction, numeracy teaching, school librarianship, spelling instruction, and technological infusion in the classroom; a workshop on Inquiry-based Teaching in the Jamaican Mathematics Classroom, 13 April 2023, for primary and secondary mathematics teachers; the launch of a TVET Blended Challenge under the theme “Building resilience for sustainable development in disruptive times” and of Inception Workshops for TVET educators as part of the 2023 Conference on TVET in the Caribbean. SOE also continued its collaboration with the Faculty of Science and Technology under the “Building Out Our Stem Teachers” scholarship programme, which aims to incentivize mathematics and science students to become teachers.

Another department which sought to support teachers was the Institute of Caribbean Studies which organized a Workshop on Culture and Violence in Schools on 28 April 2023.

The Department of Library and Information Studies convened a Leaders Roundtable for heads of programmes, memory and information institutions, and chairs of professional associations for the purpose of building partnerships and strengthening networks on 20 October 2022. DLIS with the UWI Mona Library also organised a

Research Forum on 4 May 2023 on 'Data security and information services in the 21st century: exploring theory and best practice', with keynote speaker Dr Patrick Anglin, University Data Protection Officer. In collaboration with the GO School for Information, DLIS offered a three-day income-generating summer course on "AI in information services: implications, applications and added value".

Other income-generating initiatives included translation and interpreting services and lunch hour classes offered in the DMLL.

One of the most remarkable projects undertaken during the year was the UWI Mona Prison Project, a prison-to-college pipeline initiative in partnership with Bard College and the Open Society University Network and in collaboration with Department for Correctional Services. The project delivered a course in Entertainment Business to inmates and wardens in the Tower Street Adult Correctional Centre. The aim of the project is to increase access to higher education and improve reintegration outcomes for incarcerated people in Jamaica. The programme is in keeping with the institution's mission to empower and provide access to underserved populations. It resulted in the award of a departmental certificate to eight inmates and two wardens, and it is to be hoped that this project will garner sufficient support from donors for its continuation.

RESEARCH AND PUBLICATION IN THE HUMANITIES AND EDUCATION

The Deputy Deans for Postgraduate Matters and of Marketing and Resource Mobilisation collaborated on an initiative "Toward a 21st century researcher-led Faculty of Humanities and Education", aimed at developing a model for collaborative, interdisciplinary research and resource mobilisation. To this end, an on-line form was developed which approximately 60% of staff completed, so that a Research Map could be compiled for the Faculty. To support the Faculty's publication agenda, especially for early career researchers, they also collaborated on a 'Call for Authors' and a series of activities for the respondents, including a series of writing workshops which were attended by some 18 staff members.

To increase access to research produced in FHE, the inaugural **Research Index** of scholarly work produced in FHE, covering the 2019/20 and 2020/21 academic years, was launched in June 2023. It presents research outputs by staff and graduate students in the Faculty under the categories refereed publications (books, book chapters, and journal articles), non-refereed scholarly output (scholarly outputs, creative works, and ICT/multimedia innovations), and PhD theses. Where relevant, abstracts are provided, and URLs and DOIs to facilitate access to the publication. Available at https://www.mona.uwi.edu/humed/sites/default/files/humed/the_research_index_2023.pdf, it is expected to enhance the visibility of our scholarly work, especially to our peers within the institution.

Departmental reports show that refereed research output in the Faculty over the 2022/23 academic year included at least 2 single-authored books, 4 edited books, 15 book chapters, 2 edited journal issues, 26 journal articles, and 1 monograph, alongside several technical reports, non-refereed articles, and non-traditional research output such as researched journalistic output and software products.

Dr Ruth Baker-Gardner, whose book *Academic Integrity in the Caribbean: Plagiarism Policies, Perception, Prevalence and Possible Solutions* (UWI Press) was published in December 2022, was thrown into the spotlight as ChatGPT became publicly available early in 2023, causing both excitement and concern.

Staff members were recognized for outstanding research by the (delayed) announcement of the Principal's Research Awards covering several academic years:

Principal's Research Awards
2018–2019: Dr Françoise Cevaër (DMLL), Dr Therese Ferguson (SOE), Dr Canute Thompson (SOE), Dr Clavia Williams-McBean (SOE), Dr Zachary Beier (DOHA), and Dr Michael Bucknor (DLIE)
2019–2020: Best research publication – Dr Rachel Moseley-Wood (DLIE), Dr Vivette Milson-Whyte (DLLP); Most outstanding researcher – Prof Canute Thompson (SOE); Most outstanding research activity – Dr Zoyah Kinkead-Clark (SOE)
2020–2021: Best research publication – Dr Enrique Okenve (DOHA), Dr Françoise Cevaër (DMLL); Most outstanding research activity – Dr Lois George (SOE); Research activity generating the most funds – Dr Sonjah Stanley Niaah, Dr Deborah Hickling Gordon (ICS)
2021–2022: Best research publication – Dr Dave Gosse (ICS), Dr Isis Semaj-Hall (DLIE); Most outstanding researcher – Dr Carmel Rooft (SOE); Most outstanding research activity – Dr Stanley Griffin (DLIS); Research activity generating the most funds & with the most development impact: CCEP team, consisting of Prof Canute Thompson, Dr Schontal Moore, Camille Berry, Nadine Davis and Allison Montgomery (SOE)

Also notable is that the book *Education for Sustainable Development in the Caribbean* by Lorna Down and Therese Ferguson was among three UWI Press books named 2022 Foreword Indies Book of the Year, and Finalist in the Education Theory and Practice category for the 2023 PROSE Awards (Association of American Publishers Awards for Professional and Scholarly Excellence).

In its 30th year of existence, the Centre for Excellence in Teaching and Learning announced its inaugural Beryl Allen Teaching Award for Innovative Teaching, which was awarded to Chevonnese Chevers Whyte, lecturer in CARIMAC. FHE staff members recognized for student evaluation scores of 4.5 and above included 10 lecturers in the SOE, 5 in the DLLP, and one each in the DLIE and ICS.

The significance of our engagement with alumni, adjuncts, and retirees was evident as their work achieves public recognition. Thus, national award recipients 2022 included two Ph.D. Cultural Studies graduates Dr. Myrna Hague-Bradshaw and Dr. Amina Blackwood-Meeks, recipients of the OD for contribution to the Jamaican Music Industry, and to the development of the Literary Arts in Jamaican Culture,

respectively; and adjunct lecturer in CARIMAC Kevin Jackson was the recipient of a Musgrave Silver Award for his contribution to the animation and film industries in Jamaica. Also notable is the work of retirees of the School of Education who continue to pursue research and produce publications in the service of their profession. FHE had the pleasure of playing host to book launches for the work of Professor Emerita Zellynne Jennings (*Re-visioning Change: Case Studies of Curriculum in School Systems in the Commonwealth Caribbean*, 2022, UWI Press), and retirees Professors Disraeli Hutton and Austin Ezenne (*Examining Dimensions of Performance in Jamaican Schools, Improving School Leadership and Management*, ITER, Mico University College).

SHOWCASING WORK OF THE FHE

Every DISCUS in the Faculty took the opportunity of the flexibility offered by a choice of in-person, on-line, and hybrid modalities, to organize a range of events showcasing the work of the Faculty and departments' strategic research collaborations. Thus, the Faculty calendar was filled with postgraduate seminars in CARIMAC and ICS; writing workshops and movie events in DLIE; the DLIS's InfoTalk series; conferences and distinguished / public lectures such as the DLIS's Inaugural Virtual Conference "That was then, this is now: Libraries adapting for the future"; the Jamaican Language Unit's (JLU) 8th Cassidy-Le Page Distinguished Lecture with Professor Ana Deumert who spoke on "Language, Music and Liberation"; the ICS's 24th Annual Walter Rodney Lecture with Ras Miguel 'Steppa' Williams who spoke on "Reclamation Groundation"; the DLIE's 16th Edward Baugh Distinguished Lecture with Geoffrey Philp on "Garveyism in the 21st Century: Climate Change"; the DLLP's public lecture by Professor Edwin Etieyibo on "African Philosophy and the Cultural History of Ideas"; CARIMAC's Open Week 2023, which included the Annual Aggrey Brown Distinguished Lecture, delivered by Dr Carolyn Walcott on "The challenges of reporting on the oil sector in Guyana"; the Jamaican Language Unit's 20th Anniversary Event, a Symposium on the Jamaican Language in honour of the work of Jamaican linguist Beryl Bailey; the ICS's collaboration on a Photographic Exhibition & Ganja Spotlight Roundtable Discussion held in the Faculty's courtyard; the ICS's Stuart Hall Distinguished Lecture by Prof Robert Beckford on "Windrush, Stuart Hall and Transatlantic diasporic cultures"; the DMLL's Public Lecture in collaboration with the Quality Assurance Unit delivered by Prof Andrew Jones on "The worlds of Chinese popular music"; the DMLL's Distinguished Gabriel Coulthard/William Mailer Lecture with Dr. Conrad James on "Nautical desires: Tourists, stowaways and other travellers in Caribbean Fiction"; and the 38th Elsa Goveia Memorial Lecture by Prof Daive Dunkley on "The outsider within: Rastafari women and the struggle against colonialism in Jamaica"; the SOE's hosting of the 6th International Conference on Technical and Vocational Education in Training

(TVET) in the Caribbean under the theme “Building Resilience for Sustainable Development in Disruptive Times”, and the Caribbean Centre for Education Planning in the SOE’s hosting of conferences on “Teacher Migration in Jamaica: Exploring Push and Pull Factors and Probable Policy Options”, and “A Conversation with Jamaica’s Education Transformation Oversight Committee (EOC): Examining Progress and Engaging New Perspectives”; and the JLU’s co-hosting of the 7th International Symposium on the History of English Lexicography and Lexicology, facilitated online through a collaboration between the JLU and the Richard and Jeannette Allsopp Centre for Caribbean Lexicography at Cave Hill.

INTERNATIONAL EXCHANGE AND COLLABORATION

The virtual environment continues to provide opportunities for international exchange, such as the virtual intercultural exchange involving students from Tototori University of Environmental Sciences (TUES) and Mona students of Japanese. A virtual symposium entitled “Social Change and Gender-Based Violence: Representation in Caribbean Literature and Performance Cultures” was held on September 22–23, 2022 as part of a UWI / University of Leicester project while the UWI/University of Leicester (UoL) International Summer School, which has been hosted at Mona in the past, was this time hosted at The University of Leicester, June 5–10, 2023, under the theme ‘Crime, (In)Justice, Human Rights’.

Academic exchange is an important part of international collaboration, and the Faculty was happy to see two departments work together to host Professor Erick Barroso, Visiting Professor from the University of Guantanamo in Cuba. This was followed by visits to the Universities of Guantanamo and Havana in Cuba by Dr Villoria Nolla, Head of DMLL, over the summer of 2023.

AGILITY

SUPPORTING ACTIVITIES TOWARDS THE DEVELOPMENT OF A CREATIVE, CARING, ACCOUNTABLE, MOTIVATED, PROFESSIONAL (CAMP) TEAM

The Faculty’s HEARTS series (Humanities and Education Achieving Resilience for Teachers and Students) resumed under Dr Nicole Plummer’s leadership with sessions on “Self-Care 101”, and “Vision Board: Your way to success”.

For some time, we have recognized the importance of better engaging and motivating administrative, technical, and service staff in Faculty. An incentive & recognition proposal for these vital categories of staff was supported in principle for implementation in the 2023/24 academic year. The initiative is envisaged to increase

staff loyalty, improve employee engagement and morale, and promote efficiency and productivity among staff.

The three Faculties of Humanities and Education have been working to develop new promotion guidelines for staff moving through the academic appointment levels. A need was felt for staff at Mona to consider these guidelines and their practical application in some depth. The meeting, held on-line 9 December 2022, was attended by over forty members of academic staff across the Faculty, and resulted in the allocation of responsibilities for developing sub-proposals regarding the evaluation of (new) media work and other non-traditional scholarly productions, the value of literary and academic translation, the inclusion of journals published in languages other than English, and the possibility of establishing criteria for the weighting of publications in different journals. The process of fine-tuning the guidelines is to be completed in the 2023/24 academic year.

STAFF CAREER DEVELOPMENT

FHE welcomed new academic staff members on board, and saw several staff members appointed in regular positions or promoted:

New staff members	Department
Dr. Dexnell Peters, Lecturer in History	DOHA
Dr. Lesley-Gail Atkinson Swaby, Lecturer in Archaeology	DOHA
Promotions	
Professor Canute Thompson, to the rank of Professor of Educational Policy, Planning and Leadership	SOE
Dr Dave Gosse, crossed the bar in the Senior Lecturer scale	ICS
Dr Deborah Hickling-Gordon, crossed the Merit Bar in the Lecturer scale	ICS
Dr Sharline Cole, crossed the Merit Bar in the Lecturer scale	SOE
Dr Ruth Baker-Gardner, Tenure and crossing of the Merit Bar in the Lecturer scale	DLIS
Dr Steffon Campbell, Promoted to Lecturer after the award of the Ph.D.	CARIMAC
First regular appointments	
Rae-Ann Smith, Lecturer in Film Production	CARIMAC
Chevonnese Chevers Whyte, Lecturer in Animation	CARIMAC
Dr Lisa Tomlinson, Lecturer in Visual Culture	ICS
Soyini Ashby, Foreign Language Instructor	DMLL
George McCaulsky, Academic Literacies Instructor	DLLP
Tereka Brown, Academic Literacies Instructor	DLLP
Loverne George, Academic Literacies Instructor	DLLP

Tenure / Indefinite employment	
Dr Nicole Plummer, Lecturer in Cultural Studies	ICS
Dr Schontal Moore, Lecturer in English Language and Literature	SOE
Dejon Lingo, Academic Literacies Instructor	DLLP
Kelleen Sewell-Ayton, Academic Literacies Instructor	DLLP
Dr Tracy-Ann Beckford, Academic Literacies Instructor	DLLP
Dadre White, Academic Literacies Instructor	DLLP

CONCLUSION

The Faculty was successful in a proposal to F&GPC for the creation of a position for a Marketing and Business Development Officer, for filling in the 2023/24 academic year. Another proposed change in the FHE's management came about from the recognition of continued challenges with low staff morale at the end of the 2022/23 academic year, leading to the proposal to appoint a Deputy Dean for Wellness and Success for 2023/24. FHE is therefore looking towards 2023/24 as a year marked by its improved public presence as well as a clearer focus on staff needs.



FHE Minors with Major Possibilities!

Minors

- Caribbean Sign Language and Interpreting
- Chinese/Mandarin
- Creative Writing
- Cultural & Creative Industries
- Cultural Studies
- Digital Media Production
- Education
- English Language, Writing and Speech
- Entertainment and Cultural Enterprise Management
- Film Studies
- French
- Geography
- Information Studies
- History
- Integrated Marketing Communication
- Japanese
- Journalism
- Linguistics
- Literatures in English
- Music
- Philosophy
- Rastafari Studies
- Reggae Studies
- Spanish
- Theology

The Faculty of Humanities and Education

Complement your Major with a **MINOR** from the FHE.

- Explore multidisciplinary connections
- Develop new skills
- Improve career/employment prospects
- Follow your passion

Choose from a variety of Minors offered by Departments in the Faculty.

Enroll online via SAS.



For more information, check out our Faculty Handbook at <https://www.mona.uwi.edu/humed/faculty-handbooks>

876 970-1666

<https://www.mona.uwi.edu/humed/>

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CARIBBEAN SCHOOL OF MEDIA AND COMMUNICATION (CARIMAC)

Dr Livingston A. White, BA (UWI), MSc, PhD (FSU) – Director

WORK OF THE DEPARTMENT

CARIMAC reverted to pre-pandemic normalcy for academic year 2022/2023. Aligning operations to Phase II of The UWI's Triple 'A' Strategic Plan 2022–2027, the School focused on strengthening partnerships with members of the international academia and other stakeholders, providing research services to external partners, supporting the wider UWI community, collaborating with other departments in the Faculty and revising undergraduate programmes.

ACCESS

STUDENTS

In January 2023, the Campus Tender Committee approved the procurement of new multimedia equipment used for electronic news gathering, in order to expose students to new high-definition video formats commonly used for broadcast, web and social media content creation. The committee also approved the renewal of software subscriptions for the continued use of digital content creation software applications for teaching and developing creative and soft skills.

Mrs. Chevonnese Chevers Whyte, BFA Animation Programme Coordinator, was selected by a panel of judges as the inaugural winner of the Beryl Allen Teaching Award for Innovative Teaching, an award introduced by the Centre for Excellence in Teaching and Learning (CETL) in its 30th year of service and the University's 75th year. "The award recognises faculty who have demonstrated in a variety of ways their support of the learning needs of students, embedding innovative and inclusive practices, and taking a student-centred approach to pedagogical engagements."



Dr. Beryl Allen makes a presentation to Mrs. Chevonnese Chevers Whyte

The ceremony was held on Wednesday, April 26, 2023, at the Main Library's Multifunctional Room on the Mona Campus.

With the burgeoning of the Jamaican Film Industry, CARIMAC revised its BFA Film Production programme to align with industry demands for people with specialised skills in filmmaking. The approved programme will come on stream for academic year 2023/2024. From June 15–25, 2023, Drs. Corinne Barnes and Alpha Obika completed fellowships under the second period of the Erasmus+ Staff Exchange Mobility between The UWI and Birmingham City University (BCU), facilitated through the Office of the Campus Registrar, Admissions and International Office.

For AY2022/2023 a total of 42 new and returning students enrolled in CARI-

MAC's Master's Programmes with 12 returning students enrolling in the MPhil programme. Two new courses for the MA Communication Studies and MA Communication for Social and Behaviour Change were approved by the University Graduate Committee. They are:

1. COMM6403 Issues in Caribbean Media and Communication: Class, Race, Gender Ethnicity and Sexuality
2. COMM6404 Media, Communication and Caribbean Society.

Additionally, in August 2022, The UWI/CARIMAC and the Caribbean Broadcasting Union (CBU) signed a Memorandum of Understanding to offer courses in the MSc Media Management programme to CBU members as specially admitted students. The agreement is that participating CBU member organisations will expand The UWI Mona Campus' level of visibility across the region through advertising on their airwaves and other forms of electronic media equivalent to the cost per course per person (currently USD990.00) or any combination of courses. The intake for 2022/2023 were:

- Semester I, 2022/23: 8 registrations were received for courses in the MSc Media Management programme. Three students successfully completed the course(s).
- Semester II, 2022/23: 5 registrations were received for courses in the MSc Media Management programme with 2 being returning students from semester I.

Students in various programmes continued to excel. The following is a list of their achievements:

Name of Student	Degree Programme	Achievement
Ricardo Brooks	BA Journalism (Current)	Won Best Radio Feature/Documentary and awarded The Morris Cargill Award for Opinion Journalism at the Press Association of Jamaica's National Journalism Awards held Saturday, February 4, 2023.
Toni-Ann Tapper	BFA Animation (Class of 2021)	Winner Best Animation project at the Lignum Vitae Film Festival 2023, for her creation entitled <i>Ghost</i> . This project is an animated film that captures the state of someone who becomes a mere shell of her former self after experiencing tragedies, but manages to bounce back. The festival was held on Sunday, April 10, 2023.
Lee-San Gayle	BFA Film Production (Class of 2022)	<ul style="list-style-type: none"> Winner of Best Fiction Film under 30 minutes at the Action for Hope's 2nd Edition Blink Film Festival for her short film <i>Crazy Dreams</i>. Winner of the Audience Prize Award, a social media voting category where the winner is determined by the highest number of votes received. The festival was held February 17–19, 2023.
Sekai Smart-Macaulay	BFA Animation (Level 2)	Lead actor in the film <i>Raw Materials</i> , Jamaica's first Oscar-qualifying film, which also won 10 international competitions.
Jenelle Samuels	BFA Animation (Level 3)	<ul style="list-style-type: none"> Selected as a mentee for the UNESCO and Women@Dior International Mentorship and Education Program, Class of 2023-2024. The programme is a collaboration between the Parisian luxury fashion house, House of Dior and UNESCO as part of UNESCO's Global Coalition for Education. The one-year programme gives mentees access to exclusive courses built on the core values of self-care and self-awareness, autonomy, inclusion, creativity and sustainability. Winner of the 2022 cycle of the Poet Laureate of Jamaica Young Writer's Prize for Poetry. The annual competition is administered by the National Library of Jamaica, and the 2022 competition focus was on the Jamaican or Caribbean natural environment. Jenelle submitted three poems entitled, "To Find Beauty", "Accident in New Kingston" and "Paradise of a Commoner". Jenelle's poem "To Find Beauty" was featured in Torch Literary Arts' February 3 Friday Feature. Torch Literary Arts is a nonprofit organisation established to publish and promote creative writing by Black women.
Lisa Dawes	BFA Film Production (Level 3)	Her short film titled <i>Nature and Serenity</i> was nominated for multiple awards, including best short film and the global impact grand prize, at the Student World Impact Film Festival (SWIFF).



L-R: Mr. Jevon Matthews, Senior Electronics Technologist; Ms. Rae-ann Smith, BFA Film Production Programme Coordinator; Mrs. Chevonnese Chevers Whyte, BFA Animation Programme Coordinator; Dr. Livingston White, Director

On June 30, 2023, CARIMAC hosted its inaugural CARIMAC Night at the 2023 Annual GATFFEST Film Festival held at the Palace Cineplex. The first narrative fiction and non-fiction thesis films made in the BFA Film Production programme, *Like, Comment, Subscribe* by Bruce St. Catherine and *Behind Di Beat* by Jonathan Holgate, as well as the works of 18 BFA Animation students were screened. <https://gatffest.com/2023-program/>. Also on June 30, 2023, third-year Animation students participated in the 2023 Student Animation Showcase hosted by Asif-Hollywood's Animation Educators Forum (an international community of teachers and professionals promoting animation education) with participating universities from Jamaica, USA, Canada and Brazil. <https://studentanimationshowcase.com/>.

CARIMAC awarded its high achievers UWI Bookshop Gift Certificates valued at \$25,000.00 per undergraduate student and \$30,000.00 per graduate student at the Faculty of Humanities and Education Annual Awards ceremony held on November 10, 2022 in the Neville Hall Lecture Theatre (N1). The recipients were:-

Level	Student	Award	Sponsor
Undergraduate	Rachel Francis	BA Digital Media Production	Spectrum Management Authority
	Abigail Whittingham	BA Integrated Marketing Comm. (Mona)	Irie FM
	Jhenelle Francis	BA Integrated Marketing Comm. (WJC)	Western Mirror
	Antonette Anderson	BA Journalism	Nationwide News Network
	Sameque Nelson	BFA Animation	Flow Jamaica
	Lee-San Gayle	BFA Film Production	Advertising & Marketing (Ja.) Ltd.

	Lee-San Gayle	Director's Prize for Most Outstanding CARIMAC Undergraduate Student	N/A
Graduate	Sophia Lewis	Most Outstanding Master's Student	N/A

PUBLICATIONS

Books & Monographs

- **Smith, R.** (2023). The Trauma of Negotiating Identifications in David Char-
iandy's *Brother*. In P. Ni & M.-C. Wang (Eds.) *Liminality of Justice in Trauma
and Trauma Literature*, (pp. 129–152). Cambridge Scholars Publishing. [https://
www.cambridgescholars.com/product/978-1-5275-0962-7](https://www.cambridgescholars.com/product/978-1-5275-0962-7)

Encyclopedia Entry

- **White, L. A.** (2023). COMBI: Communication for Behavioural Impact. In E. Y.
Ho, C. L. Bylund, & J.C. M. van Weert (Eds.), *The International Encyclopedia
of Health Communication* (Vol. 1, pp. 377–383). John Wiley & Sons. [https://doi.
org/10.1002/9781119678816.ieh0938](https://doi.org/10.1002/9781119678816.ieh0938)

At the weekly Research Seminars, presentations were made by the School's academic staff, MPhil students, former students of CARIMAC who had obtained doctoral degrees, and other industry practitioners. The following seminars were held during Semesters 1 and 2:

Date	Presenter/Lead	Title of Presentation/Focus
Sept. 21, 2022	Dr. Alpha Obika (CARIMAC)	Exploring the Use of Digital Technology in Trinidad's Virtual Carnival 2021 and Beyond
Oct. 5, 2022	Dr. Livingston White (CARIMAC)	<ul style="list-style-type: none"> • Strategic Plan AC4: Increase the quality and quantity of high impact research • Criteria for Promotion
Oct. 12, 2022	Dr. Livingston White (CARIMAC)	A Conversation with Dr. Livingston White: Using Zoom to Conduct Focus Group Discussions (Research Techniques: Show and Tell Series)
Oct. 26, 2022	Dr. Nova Gordon-Bell (CARIMAC)	A Conversation with Dr. Nova Gordon-Bell: "Coming in from the Cold?" The State of Communication Studies in the Caribbean
Nov. 9, 2022	Mrs. Chevonnese Chevers Whyte (CARIMAC)	A Conversation with Mrs. Chevonnese Chevers Whyte: Using Zotero for Research (Research Techniques: Show and Tell Series)
Nov. 16, 2022	Dr. Steffon Campbell (CARIMAC)	A Conversation with Dr. Steffon Campbell: ANCHORing Audio (Research Techniques: Show and Tell Series)

Date	Presenter/Lead	Title of Presentation/Focus
Nov. 23, 2022	Dr. Livingston White (CARIMAC)	A Conversation with Dr. Livingston White: Involving Students in Longitudinal Research (Research Techniques: Show and Tell Series)
Dec. 7, 2022	Ms. Cedella McKie (CARIMAC)	Making Jamaica the Place of Choice: An Analysis of the use of Social Marketing Strategies in National Development.
Dec 14, 2022	Mrs. Yvonne Grinam Nicholson (CARIMAC)	Examining Monitoring and Evaluation Practices of Jamaican Communication Practitioners
Jan. 25, 2023	Dr. Aurora Herrera (Middlesex University and the University of West London)	The Controlled Watchdog
Feb. 1, 2023	Mrs. Chevonnese Chevers Whyte (CARIMAC)	A Conversation with Mrs. Chevonnese Chevers Whyte: Project Management: A Researcher's Guide
Feb. 8, 2023	Presentations at Birmingham City University's Centre of Media and Cultural Research's Research Event:	
	Dr. Alpha Obika & Miss Yvette Rowe (CARIMAC)	The Carnival in Jamaica Project Update
	Dr. Livingston White & Dr. Olivia Bravo (CARIMAC)	Teaching and Learning Media and Communication during the COVID-19 Pandemic
Feb. 15, 2023	Presentations at Birmingham City University's Centre of Media and Cultural Research's Research Event:	
	Dr. Olivia Bravo (CARIMAC)	Brand Advertising in Jamaica during COVID-19
	Dr. Livingston White (CARIMAC)	Using Zoom to Conduct Focus Group Discussions
	Dr. Czerne Reid (University of Florida College)	Adventures and Opportunities in Science, Health & Environmental Journalism
Mar. 1, 2023	Mrs. Chevonnese Chevers Whyte (CARIMAC)	A Conversation with Mrs. Chevonnese Chevers Whyte: Note-Taking Styles and Apps for Researchers

ALIGNMENT

PAPERS PRESENTED

- **Campbell, S.** “Engaging men and boys in Gender Equality & Gender Justice.” UNESCO Office for the Caribbean and the Institute for Gender and Development Studies Regional Coordinating Office (IGDS-RCO), UWI Mona. Sherone Academy 2022, November 22, 2022 [Oral Presentation]
- **Campbell, S.** “If the Water is too Clear, You don’t Catch any Fish: An Investigative Case Study on China’s Investment in the Caribbean.” International Republican Institute (IRI) Latin America and the Caribbean Workshop, Quito, Ecuador. March 1–2, 2023 [Oral Presentation]
- **White, L.** “Social Marketing Pedagogy: Reflections & Recommendations.” World Social Marketing 7th Annual Conference, Brighton, UK, September 5–8, 2022 [Oral Presentation]

Academic staff engaged in additional activities to improve the quality, quantity and impact of research, innovation and publication. Dr. Olivia Bravo and Mrs. Chevonnes Chevers Whyte attended the Department of Literatures in English’s presentation and workshop on “Bringing Digital Humanities to the Undergraduate Classroom” held on April 19, 2023, in N5. The workshop was in collaboration with Create Caribbean Research Institute. Between March 17 and May 26, 2023, academic staff participated in the faculty’s inaugural bi-weekly Writing Series as part of its ongoing strategic planning exercise to drive research and publications, build teams, and increase collaborative research, project development, publications and grant acquisition.

Dr. Steffon Campbell participated in a 2-day Regional Journalism Exchange on “Business Models and Methods for Funding Investigations”, in Quito, Ecuador, which was held on September 8 and 9, 2022 and consisted of training sessions with regional and international journalists and media owners. The Exchange was funded by the International Republican Institute. In January 2023, he was one of 30 journalists to complete the Africa and Caribbean Public Health Agency (CARPHA) member countries global health reporting initiative offered by the International Women’s Media Foundation (IWMF). The nine-month virtual fellowship was designed to assist journalists to digest complex, and often unfamiliar, public health information, to enable them to produce evidence-based output on the Covid-19 pandemic.

Dr. Alpha Obika and Adjunct Lecturer, Ms. Yvette Rowe, announced a Call for Papers for their edited collection titled, *Culture, Cash and Class in Jamaica’s Carnival*. Dr. Anthea Henderson also announced a Call for Papers for her edited collection titled, *Young, Digital and Jamaican*.

PUBLIC SERVICE

CARIMAC staff continued to serve various public bodies in the following capacities:

During the period January to May 2023, Ms. Rae-Ann Smith, BFA Film Production Coordinator, participated in rating international short films for the Regina International Film Festival and Awards (RIFFA) Foundation Inc. annual film festival that was held in August 2023. Ms. Smith is a programmer for the Foundation.

On October 25, 2022, Dr. Nova Gordon-Bell participated in a virtual consultative session hosted by the CBU, to review a draft regional social media policy framework for Caribbean media. This UNESCO/IPDC-supported project is designed to assist with the development and enhancement of CBU members' institutional social media policies.

As a member of the planning committee, Mr. David Soutar attended the 3rd Artificial Intelligence for Information Accessibility (AI4IA) 2022 Virtual Conference hosted by the UNESCO Information For All Programme (IFAP) Working Group on Information Accessibility (WGIA) on September 28, 2022, under the auspices of the UNESCO Cluster Office for the Caribbean, Kingston in collaboration with the Broadcasting Commission of Jamaica.

Dr. White attended the CBU's 53rd Annual General Assembly held August 15–17, 2022, at the Magdalena Grand Beach & Golf Resort, Tobago under the theme, 'Media & Information Literacy', where The UWI/CARIMAC was recognised as an Associate Member. He participated in a panel discussion on "The Disinformation Challenge" which was a moderated discussion organised by The Public Media Alliance (PMA), featuring five Caribbean experts from academia, broadcasting and library services.



Mr. Richard Purcell, CBU Vice-President presenting to Dr. Livingston White, Director, CARIMAC a Certificate of Recognition of Membership. Photo Credit: Mr. Caswell Gordon, photographer at the Division of Tourism, Culture, Antiquities and Transportation, Tobago

CARIMAC maintained institutional membership in IAMCR and CBU and staff served on the following committees, boards, public and professional bodies during 2022–2023:

Staff Member	Post	Public and/or Professional Body
Dr. Corinne Barnes	President	<ul style="list-style-type: none"> World Association for Christian Communication (WACC) Caribbean
Dr. Olivia Bravo	Member Member Member Member Member	<ul style="list-style-type: none"> American Academy of Advertising American Marketing Association Association of Consumer Research International Association of Media and Communication Research (IAMCR) Society for Marketing Advances
Mrs. Chevonnese Chevers Whyte	Executive Member Member Member Member Member	<ul style="list-style-type: none"> Jamaica Animation Nation Network (JANN) Animation Educators Forum (International) The Society of Animation Studies (International) Women in Film and Television Jamaica (WIFA) Animation Standards Committee at University Council of Jamaica
Dr. Nova Gordon-Bell	Committee Member	<ul style="list-style-type: none"> TVETEQA Communication Working Committee, NCTVET Jamaica
Dr. Anthea Henderson	Committee Member Member	<ul style="list-style-type: none"> Lateef Edalere Foundation BCJ Digital Media and Information Literacy Framework Oversight Committee
Mr. Alistaire McLaren	Member Member	<ul style="list-style-type: none"> Audiovisual and Integrated Experience Association (AVIXA) Broadcast Educators Association (BEA)
Miss Rae-ann Smith	Programmer Member Committee Member	<ul style="list-style-type: none"> Regina International Film Festival and Awards (RIFFA) Foundation Inc., https://riffa.ca/ University Film and Video Association (UFVA) Caribbean Studies Association (CSA) Film
Mr. David Soutar	Board Member Member Board Member Committee Member	<ul style="list-style-type: none"> ListenMi Caribbean United Way of Jamaica Board of Governance Jamaica Accountability Meter Portal Artificial Intelligence for Information Accessibility (AI4IA)
Dr. Livingston White	Member Board Member Board Member	<ul style="list-style-type: none"> CBU Hall of Fame Committee Creative Production & Training Centre (CPTC) Social Marketing Quarterly (SMQ) Editorial Board

AGILITY

INCOME GENERATION

In addition to its self-financing programmes, CARIMAC generated income through partnering with The World Bank from January-June 2023 to provide logistical support in conducting a Country Opinion Survey in Jamaica, designed to obtain systematic feedback from key stakeholders in the country, to enhance responsiveness and to help improve its capacity to achieve results. The project generated income of \$1,540,000.00. Income totalling \$100,000.00 was also generated through the rental of Annex II to the International English Language Testing Systems (IETLS).

CONCLUSION

CARIMAC was able to seamlessly revert to pre-pandemic normalcy with an active and engaged student body and adequate staffing. With strategic planning and the creation of new partnerships, CARIMAC was able to employ marketing strategies to increase the visibility of the University that will hopefully result in the generation of future income, the awarding of more commercially viable projects, the creation of new opportunities for students and the increase in the quality of research output. The School continues to review its programme offerings and have acquired up-to-date equipment to produce students who are better equipped, well-rounded and industry-ready.

A portrait of Professor James Robertson, a middle-aged man with short brown hair, wearing a light blue button-down shirt. He is looking slightly to the left of the camera with a neutral expression. The background is a soft-focus green, suggesting an outdoor setting with foliage.

DEPARTMENT OF HISTORY AND ARCHAEOLOGY

Professor James Robertson, Ph.D., F.R.Hist.S. – Head of Department

INTRODUCTION

Coming out of the pandemic, with all the opportunities that had been opened for distance learning, alongside the technical challenges involved in teaching remotely, to return to a post-pandemic new normal, would have made the 2022–2023 academic year an interesting time for anyone to lead the Department of History & Archaeology at Mona. The absence of money made things more challenging, with Departments' accounts seized to allow the campus to make payroll. Some events, like the Department's 34th annual Elsa Goveia Lecture had to be rescheduled until the necessary funds could be recovered from our accounts. Here too contributions that had formerly been made by the Campus and Regional Headquarters to support the Department's premier annual event disappeared. We were also told us that we should add fund-raising to our activities.

STAFF

Among our staff one faculty member, Professor James Robertson, returned from a 2021–22 sabbatical and assumed the Chair. A second, Professor Kathleen Monteith also returned from leave but was granted a half load to accommodate her campus committee-chair duties. A third, Dr. Dexnell Peters, a St. Augustine History graduate who had followed his Johns Hopkins Ph.D. with a post-doc at Oxford and teaching at Warwick, arrived to join the Department in July, filling a long-open vacancy – and undertook a full teaching load. At the same time we lost the services of three senior colleagues, Drs. Enrique Okenve and Dr. Taka Oshikiri to well-merited sabbaticals, while our Archaeologist, Dr Zachary Beier, received a leave of absence for family reasons. As he was the Department's only archaeologist, and indeed the only archaeologist in the three campuses' departments, we were fortunate to recruit an experienced U.W.I. Mona graduate, Dr Lesley-Gail Atkinson-Swaby, to replace him. She has an M.Sc. from Glasgow, a Ph.D. from the University of Florida,

impressive publications and substantial experience teaching Jamaican undergraduates, besides experience working with the Jamaica National Heritage Trust and the National Museums of Jamaica. As the year progressed family issues led to Dr. Beier resigning and the Department managed to recruit Dr. Atkinson-Swaby to a tenure-track post to replace him. With no other archaeologists working in the U.W.I. system finding external markers for these classes was resolved by tapping the Institute of Jamaica. Dr. Jonathan Greenland, the Director of the National Museums of Jamaica assessed postgraduate work in Museums and Heritage, while Ms. Evelyn Thompson, MA., Head of Conservation at the Jamaica National Heritage Trust and a past-President of the Archaeological Society of Jamaica, was external for our undergraduate Archaeology classes.

More intransigent problems arose from the institution of a new University policy preventing replacement faculty from teaching our courses, even on line, before they receive their Jamaican work permits. Up until now such faculty have remained at home and taught their courses on-line until the Ministry processes the necessary work permits. This change meant that the well-qualified Asian historian who the Department had recruited as Dr. Oshikiri's sabbatical replacement who, by late July had yet to have his visa processed, felt obliged to resign. The current schedule for this administrative process does not mesh easily with hiring replacement faculty internationally. The process of replacing vacancies has been further complicated by a strict enforcement of bans on employing candidates without Jamaican residency. (The turn-around time between the award of sabbaticals and getting a Jamaican work permit processed is too narrow for such a policy to be feasible and if West Indian candidates are not available will require a substantial gap before a fully visa-ed candidate can join a Department. To deal with this such vacancies will have to be identified in Semester 1, rather than half-way through Semester 2). As the U.W.I.'s own post-graduates do not develop second or third teaching fields during their MA programs here, as they do in U.S. and Canadian programs, departments have limited flexibility for plugging specialized vacancies. The institution of this new policy undercut our offerings in Asian history, though a postgraduate student, Ms. Saundrie-Kay Shaw, was recruited and successfully taught the Department's introductory survey of Chinese history that is a required class for Modern Languages' B.A. in Chinese. When, near the end of Semester Two, the campus sought to ease its budget by allowing people on sabbatical to extend their absence with an unpaid leave, Dr. Oshikiri, who had been consulting with a local company during her stay at the University of Bologna, accepted this offer. This year Ms. Shaw will teach not only the 2nd year survey of Chinese history required for Modern Languages' Chinese program, but also a 2nd year survey of Japanese history for Modern Languages' Japanese language program. (A course that given the short notice the Department was unable to deliver for them last year). Then, a couple of weeks into Semester One of 2023–24, one more of our temporary faculty, Ms. Shantel Cover, a B.A. and 2017

M.A. from our Department, resigned from teaching an undergraduate Heritage Studies class because she had been awarded a well-merited graduate fellowship to complete her Ph.D. in Cultural Studies. She was persuaded to delay her resignation for a week and Dr. Oneil Hall, a Cave Hill History Ph.D. resident in Jamaica, took on the course. Dr. Hall proved an effective teacher and colleague. I was pleased to recruit him to teach summer school, but had no more vacancies to offer to him.

TEACHING: JOINT & POST-GRADUATE PROGRAMMES

These transitions followed four years under Dr. Okenve, a term as chair that included the pandemic. His leadership in getting our courses back up on line was impressive and effective. Despite these distractions as Head of Department he also had overseen the development of a new final year Capstone for our History, and History and Journalism Majors, along with pushing through two joint undergraduate degree programs, one with Journalism and, more recently, a second with International Relations. The numbers enrolling in History and Journalism remain strong; those for the International Relations program remain slimmer, though more History & International Relations students enrolled in 2022–23, the second year it was offered, than on its initial offering. Both programs deliver a motivated cohort of undergraduate students into courses that the Department offers, while encouraging these classes' re-calibration to benefit non-History majors. The International Relations program also widens the horizons for those of our students who participate. Students from other degrees are now being recruited for this program, which should make for more interesting tutorial discussions. I am pleased that History & Archaeology is contributing courses. These joint programs offer models for cooperation with sister departments and my main regret looking back on my year as Department Chair is that we did not manage to make more progress towards developing a joint degree between our undergraduate Heritage Studies and Archaeology courses with the undergraduate Tourism program, from whom our classes receive a stream of enrollees.

Our inheritance of fresh course offerings from Dr. Okenve's term as Chair also includes a recast undergraduate M.A. program in Heritage Studies. The Department had taught Heritage Studies as a one-year program that was last reconfigured in the late 1990s. However, as it increasingly recruited part-time students there were many stragglers under that schedule. At the same time the school teachers among our enrollees increasingly protested that we were asking them to do more than their peers in some other Mona M.A. programs. In 2022–23 the program was reconstructed as a part-time two-year degree taught in the evenings (at the cost of becoming a self-funded degree, where the fees appear to have chased away most school teacher candidates and prove daunting for the museum and rare-book library staff who now comprise our primary recruits. We had enquiries from pro-

spective international students, but no bites). Some of the program's courses do recruit additional graduate students from Anthropology. There were operational problems when the University's Vacancy Monitoring Committee took it upon itself not to authorize the Department to recruit a temporary instructor to teach a key class in Semester One, though we were permitted to hire that instructor in Semester Two instead. This intervention did not help the program's operation. Students had to fit a wide-ranging course in alongside their efforts to write up. They still managed a better completion rate than the former one-year program's graduates, but fewer lessons from the final semester course were adopted into the students' research designs than was intended. A second cohort of this two-year program will commence in September. I hope that this group will not suffer the same disruptions in their second year when there will be a similar need to recruit an additional instructor for this program in Semester One of 2025.

The Department retains a postgraduate program in History and a number of our faculty and instructors are graduates or candidates of this program. Over the last few years it has steered some would-be Ph.D.s into the Department – one of whose defense should be scheduled in semester one of 2023–24, but the numbers are low and our Ph.D. completions are dishearteningly slow. This year we received an able British candidate on a Leverhume fellowship, who is working towards an interesting M.Phil. project. However, these classes have only enrolled between one and two students when offered, and for a Department with a small faculty to tie up both its professors teaching classes with enrollments of one does not appear particularly efficient. I suspended further recruitment to this program in 2023–24 and suspect that several of its more venerable classes will need substantial updating to incorporate twenty-first century scholarship before they are offered again.

STAFF TRANSITIONS & TEACHING OFFERINGS

This Department, like others on campus, has been facing a number of transitions, with posts left unfilled after retirements or departures. Some vacancies have now remained unfilled for over a decade and these empty lines are increasingly vulnerable to transfer to other departments or faculties. This Department will cease to have a trained Europeanist after the current incumbent retires at the end of August, although department members plan to offer occasional survey courses on Europe's early modern, nineteenth- and twentieth-century history when their crowded schedules permit. They do believe that this troublesome continent's past continues to merit consideration by students here in the Caribbean. We are also missing a South Americanist, which undercuts the University's broader engagement with the region.

What was increasingly apparent last year is that while administrative processes shifted over the pandemic, there have been far greater shifts in the backgrounds of the students who have returned to our class rooms. These extend trends that were already becoming apparent before then. Where, twenty years ago, History was the primary pre-Law degree in Humanities, our first-year regional surveys in Asia and Europe were capped at sixty students each and were filled with History Majors who came on to Mona after studying CAPE History at school. This is no longer the case. Now that Law is an undergraduate program, with a further undergraduate Law program over at the University of Technology, History is no longer a pre-Law major. Our numbers still reflect this transition. Almost all the Department's members now acknowledge this development and are eager to adjust to engage with its consequences. Not just in identifying the courses that we can fill, but also to take full advantage of the skill-sets that the non-major students who are now a major presence in all our classes can bring to discussions and tutorials. In this adjustment we need to foreground the skills that taking History classes can offer to such students. Not just in stretching their curiosity but, still more, in learning to evaluate the non-standard data that the past has left as its record and then develop arguments from such imperfect evidence. These are skills that should be useful to undergraduates in all the campus's faculties, whose students can benefit from the practical skills needed in developing arguments from the scrappy evidence that the past has left for us to work with.

RESHAPING HISTORY'S & ARCHAEOLOGY'S UNDERGRADUATE COURSES

Having recognized the changes among the students enrolling in our classes, in 2022-23 the Department undertook a general recasting of its pre-requisites and grading structures. We shared a conviction that courses in History and Archaeology have useful skills to offer to non-History majors. Our goal in re-evaluating our current and backstock courses was not only to acknowledge the skill-sets that the non-majors from other Faculties can bring to our classrooms, but also to foreground the skills that we can offer to such non-major students when they take classes in History, Archaeology or Heritage.

The success of the History & Journalism program means that in 2022-23 most of the courses required for our Majors have had more History & Journalism students than they have History Majors (as of July 2023 we had three or four History Majors per year against a dozen or so History & Journalism students). The Department's second joint degree program in History and International Relations is improving its numbers, though annual enrollments still remain in single digits. In both these programs historians teach the classes and undergraduate historians remain a significant cohort. Participating in these programs widens the options for our students.

In most of the Department's courses that are not part of our joint degrees History Majors are now a minority. This makes for interesting teaching. Given that we currently have very few students from Humanities & Education taking our courses – even the would-be Archivists from Library Studies are sparser than I would have hoped – our classes are instead filled with undergraduates from not only the Social Sciences but also from Pure and Applied too. This last group can have more time to read than Humanities students, all of whose other classes will have long reading lists, but it also means that they may have had limited experience in taking essay-based exams since they were sixteen and do not know how to take full advantage of researching with the Library's open-stack humanities collections. In recognizing these broad changes, the Department spent considerable effort over 2022–23 to recast most of the undergraduate courses that we offer: rebalancing the grade allocations within individual courses away from midterm and final exams – and towards tutorial reports and research papers, many of which incorporate a few marks for an outline, something that few of our students have been taught to consider. In the process older courses that retain our 1980s and '90s 60% exam grade and assign 20% for a brief term paper lost the "research intensive" ratings they were granted thirty or more years ago. I thought that we had caught all of these, as revisions to a pile of venerable classes were processed through FAQAC (both Dr. Sharon Bramwell-Lalor, the Chair of Humanities & Education's FAQAC committee and Dr. Dexnell Peters, our new FAQAC rep, took on overloads to enable this process of revision to be undertaken). In the event around half a dozen stragglers, including some venerable courses which missed revision, lost their "research intense" rating to this process. Correcting this will require revisions to these classes' grade ratios and bibliographies in 2023–24. This time, however, History & Archaeology's requests should not overstrain the FAQAC process.

The process of revision for our course offerings went considerably further. We searched the Department's back-list for courses that would repay reviving. One of the late Dr. John Campbell's undergraduate courses at St. Augustine on 'The History of Sexuality to the Nineteenth Century' was developed out of a History of Sexuality course that he first taught at a summer school here at Mona. On transferring to St. Augustine he split it into a two-semester 300-level sequence. Our colleagues there managed to find his proposal for the first part, which ran from the Kama Sutra to the late Nineteenth-Century, but his subsequent course, running up to the present, has yet to be relocated (even though it remains on the list of classes accepted for their Gender Studies program – though regrettably the program did not have a copy in its files either). We initially intended to simply re-use it, as we have with other classes like the undergraduate Quantitative History course that we also transferred from St. Augustine – a class which is taught to packed classrooms in both semesters (as we have to use Lab classrooms for these courses they are, by default, capped at thirty students). But, given the number of years since Dr. Campbell's class was last

taught, and our intention to teach it as a second-year class – as that is where we expect to find interested non-majors to take it – Dean Kouwenberg required that it go through the whole evaluation process again. It got through FAQAC in July and Faculty Board in August. It will be taught in Semester 2 of 2024. The campus may yet be fly-posted. We are also reviving another second-year undergraduate course on the Archaeology of Africa. This too had to go right through the FAQAC process again as in the fifteen years since it was last taught the evidence for early hominids in Africa has been antedated by three million years. A revision to its time scale that merited a re-submission.

Thus far efforts to acknowledge that the decades when Roy Augier's first year Development of Civilization lectures were a magnet that drew students into History are now long past. A changing of the guard that may well have been marked last July when a fairly fragile Sir Roy came up to campus to make some selections from his book-crammed office prior to its being cleared for re-assignment, though I do hope that he may yet resume attending our Department seminars on line. Instead, the Department is now pushing hard to attract sufficient non-majors so that we can fill a broad range of undergraduate classes to offer our undergraduate majors and joint-majors a choice of courses for their degrees. We are also moving our one semester first year survey of Jamaican history to Semester One. In 2022–23 it was stuck in Semester Two and as 1st year students are not told what courses outside their major are available in Semester Two, we only got sixteen enrollees, primarily History & Archaeology majors. A Semester One version should attract more interested students with a free class slot on their timetable. Given that Jamaican schools do not offer courses on Jamaica's own past, the Department hopes that an introduction to the island's history will recruit students from across the campus.

Reconfiguring our course offerings remains a work in progress. The advertising that was a departmental strength has been undercut by the headhunting of the secretary in our Department office, an alumnae, who had taught herself sufficient skills to offer effective on-line recruiting flyers, to the Dean's Office. Finding a permanent replacement is proving difficult, though a late summer 2023 hire of a recent graduate and former President of the History Club has resulted in some striking posters. This is a temporary fix. The University's staff recruitment system is so cumbersome that it makes "Byzantine" appear a term of praise. We advertised in spring 2022; received a shortlist from Personnel in July and then only offered interviews when we were well into Semester 1. By then it was a very picked-over group with only two participating in on-line interviews. We made an offer to one candidate – the other looked a disaster – but she turned down the terms she was offered. As incoming chair Dr. Cresser will have to see if he can fill this key staff vacancy permanently in 2023–24.

We still have some blocks of courses that are not filling as much as they should, with Archaeology's upper-level courses having thin enrollments. Jettisoning almost all the pre-requisites that used to trim the crowd of would-be archaeologists so they could be crammed into the former Archaeology Lab in the eighteenth-century Bookkeepers' Cottage should allow us to admit some more enrollees (we have had a new lab, with rather more space, for a decade). We are also aiming to develop a new Minor in Heritage (our existing Minor was developed when Archaeology had no spare seats, so no archaeology classes were included in the program; now we have empty seats in Archaeology's upper-level courses, but trying to change the current program would allow the Bursary to switch it into a fee schedule that would effectively exclude our current students). The Department therefore plans to set up a freestanding Heritage Minor but, alas, could not get it into FAQAC in time to make the last BUS committee meeting of Semester 2. That revision will therefore have to be processed in Semester One of 2023-24 to offer to the 2025 entering class. A further task for Dr. Julian Cresser, who will be beginning his term as Chair in August 2023 will be to pitch a Tourism and Heritage program to Tourism to see if we can develop a further joint degree that may yet recruit Tourism's current overplus of would-be students to bring their insights to our Heritage and Archaeology classes. The undergraduate Tourism students who we enrolled in several of our Heritage courses brought fresh insights to those tutorial discussions and assignments.

A longer-term project – which the Department has talked about for at least twenty years – is to develop joint programs with Geography & Geology. As that Department is housed in Pure & Applied, their Faculty requires a pass in a science discipline for admission to their programs. There is a venerable Humanities Geography program for undergraduate Geography students who do not have the required science pass at matriculation. A few years back Dean Waibinte Wariboko transferred the oversight of these students from the Humanities Dean's Office to History & Archaeology. I think that the Department offers them some informed advising (though there were some near stumbles over new pre-requisites in the recently re-formed Geography program – which were fortunately caught and resolved in Summer School so they will march at Graduation). The current Chair of Geography & Geology is considering a proposal to run an extra no-credit introduction to science methods class in Semester One of the Humanities Geography first years, whose successful completion will allow a switch to Geography. (History & Archaeology is not the only traditional discipline with shrinking numbers). I am not sure how far such an overload class will appeal. However, she is also considering new joint degrees, both in Archaeology & Geology (yes, she is a Geologist besides being a former Hon. Treasurer of the Jamaica Historical Society), besides both History & Geography and Archaeology & Geography. Trying to negotiate past her Faculty's Science requirement is a road block that was reaffirmed in that Faculty's latest set of regulations for registration that retained the high school science class as a prerequisite, but there

is certainly potential for greater cooperation. Such cross-disciplinary programs remain well worth pursuing. What History & Archaeology may lose in the numbers of Humanities Geographers currently affiliated with us, the Department is likely to win back – at least in part – via enrollees from Geography and Geology in such joint programs. The opportunity to get our Archaeology students into Life Science’s diving program may yet prove a further recruiter for Archaeology at a time when Jamaica’s tourism sector is proposing to foreground “the sunken city” of Port Royal. Mona has facilities to equip our graduates to serve these needs.

Off campus there was a successful Archaeological Field School at a former coffee estate in the Blue Mountains. This was the first actual rather than virtual field school since the pandemic. Dr. Atkinson-Swaby was successful in negotiating support for an actual field school. The potential for returning to field schools and field trips made the extensive repairs to the Department’s now venerable minivan a high priority and I am grateful to the Campus Bursar’s support for this, and to Toyota Jamaica for undertaking the work despite the tab the University had already run up there. Conversations following comments dismissing the limited field experience of our archaeology graduates that were offered at a retreat for the Board of the Jamaica National Heritage Trust, led to an offer from the Trust’s Director to offer places, with some pocket and travel money, to some of our field school graduates in future summers to dig with the Trust’s teams. The Trust is the leading employer of archaeologists in Jamaica and opportunities for our archaeology students to gain experience there should be beneficial, both when they return their final year’s courses and for the Trust.

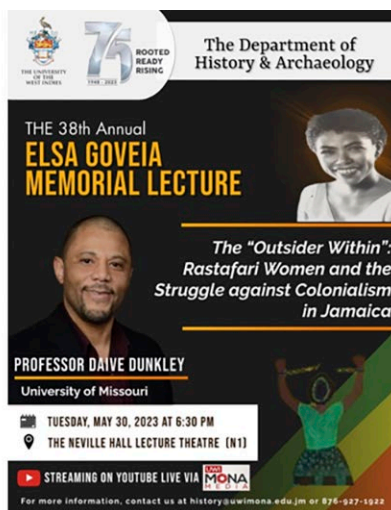
These various efforts to transform our undergraduate offerings to appeal to students across the campus involved almost every member of the Department. In our undergraduate teaching the goal was to move beyond top-down demands for bums-in-seats to fill up our courses. Instead, we sought to make an advantage out of reaching out to sister departments for joint degrees – with Journalism and International Relations already and, potentially, Tourism and Geography in future. Here I believe the Department can either offer or develop programs to bring thoughtful students from other programs into our lectures and tutorials. Classes where they can develop a broader range of skillsets which they can then deploy for interesting careers.

SEMINARS AND OUTREACH

On the broader research front, we have revived the Department Seminar with in-person papers delivered to a mixed audience of face-to-face and distance attendees. Not all Department members have presented or attended, but a larger proportion did so than in previous years. This format means that papers are presented to an

interested and informed audience who are willing to discuss the arguments offered. We have retained most of our former participants despite shifting the Seminar's longstanding Friday time slot, from 3 p.m. to 2 p.m., so that attendance should no longer clash for colleagues who keep a Friday Sabbath. Last year our speakers included a faculty member from the Cayman Islands University, and we also had regular attendance from colleagues at Cave Hill and St. Augustine. There is room to widen participation to include Historians at the Northern Caribbean University and the Teachers' Colleges. I hope that running this seminar, where Dr. Peters undertook increasing amounts of the work, may yet form a useful recruiting tool, alerting faculty advisors from the region's undergraduate programs in History and in Archaeology to the presence and vitality the Department of History & Archaeology offers as a graduate program for the region.

Our broader outreach has come from the former Talking History Saturday morning radio show that Professor Verene Shepherd kindly handed over to the Department. Renamed 'History for Tomorrow', the program is an invaluable resource and offers opportunities for colleagues to discuss their own work and well as offer historically-informed insights onto current events. It is also a useful resource for radio-journalism students in the History & Journalism program.



This year the Department's outreach extended to offering the 38th Annual Goveia Lecture as an in-person lecture by a non-Jamaican-based researcher. This used to be lavishly funded by the University Administration – whose spending is now channeled in different ways. The Department is told to conjure-up sponsors, which would probably have been considerably easier to start doing twenty or thirty years ago. The up-hill challenge will have to be attended. We did receive useful plugs on some of the island's radio shows over the preceding weekend and attendees told me that that was how they heard of the event. This year we were able to recruit

Professor Dave Dunkley, of the University of Missouri, who was an undergraduate and postgraduate student at Mona, before completing a PhD at Warwick and returning to teach at Mona. He was recruited to the Black Studies department at the University of Missouri. He spoke on ‘The “Outsider Within”: Rastafari Women and the Struggle Against Colonialism in Jamaica’ to a fascinated audience. I hope that his text will be submitted for the collected volume of recent Goveia Lectures that is in preparation. It should prove a valuable addition to a useful collection for re-evaluating approaches to the history of the Caribbean. He also found time to talk to our students and we may yet receive flyers for Missouri’s PhD programs.

PUBLICATIONS AND PRESENTATIONS

Our publication ratio has not yet recovered from the pandemic’s closing archives and libraries across the region. An article by Dr. Okenve did win the Faculty’s best publications prize (colleagues in Modern Languages kindly located a Spanish-based researcher who read and appreciated in work on Spanish Guinea). His colleagues await his book with interest.

Book Chapters

- Peters, Dexnell. “Colonial Experiences: Foundations and Fissures in the British and French Greater Caribbean Political Culture,” in Joanna Inness, Eduardo Posada-Carbo and Mark Philp, eds., *Re-Imagining Democracy in Latin America and the Caribbean, 1770–1870* (Oxford: Oxford University Press, 2023), 40pp.

Edited Journal Volumes

- Atkinson Swaby, Lesley-Gail. ed. Yamaye: Jamaican Prehistory and Contact Period. *Journal of Caribbean Archaeology*. Vol. 22 [Special Publication No. 5], 2022.

Journal Articles

- James-Williamson, Sherene, Dolphy, Jorjan, and **Atkinson Swaby, Lesley-Gail**. “Predictive modelling of Prehistoric sites in Jamaica using multi-criteria analysis”. *Journal of Caribbean Archaeology* 22 (Special Publication No. 5), 2022.
- Cresser, Julian. ““Dishonourable Blacks”? The 1983 “Rebel Tour” and Jamaican Nationhood and Identity”, in the *Journal of Caribbean History* vol. 57: no.1 (2023): 56–77 (June 2023).
- Peters, Dexnell, and Farid F. Youssef, “Historical Perspectives on Medical Professionalism in the Caribbean,” *West Indian Medical Journal* (December 2022): 1–7. 10.7727/wimj.2017.106.

Technical Reports

- Peters, Dexnell. Research Report and Resource for the United Kingdom National Trust Global Connections Initiative: “The Shugborough Estate in the Global Eighteenth Century,” National Trust, February 2023. 1–60pp.
- Peters, Dexnell, and Isabel Robinson. Exeter College, University of Oxford and its Legacies of Slavery Report, 2023. 1–37pp.

Conference Presentations

- Peters, Dexnell. “Exeter College, the Gibbs Family and Higher Education in a New Global Economy” Slavery, Institutions, and Empire: Moving Beyond Microhistory Conference, University of Oxford, September 2023.
- Dexnell Peters. “Venezuela and the Caribbean: Historical and Current Parallels of Crisis and Migration,” SALISES Annual Conference, UWI St. Augustine, May 2023.

Seminar Presentations

- Atkinson Swaby, Lesley-Gail. “Vulnerability of the Culture Sector”. Presented at Disasters Heritage: Can Memorializing Disasters make people more resilient Webinar. International Geoscience Programme Projects 718 and 692 in partnership with the UWI Museum, December 1, 2022.
- Peters, Dexnell. “Numbers are daily repairing there, whose fortunes have been shipwrecked elsewhere”: Exploring the Relationship between the Old Colonies and the New Frontier in the late Eighteenth and Early Nineteenth Centuries,” Staff/Graduate Cross-Campus Seminar, DoHA UWI-Mona, November 2022.
- Robertson, James. “The Naval Dockyard at Navy Island: Jamaican Contexts for an imperial project of the 1720s”. Archaeological Society of Jamaica Symposium, May 2023.
- Robertson, James. “A Maroon Ambush at the Stony River in 1731: Contexts and Consequences of a “bad success”. International Charlestown Maroon Conference, 23 July, 2023.
- Watts, Karl. “Saving as a ‘Civilizing’ Measure in the British Empire: The case of the Jamaican Trustee Savings Banks, 1834–1870.” Staff/Graduate Seminar, DoHA UWI-Mona, May 19, 2023.

Special Presentations and Workshops

- Peters, Dexnell. “Principles and Agents: The British Slave Trade and Its Abolition (2022) by David Richardson”. University of Hull Wilberforce Institute Summer Debate on book, May 2023.

- Peters, Dexnell. “Greater Caribbean Maps 1450–1850 Digital History project”, Workshop hosted at the Royal Geographical Society in collaboration with Warwick University on June 13, 2023.
- Peters, Dexnell. “John D. Garrigus’ A Secret among the Blacks: Slave Resistance before the Haitian Revolution”, Wilberforce Institute Summer Debate: Thursday 27 July, 2023.

CONCLUSION

The Department continues to recruit interested students and deliver an array of undergraduate and postgraduate classes. The balance between History majors and non-majors in our individual courses has swung towards the non-majors, who are often very impressive. The challenge of teaching History here remains exhilarating.



DEPARTMENT OF LANGUAGE, LINGUISTICS AND PHILOSOPHY

Dr. Vivette Milson-Whyte, M.Phil.; Ph.D. – Head of Department

The 35 full time and 19 adjunct academic staff, nine (9) full time and one (1) part time administrative staff, one (1) full time support staff and several short term members of the three (3) academic sections, two (2) centres and two (2) units and main office of the Department of Language, Linguistics and Philosophy (DLLP) engaged in 2022–23 with a focus on income generation as we attempted to operationalize the institution’s 2022–27 Strategic Plan which emphasized a “revenue revolution”. We foregrounded engagement in initiatives to generate income or reduce expenditure where income generation was not possible while rationalising our courses and programmes on instruction from the Vacancies Monitoring Committee (VMC), marketing our offerings and attempting to increase research, publications and conference presentations as well as outreach activities.

Simultaneously, academic staff resumed teaching face-to-face, as directed by upper administrators, and made efforts to facilitate students who were unable to resume physically. The Department received permission for one-tenth (a total of 18 and 14 at the start of Semesters 1 and 2 respectively) of the Academic Literacies (FOUN) classes to be offered online weekly. Portions of other courses (always less than 50% of each) could be offered online and academics and students who were face-to-face were encouraged to assist students with travelling/access logistics issues to join classes remotely. Measures to assist such students included blended approaches and patching in mates via WhatsApp but both staff and students (in-person and remote) recognised that such measures were not sustainable.

Most marked in the first semester of the year was the feeling that more preparation could have been done to identify spaces for teaching and have the appropriate equipment and cooling systems in place as some staff and students found themselves literally dripping wet in classrooms. Before a month was out, staff were trying to keep their footing between the challenges and the Head of Department’s charge for them to make the year more than an ordinary one, know their role and pursue their goals in full awareness of institutional limitations. While the Department’s

participation in income generation was ultimately limited, members were quite successful with regard to Access, Alignment and traditional aspects of Agility.

ACCESS

We made significant strides in our marketing and outreach efforts to increase the visibility of the Department in the public sphere and to attract new undergraduate students. We promoted our course offerings on social media platforms by creating new animated images and videos to increase engagement, started an E-newsletter circulated via Mona Messaging, participated in World Quality Week with a video featuring past students of our courses, and had past and current students and staff call current and potential students. Various staff members participated in recruitment visits to high schools and we also increased our efforts in establishing collaborations and partnerships during the reporting period. These initiatives were aimed at raising awareness about academic writing, linguistics and philosophy; fostering student engagement; and positioning the DLLP as a hub for intellectual development geared at making a positive societal impact.

Our 2022–23 offerings

We continued to ensure delivery of the following undergraduate courses and programmes:

- a B.A. and Minor in Philosophy;
- five (5) Linguistics B.A. programmes (Linguistics; Language, Communication and Society; Linguistics and Language Education; Languages and Linguistics; and Caribbean Sign Language Interpreting), a Minor in Linguistics, and a Minor in Caribbean Sign Language Interpreting;
- the Academic Literacies courses at the Mona and Western Jamaica Campuses and in affiliated Tertiary Level institutions in Jamaica, St. Kitts and St. Vincent and the Grenadines and a Minor in English Language Writing and Speech; and
- electives in language, linguistics, philosophy.

At the graduate level, we continued to offer:

- Advanced Academic English Language Skills to students in the faculties of Social Sciences, Medical Sciences, Science and Technology, and Humanities and Education;
- the M.A. English Language;
- the M.A. in Africa and African Diaspora Studies;
- the M.A., M.Phil. and Ph.D. in Philosophy; and
- the Postgraduate Diploma, M.A., M.Phil. and Ph.D. in Linguistics.

Beyond our three (3) academic sections of language, linguistics and philosophy, we continued work in two (2) units and two (2) centres as follows:

1. determining incoming students' reading and writing competence in English through English Language proficiency testing (the ELPT).
2. testing the English Language proficiency of individuals who wish to live/work/study in countries in which English is a language of communication – through the British Council's International English Language Testing System (IELTS) via four (4) tests: IELTS paper-based test, computer-delivered IELTS tests (CD IELTS), CD IELTS tests for UK Visas and Immigration (CD UKVI) and the Life Skills test.
3. assisting students and other stakeholders with writing being done in courses and generally via the Writing Centre.
4. conducting research into Jamaican and other Caribbean languages, contributing to consciousness-raising of Caribbean peoples regarding language and lobbying for language rights via the Jamaican Language Unit (JLU).

At all levels, staff continued to facilitate students' development, engaged in personal and professional development activities and contributed to institutional growth.

TEACHING/LEARNING AND (UNDERGRADUATE) STUDENT DEVELOPMENT

The Department offered 35 undergraduate and 17 postgraduate courses in Semester 1, 40 undergraduate and 20 postgraduate in Semester 2, and 11 undergraduate courses (with enrolment of 290 students) in Summer School of 2022–23 (See Table 1). For the academic year, six (6) new students registered for the BA in Philosophy while 71 students registered for Linguistics programmes, and there were over 160 streams of academic literacies courses weekly in Semester 1 and over 120 courses weekly in Semester 2. Additionally, the new courses PHIL3120: Biomedical Ethics (Semester 1) and PHIL3110: Environmental Ethics (Semester 2) exceeded their quota in the first week of registration. However, our courses were not without concerns as staff and students faced operational challenges over which they had no control. These ranged from inadequate classroom space (especially for laboratory sessions in FOUN1019) and unsatisfactory classroom conditions to challenges associated with registration.

Owing to delayed approval of posts for teaching by the VMC, some Linguistics and Philosophy courses were not available early on the Student Administration System (SAS) when students wanted to select them for study in Semester 1. When those courses were eventually available on SAS for registration, some suffered unprecedented low registration. There were also general delays by the Registry Information Systems (RIS) in uploading the Department's Course Offering and amendments to courses. These delays impeded the smooth registration of students

Table 1: Number of Courses the DLLP offered in Semesters 1 and 2 and Summer School, 2022–23

Section	Undergraduate			Postgraduate	
	Semester 1 courses	Semester 2 courses	Summer School courses (& enrolment)	Semester 1 courses	Semester 2 courses
Language					
*Academic Literacies	4 (~162 streams)	4 (~127 streams)	5 (193)	N/A	N/A
*Language	2	3	2 (42)	1	1
Linguistics	14	17	2 (29)	11	14
Philosophy	15	16	2 (26)	5	5
Total	35	40	11 (290)	17	20

and consumed a large amount of Coordinators' time in attempting to address the situation. Thankfully, despite these challenges, students benefitted from the teaching/learning opportunities afforded them.

Pass/Fail Results – Undergraduate Courses

When 2022–23 results for each semester are disaggregated and undergraduate students who registered but did not attend classes are eliminated from the total count in courses, pass rates range from high 70s (except in an instance of 63%) to 100% as indicated in Table 2.

Table 2: Disaggregated Results for the DLLP for 2022–23

Section	Sem. 1, 2022–23	Sem. 2, 2022–23	Summer Schl, 2022–23
Academic Literacies (FOUN) courses	over 86% to over 95%	over 79% to 100%	over 83% to 98%
English Language Writing and Speech (LANG) courses	over 98% to 100%	over 79% to 100%	over 92% to 100%
Linguistics courses	over 85% to 100%	over 63% to 100%	100%
Philosophy courses	over 79% to 100%	over 78% to 100%	100%

Staff-Student Liaison Meetings/Student Evaluations

Students provided largely positive feedback on teaching in most courses during Staff-Student Liaison meetings in both semesters. Their few complaints concerned lecture slides that were not posted to OurVLE in very few courses and structure/pace/workload/uncooperative group members in a few others. Staff in those meetings expressed that a) they enjoyed classes and would address students' comments/suggestions and b) some students did not attend classes/consultation sessions, did

not read or watch recordings or did not engage sufficiently with course materials to benefit from them. Student evaluations of teaching were unavailable for Semester 1; however, the average rating given for Semester 2 was 4 out of 5 for the Department.

The Department also received positive feedback on the following activities that were hosted for both undergraduate and graduate students' development:

1. LOUD Linguistics Club empowerment sessions, including sessions on mental wellness.
2. Guest Presentations in courses: Students benefitted from advisory and motivational interactive sessions with special invited guests with specific relevant expertise in the subject matter, as well as with students who had formerly pursued the courses or who were pursuing the courses.
 - a. LING3909: Panel Discussion on the Practice of Interpreting – organised by the lecturer, Ms. Sandra Hamilton, and held in March 2023 for students to meet and learn from practicing interpreters and translators from various countries and language backgrounds.
 - b. FOUN1016: i) Blair Santos – “The FOUN1016 Experience in Retrospect: Motivation for New Students” (October 2022); ii) Jamilia Morgan – “My Experience Writing the Collaborative Essay” (October 2022); and iii) Sheri-Gaye Johnson – “Planning and Delivering the Collaborative Presentation” (November 2022)
 - c. FOUN1014: Abishua Johnson – “Ways in which FOUN1014 was beneficial to personal and professional development as a student; applicability to other courses” (Jan. 2023)
 - d. LANG3001: i) Professor Tanya Haye, Lecturer, Communications Department, Faculty of Language, Literature & Performing Arts, Douglas College, British Columbia (Nov. 2022); ii) Mrs. Annette Robotham, President, College of Insurance & Professional Studies (CIPS) Communicators Toastmasters Club, Kingston (Nov. 2022); and iii) Dr. Robynne Chutkan – Host of PBS Special ‘Gutbliss’, TED talk presenter “Why the Microbiome is the Future of Medicine” and Washington DC-based Gastroenterologist (Apr. 2023).
3. The Linguistics Section’s annual Undergraduate Research Conference, held on April 20, 2023 under the theme “60 Years of the King’s English: The Jamaican Speech Community and Beyond”: Undergraduate students presented on selected topics from Linguistics courses they had taken and research they had done as part of their course requirements. The event was successfully organized by students of the Postgraduate Linguistics Workshop course LING6611: *Workshop Series on Professionalism in Linguistics*.
4. Philosophy Public Lecture entitled “African Philosophy and Cultural History of Ideas,” delivered online by Professor Edwin Etieyibo (University of Witwatersrand in South Africa & Adjunct Professor at University of Alberta, Canada) to over 84 participants on April 5, 2023.

Other initiatives undertaken to enhance student development included:

- Academic writing and critical thinking skills workshops and coaching sessions in the Writing Centre (TWC) to provide support for all undergraduate and graduate students.
- Change in the English Language Proficiency Test (ELPT) policy: Students who attained a CSEC English Language Grade 3 or below or Levels IV and V in CAPE Communication Studies should be directed to register for “Critical Reading and Writing in the Disciplines” (FOUN1019) upon entry to The UWI, Mona; however, these students should still be given the option of sitting the ELPT. This change was approved for implementation in 2023–24.

Student Awards

During the Faculty’s Annual Student Awards Ceremony held in-person in the Neville Hall Lecture Theatre (N1) and streamed via UWI MonaMedia on November 10, 2022, the following students were recognised for demonstrating academic excellence in their programmes/courses within the Department for the previous academic year (2021–22):

The Language Prize – For most outstanding academic performance in:

FOUN1002: Language: Argument	Jade Normalae Simmonds
FOUN1013: Critical Reading and Writing in the Social Sciences	Rashika Sushanna Samuels
FOUN1014: Critical Reading and Writing in Science & Technology & Medical Sciences	Jahvaine Junior Currie
FOUN1016: Critical Reading and Expository Writing in the Humanities and Education	Jamilla Danielle Morgan
FOUN1019: Critical Reading and Writing in the Disciplines	Tavory Alex Simpson
LANG2001: Language and Ethics	Delisa Nathania McLean
LANG2003: Critical Analysis of Communicative Events	Jeneilia Jenecia Roberts
LANG3001: The Art of Public Speaking	Abigail Faith Whittingham
LANG3003: Technical Writing	Adam Justin Ross Minott
LANG3101: Workplace Communication: Principles and Practices	Sasha-Gaye Toni-Michelle Clarke

The Linguistics Prize – For most outstanding academic performance in:

Linguistics, Level I	Thoneisa Parisa Jarrett
Formal Linguistics, Level II	Asmahani-Aza Erin McLean Cooke
Non-Formal Linguistics, Level II	Tanya Tameka Joseph
Formal Linguistics, Level III	Reana Davis
Non-Formal Linguistics, Level III	Reana Davis
John Reinecke Memorial Prize: (Top Pure Linguistics student for 2021/2022)	Reana Davis

The Philosophy Prize – *For most outstanding academic performance in:*

Philosophy, Level I	Andrew Blake
Philosophy, Level II	John Vianney Turyasingura
Philosophy, Level III	Mark Donovan Spence

Departmental Prize – *For most outstanding academic performance in programmes:*

Language, Communication and Society	Jody-Kay Myles
Linguistics and Language Education	Zoya Henry and Celeste Comrie

GRADUATE STUDENT MATTERS**Programmes/Registration**

Over 50 students were registered in the Department's graduate programmes at the start of 2022–23. A few deferred study/withdrew/took leave of absence while others completed their programmes during the year. Table 3 provides information regarding students who completed and continued their programmes in 2022–23.

Table 3: Registration of graduate students who completed/continued DLLP programmes in 2022–23

Degree	English Language	Linguistics	Philosophy	Africa and African Diaspora Studies
Postgraduate Diploma		2 completed		
Master of Arts	21 (P/T)	3 continuing (2 P/T, 1 F/T)	1 completed, 2 continuing	3 continuing
Master of Philosophy		8 continuing (5 P/T, 3 F/T)	6 continuing (1 F/T, 5 P/T)	
Doctor of Philosophy		1 completed, 4 continuing (2 P/T, 2 F/T)		

Mentorship (beyond the initiatives noted earlier) and student engagement

1. Professor Lawrence Bamikole gave presentations to graduate students of the Faculty of Humanities and Education as follows:
 - “Connecting Philosophy with Research Productions” on September 30, 2022.
 - “Strategies for Engaging in Scholarly Texts” on March 3, 2023.
2. The Philosophy Section implemented various measures to try to assist the three (3) students who were registered in the Africa and African Diaspora Stud-

ies Programme offered jointly by The University of the West Indies and the University of Lagos in Nigeria (UWI-UNILAG).

3. Five (5) students presented in a Philosophy Section Graduate Seminar on October 12, 2022.
4. Honorary Research Fellows (engaged for 2022–2024) offered various forms of mentoring support to graduate students and junior staff, including delivering presentations in the Department's events.
5. Ms. Annie Kitchin, a student in the M.A. Linguistics, attended the International School in Linguistic Fieldwork held in Paris, France, September 5–9, 2022.
6. Mr. Rudolph Ellis presented “Decoloniality: Much Ado About Nothing” at Canada-Caribbean Institute Symposium, held under the Theme *Decoloniality: Past, Present and Future Directions*, at The UWI, Cave-Hill Campus, February 23–25, 2023. (28 slides).
7. Mrs. Tanyia Joy Wilkins Miller presented “Sociolinguistic influence on Phonological Development in Jamaican Children” at the Winter Meeting of the Society for Pidgin and Creole Linguistics, held virtually, January 13, 2023 (19 slides) and “*Phonological Development in Jamaican Children: Navigating a Linguistically Complex Environment*” at the Summer Meeting of the Society for Pidgin and Creole Languages, held at the University of Groningen, The Netherlands, June 26–29, 2023. (24 slides).
8. The Department's Postgraduate Research Seminar was held virtually on June 28, 2023 for graduate students to present on their research and receive feedback from academic staff besides their supervisors.

Scholarships and Departmental/Other Awards

- Ms. Shanique Taylor received a UWI Postgraduate Scholarship and Ms. Sashann Dixon had hers renewed for the 2022–23 academic year.
- Ms. Juliet Jackson (Linguistics), Ms. Britny Palmer (Linguistics), Ms. Donikue Campbell (Linguistics), Ms. Elaine Fenelus (Linguistics), Mr. Oluwadamilola Ajayi (Philosophy) and Ms. Jillian Watson (Linguistics – Sponsored by Chemistry) received Departmental Awards for the 2022–23 academic year.
- The Department was pleased that an alumna of Linguistics, Professor Shelome Gooden (University of Pittsburgh) delivered the Faculty's Distinguished Lecture “Beyond Scholarship in the Humanities and Social Sciences: Lessons from Linguistics” on April 26, 2023.

Postgraduate Degrees Awarded

Mr. Andy Spence and Ms. Renae Peynado were awarded the M.A. in Linguistics; Ms. Amanda Gooden and Mr. Kemar Wright were awarded the Postgraduate Diploma in Linguistics; and 13 students were awarded the M.A. in English Language, four (4) of them with Distinction.

MPhil Upgrade Seminars

The Philosophy Section successfully guided two of its graduate students through their MPhil Upgrade Seminar as follows:

- Ms. Janice Smith. Topic: “Orality, Rationality and Epistemic Justification in Caribbean Philosophy.” February 14, 2023.
- Mr. Rudolph Ellis. Topic: “Towards a Reconciliation of Post-Colonial Self in the Discourses of Poeticism and Historicism in Caribbean Philosophical Thought.” April 21, 2023.

EMPLOYEE ENGAGEMENT AND DEVELOPMENT

The Department continued to advocate for staff in terms of timely approval of posts, issuing of contracts, access to the e-system, payment for services rendered, and promotion/career progression. In the main, we were successful. Approval was granted for a regular lecturer in the English Language Section, so advertising, interviewing and selection followed for the appointment to be made for 2023–2024. Multiple adjunct and temporary full time posts were also approved across the Department. However, approval was not granted when a regular full time lecturer post in Philosophy was requested. Additionally, approval of posts was delayed at the start of the second semester when colleagues encountered emergencies and additional staff members were required. Due to the relatively low 2022–23 student intake, projections made for student numbers, especially in the Academic Literacies courses, had to be lowered after the first few weeks of each semester. This change resulted in a reduction in the hours assigned to adjunct staff and a redeployment of full-time staff in several courses. Several Instructors were required to straddle courses, necessitating quick adjustment to course material, but most executed teaching with grace.

We also continued to encourage leave-taking so that staff can find spaces to rest and advance research in more ways than they are usually able to do while fulfilling teaching and other duties. In that regard, Dr. Caroline Dyche (Lecturer) returned from Sabbatical Leave and Mrs. Julian Hylton-Chambers (Instructor) proceeded on Sabbatical leave. Dr. Sandra McCalla went on No Pay Leave and was replaced temporarily by Mr. Simeon Mohansingh for 2022–23.

In terms of progression, Instructors Mrs. Kelleen Sewell-Ayton and Ms. Dadre White were offered renewal of contract on indefinite employment, retroactive to August 1, 2022, and Mr. George McCaulsky, Ms. Tereka Brown and Ms. Loverne George were offered regular 2-year Instructor contracts, also beginning August 1. During a lunch meeting on June 14, 2023, we bid farewell to Professor Lawrence Bamikole who was scheduled to retire at the end of the academic year.

Psycho-Social Support

One staff member was granted a reduced workload for 2022–23 while two members were granted leave of absence for Semester 2 – for medical reasons. Their duties were reassigned to existing staff and/or covered by new staff who graciously offered support beyond teaching.

Besides department meetings held to keep staff abreast of developments and the objectives for the year/semester, each academic section had meetings before or early in each semester to establish guidelines for teaching and offer suggestions for professional development. The English Language Section, in particular, held successful professional development plenary sessions for staff at the beginning of each semester (August 18, 2022 and January 11, 2023).

PUBLICATIONS

Members of the academic staff continued to find spaces to research, write and publish materials while carrying heavy teaching loads or during leave periods that the Department encourages. Faculty members recorded the following publications in 2022–23:

Books & Monographs

- Hollington, Andrea, **Joseph T. Farquharson**, and Byron M. Jones (eds.). *Contact Languages and Music*. Kingston: University of the West Indies Press, 2022.

Book Chapters

- **Bamikole, Lawrence** and John Ayotunde Isola Bewaji. “Moral Responsibility in Traditional Yoruba Society.” *Philosophical Reflections on Some Concerns and Values in African Societies*, edited by F. Ochieng’-Odhiambo. United Kingdom: Cambridge Scholars Publishing, 2023, pp. 61–97.
- Devarakonda, Balaganapathi. “Dissent and Democracy in Early Buddhism.” *Great Transition in India: Issues and Debates*, edited by Chanwahn Kim and Misu Kim. Singapore: World Scientific Publishing and Institute of Indian Studies, 2023. <https://doi.org/10.1142/13307>
- **Farquharson, Joseph T.** and Bettina Migge. “Sociolinguistics in the Caribbean.” *The Routledge Handbook of Sociolinguistics around the World* (2nd ed.), edited by Martin J. Ball, Rajend Mesthrie, and Chiara Meluzzi. London: Routledge, 2023, 12 pp.
- **Farquharson, Joseph T.**, Andrea Hollington, and Byron M. Jones. Introduction. *Contact Languages and Music*, edited by Andrea Hollington, Joseph T. Farquharson, and Byron M. Jones. Kingston: University of the West Indies Press, 2022, pp. 1–13.

- **Messam, Trecel** and Michele Kennedy. “Jamaican Creole Tense and Aspect in Contact – Insights from Acquisition and Loss.” *Social and Structural Aspects of Language Contact and Change*, edited by Bettina Migge and Shelome Gooden. Berlin: Language Science Press, pp. 287–324. DOI:10.5281/zenodo.6979325.
- Oenbring, Raymond and **Vivette Milson-Whyte**. “When the Writing Program Farm is a Former Plantation: Transnational Writing Program Administration in the Anglophone Caribbean.” *Teaching and Studying Transnational Composition*, edited by Christiane Donahue and Bruce Horner. New York: Modern Language Association of America (MLA), 2022, pp. 227–242.

Refereed Journal Articles

- **Devarakonda, Balaganapathi** and Nidhi Jarwal. “Youth Participation in Democratic Politics: Impediments and Prospects.” *Journal of South Asian Studies* 27.4 (2022): 49–70. DOI: 10.21587/jsas.2022.27.4.003
- Gautam, Raul D. and **Balaganapathi Devarakonda**. “Towards a bioinformational understanding of AI.” *Artificial Intelligence & Society* 37 (2022):1–23. <https://doi.org/10.1007/s00146-022-01529-5>
- Devarakonda, Balaganapathi. “Conversations on Psychological Counselling and Philosophical Counselling: Examining the Convergences and Divergences Between Philosophical and Psychological Counselling.” Special issue on Philosophical Counselling: Concepts, Methods and Debates in *Philosophical Practice: Journal of the American Philosophical Practitioners Association*, 18.1 (2023): 3072–3084.
- **Milson-Whyte, Vivette** and **Annife Campbell**. “Neo-liberal Influences and Academic Writing Support Systems in Higher Education.” *The UWI Quality Education Forum*, 26 (2022): 119–145.
- Omosulu, Rotimi. “Western and African Perspectives on Value.” *NAJOP: Nasarawa Journal of Philosophy*, 7.2 (2022): 1–19.

Non-refereed Publications

- Devarakonda, Balaganapathi. “Expanding Frontiers of Knowledge” *Vantage: Journal of Thematic Analysis*, 4.1 (2023): 1–4.
- Devarakonda, Balaganapathi. “K. Satchidananda Murty.” *The Panorama of Indian Philosophers and Thinkers: Encyclopedic collection*, edited by S. R. Bhatt and Neerka Arun Gupta. Bhopal: Sachi University of Buddhist-Indic Studies, 2023, pp. 393–403.
- **Devarakonda, Balaganapathi** and Vikas Baniwal. Editorial Introduction. Special issue on *Philosophical Counselling: Concepts, Methods and Debates in Philosophical Practice: Journal of the American Philosophical Practitioners Association*, 18.1 (2023): 3024–3026.

- **Devarakonda, Balaganapathi** and Vikas Baniwal. Editorial Introduction. *HASER Revista Internacional de Filosofia Aplicada*, 14 (2023): 13–17.
- **Lawrence, Jasmin** and **George McCaulsky**. “Reimagining Academic Writing Experiences in a Pandemic: Tutors of Science Majors Reflect on the Transition to Remote Teaching.” *Journal of English Teaching* (JET publication of the National Association of Teachers of English in Jamaica), 46 (2022): 4–10.

ALIGNMENT

Staff members seized the opportunity for professional development presented by conferences, panel discussions, symposiums, talks, webinars and workshops that continued to be held virtually or were increasing face-to-face. Some of these sessions addressed the popular subject of “Academic Integrity and Artificial Intelligence (AI).” These staff members, some of whom accessed their Study and Travel Grant to pay registration fees for virtual sessions, included Mrs. Jesse Antwi-Cooper, Professor Lawrence Bamikole, Ms. Khimaja Connell, Professor Balaganapathi Devarakonda, Dr. Caroline Dyche, Dr. Joseph T. Farquharson, Dr. Carmeneta Jones, Ms. Jasmin Lawrence, Ms. Dejon Lingo, Dr. Vivette Milson-Whyte, Ms. Sandra Minott, Mrs. Lileth O’Connor-Brown, Dr. Rotimi Omosulu and Mrs. Tanyia Joy Wilkins Miller. Some sessions were hosted by the Caribbean Association of Tertiary-Level Academic Literacies Practitioners (CATALP); The Chronicle of Higher Education; Conference of the Modern Language Association of America (MLA); the Convention of the Conference on College Composition and Communication (CCCC); European Association of Teachers of Academic Writers (EATAW) Conference; National Council of Teachers of English (NCTE, USA); National Conference of the Association of Professional Philosophers of Nigeria (APPON); UWI/ UNESCO; the various UWI campuses; and various Universities in Germany and in India. Some of those colleagues and others also participated in the 2nd Annual FHE Research Symposium and Launch of the FHE Research Index on June 2, 2023.

PAPERS PRESENTED

Some academic staff members and graduate students were also able to advance research that they had started before or during the pandemic and shared their research findings in seminars/webinars, workshops and conferences. The following are some of their presentations given at major seminars/conferences:

- **Mr. Annife Campbell**: “Does Past Writing Determine Future Writing? Predicting Marks on Undergraduate Students’ Essays Using a Predictive Probability Approach.” Paper presented at the sixth triennial Writing Research Across Borders (WRAB VI) conference held at the Norwegian University of Science and Technology, Trondheim, Norway, February 18–22, 2023. 27 slides.

- **Ms. Khimaja Connell:** “Radicalism Creolisation: Beyond Slavery and Colonialism.” Paper presented virtually at the International Colloquium on Global African studies in Africa, the Caribbean and Latin America organised by Pan-African Strategic & Policy Research Group (PANAFSTRAG) and Academy of African Indigenous Religions, Theology and Arts (AAIRTA) and PJ Patterson Institute for Africa Caribbean Advocacy on February 15, 2023. 34 slides.
- **Ms. Khimaja Connell:** “Claiming Oceanic Territory: Ethical Considerations.” Paper presented to the National Bioethics Committee of Jamaica (NBCJ), JNC-UNESCO, Kingston, Jamaica, March 30, 2023. 36 slides.
- **Ms. Khimaja Connell:** “Defying Canons: Amy Jacques Garvey and Edna Manley as Caribbean Women Philosophers.” Paper presented in the Online Conference on Non-Canonical Women in the Histories of Philosophy organised by Koselleck Project Histories of Philosophy in a Global Perspective, Universität Hildesheim, Germany on March 16, 2023 and in a webinar hosted by Carney Latin American Solidarity Archive (CLASA), University of Detroit Mercy, Detroit, USA, April 18, 2023. 24pp.
- **Ms. Khimaja Connell:** “Considering the Russia-Ukraine War Through the Lens of Creolisation: Being and Becoming More Than We Are.” Paper Presented at Salzburg Philosophical Society, Salzburg, Austria, June 28, 2023. 20pp.
- **Dr. Keren Cumberbatch:** “A First Look at Contact Signing in CARICOM.” Paper presented at the 7th Symposium on the History of English Lexicography and Lexicology, held online and hosted jointly by the Jamaican Language Unit (JLU) at The University of the West Indies, Mona, and the Richard and Jeannette Allsopp Centre for Caribbean Lexicography at The University of the West Indies, Cave Hill, June 7–8, 2023. 19 slides.
- **Professor Balaganapathi Devarakonda:** “Philosophical exploration into the journey of Hanuman in Sundarakanda.” Presentation in a session organized online by the Centre for Theology at Shoolini University, Solan, India, August 29, 2022. 9 slides.
- **Professor Balaganapathi Devarakonda:** “How to complete a task? Lessons from the journey of Hanuman in Sundarakanda.” Lecture in a session organized online by the Centre for Professional Development in Higher Education at the University of Delhi, Delhi, India, August 24, 2022. 10 slides.
- **Professor Balaganapathi Devarakonda:** “Exploring the Focus of Human Action: A space that conflates Meditative Inquiry and Philosophical Counselling.” Paper presented in the International Conference on *Engaging with Meditative Inquiry in Teaching, Learning and Research*, organised online by the Faculty of Education, Mount Saint Vincent University, Canada, August 18, 2022. 6 slides.

- **Professor Balaganapathi Devarakonda:** “Spirituality and Sustainable Life: A few Observations.” Paper presented in an online conference on Spiritual Consciousness-driven Art, Science & Engineering for Ultimate Sustainability of Life on Earth, organised by Dayalbagh Educational Institute (DEI), India; Arizona State University, USA; University of Kiel, Germany; University of Waterloo, Canada; University of Western Ontario, London, Canada; University of Birmingham, UK, January 1, 2023. 7 slides.
- **Professor Balaganapathi Devarakonda:** “Philosophical Counselling.” Keynote address delivered at the inauguration of the Centre for Philosophical Counselling, Values and Well-being organised by Daulat Ram College, Delhi, India, February 27, 2023. 15 slides.
- **Professor Balaganapathi Devarakonda:** “Future Prospects for Philosophical Counselling in India.” Online lecture in a seminar organized by the Philosophical Practitioners Association of India, New Delhi, March 24, 2023. 12 slides.
- **Professor Balaganapathi Devarakonda:** “The Role of Philosophy in Addressing Health and Global Environmental Concerns.” Inaugural lecture in the Global Conversations Series hosted by the Open Campus in recognition of the 75th Anniversary of The UWI, June 29, 2023. 11 slides.
- **Professor Balaganapathi Devarakonda:** “Being Equanimous: Learning from the Bhagavad Gita.” Lecture delivered in a programme organised online by the American Philosophy Practitioners Association, New York in collaboration with PPAI, India, July 16, 2023. 15 slides.
- **Dr. Caroline Dyche:** “The Issue of Language and Identity in Caribbean Tertiary-level Academic Literacies Instruction: A ‘Carpe Diem’ time for AL practitioners.” Paper presented at the Society for Caribbean Linguistics 50th Anniversary Conference, August 2, 2022. 13 slides.
- **Dr. Joseph T. Farquharson** and Dr. R. Anthony Lewis (Honorary Research Fellow): “Approaches to Terminology Expansion in a Caribbean Creole Language: The Case of Jamaican.” Paper presented at the Inaugural Colloquium of the Translators’ and Interpreters’ Association of Jamaica, under the theme “Translating and Interpreting (in) the Caribbean: Current Trends and Future Prospects,” September 30 2022. 14 slides.
- **Dr. Joseph T. Farquharson:** “Past Time Reference in Jamaican between Superstrate and Substrate.” Paper presented at the Winter Meeting of the Society for Pidgin and Creole Linguistics, held virtually, January 12–13, 2023. 16 pp.
- **Dr. Joseph T. Farquharson:** “Contact Languages and the Sociolinguistics of Diaspora: Towards an Integrated Approach.” Paper presented in the Department of Linguistic and Cultural Evolution at the Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany, January 18, 2023. 15 slides.

- **Dr. Joseph T. Farquharson:** “Questioning Language and Knowledge: The Challenge to Creole-speaking Communities.” Virtual talk for Bonington Gallery in the UK to mark Cedar Lewisohn’s solo exhibition called “Patois Banton,” April 5, 2023.
- **Dr. Joseph T. Farquharson:** “Language contact, word-formation, and the evolution of an urban register: The case of Toronto slang.” Virtual presentation in the Colóquio de investigación lingüística, Universidad de Sonora, Mexico, May 5, 2023. 13 slides.
- **Dr. Joseph T. Farquharson:** “From possessive noun phrase to interjection: Mapping a lexification network in an English-related Creole.” Paper presented at the 24th Biennial meeting of the Dictionary Society of North America, held in Boulder, Colorado, May 31–June 3, 2023. 10 slides.
- **Dr. Joseph T. Farquharson:** “Language contact and issues for the lexicography of English and English-related varieties.” Paper presented at the 7th International Symposium on the History of English Lexicography and Lexicology, held online and hosted jointly by the Jamaican Language Unit (JLU) at The University of the West Indies, Mona, and the Richard and Jeannette Allsopp Centre for Caribbean Lexicography at The University of the West Indies, Cave Hill, June 7–8, 2023. 11 slides.
- **Mr. George McCaulsky:** “Queering the Jamaican Language/Writing Classroom: Perspectives and Possibilities.” Paper presented at the 29th annual Lavender Languages and Linguistics Conference held at the University of Idaho at Boise, Idaho, USA, March 10, 2023. 14 slides.
- **Dr. Trecel Messam:** “Effects of the Second Language on the First: An Examination of Stability in Attrition after 10 Years.” Paper presented at the Winter Meeting of the Society for Pidgin and Creole Linguistics, held virtually, January 13, 2023. 32 slides.
- **Dr. Vivette Milson-Whyte:** “Audacious/Persistent Hope: Intersections in Language Advocacy.” Paper presented in an online on-demand session of the Convention of the Conference on College Composition and Communication held in Chicago, Illinois, February 15–18, 2023. 19pp.
- **Dr. Vivette Milson-Whyte and Mr. Annife Campbell:** “Writing’s Worth: A Critical Reflection from Academic Writing Scholars and Teachers associated with the Anglophone Caribbean.” Paper presented in hybrid* format at the sixth triennial Writing Research Across Borders (WRAB VI) Conference held at the Norwegian University of Science and Technology, Trondheim, Norway, February 18–22, 2023. *Dr. Milson-Whyte presented online while Mr. Campbell was in-person. 27 slides.
- **Ms. Sandra Minott:** “Of COVID-19 and BMA Genomes in Bilingual Sentence Strands: A Mathematical Iteration Towards Creole Robotics.” Poster presented

at the sixth triennial Writing Research Across Borders (WRAB VI) Conference held at the Norwegian University of Science and Technology, Trondheim, Norway, February 18–22, 2023 and at the 4th Biennial Mixed Methods Research Conference, held at The University of the West Indies, Trinidad & Tobago, July 10–12, 2023.

- **Dr. Rotimi Omosulu:** “Omoluabi as an Objective Moral Value in Yoruba Thought System.” Paper presented virtually at the International Colloquium on Global African studies in Africa, the Caribbean and Latin America, organised by Pan-African Strategic & Policy Research Group (PANAFSTRAG) and Academy of African Indigenous Religions, Theology and Arts (AAIRTA) and PJ Patterson Institute for Africa Caribbean Advocacy, February 15, 2023. 19 slides.
- **Dr. Rotimi Omosulu:** “Human-Nature Relationship: From Nonboundary to Boundary.” Paper presented at the Geo-Aesthetics 16th Annual Conference hosted by Towson University, USA, March 17–18, 2023. 17 slides.
- **Dr. Rotimi Omosulu:** “Beyond Ecotheology: Human Obligations to the Environment.” Paper delivered at a Public Lecture organised by St. Michael’s College, Kingston, Jamaica, March 30, 2023. 33 slides.
- **Dr. Kadian Walters:** “The Cinderella Linguistic Discrimination Syndrome: Institutional Bilingualism in Jamaica.” Paper presented at the Beryl Bailey Symposium on the Jamaican Language held at The University of the West Indies, Mona, April 14, 2023. 34 slides.

PUBLIC SERVICE

Outreach and Engagement/Activism and Public Advocacy

Colleagues engaged in outreach activities and advocacy initiatives within and beyond the institution. Within the institution, colleagues presented to students in other departments (Bamikole, Devarakonda, Dwyer Evans, Lawrence, Lingo, Omosulu, Powell-McArthur, Sewell-Ayton), presented in Orientation of New Staff (Milson-Whyte) and served on committees (such as Ethics, Quality Assurance, Valedictorian Selection, WIGUT) across the campus (Farquharson, Harry, Jones, Messam, Milson-Whyte, Minott, Omosulu, Wilkins Miller). Some colleagues reviewed materials, gave presentations and facilitated workshops in other institutions (Ababio, Cumberbatch, Dean, Dwyer Evans, Dyche, Farquharson, Heron, Jones, Messam, Milson-Whyte, Morgan, O’Connor-Brown, Sewell-Ayton, Walters); some gave public service via church organisations (Lingo, Minott, Morgan, Walters); some judged competitions (Farquharson, Morgan) while others discussed disciplinary and societal issues on radio/television programmes (Devarakonda, Farquharson, Omosulu).

Specific, notable, engagements included the following:

- Professor Balaganapathi Devarakonda gave several lectures on philosophy, philosophy for everyday life, yoga, philosophical counselling, well-being, and religions and traditions, among other topics, in-person in various communities and organisations across Jamaica and online in multiple institutions in India and elsewhere.
- Members of the English Language Section (ELS) and the Linguistics Section reviewed and produced separate Review Reports on the CAPE Communication Studies Draft Syllabus effective for examinations from May–June 2025.
- The Linguistics Section hosted its annual Linguistics Day, organised by Mr. Okeyno Morgan, on February 23, 2023. Participants included over 80 students and their teachers from Jonathan Grant High School, Jose Marti Technical High School and Oberlin High School. Mrs. Kelleen Sewell-Ayton and Ms. Shyrel-Ann Dean of the English Language Section facilitated sessions on Modules 1 and 2 of the Communication Studies syllabus while Linguistics undergraduate students represented the Department in a panel discussion. The visiting students and teachers provided positive the feedback on the event and activities.
- Mr. Okeyno Morgan organised and presented a Communication Studies Masterclass to students of multiple high schools during May 2023.
- Dr. Rotimi Omosulu hosted on Zoom various sessions of the African Environmental Ethics Association (AEEA).

Initiatives of the Jamaican Language Unit (JLU), the chief outreach and advocacy arm of the Department, included the following:

- Launch of the JLU’s 20th anniversary combined with unveiling of a maquette of The Honourable Louise Bennett-Coverley (Ms. Lou), thanks to partnership with the Ministry of Culture, Gender, Entertainment and Sport (via JCDC, Kingston and St. Andrew) and with the Main Library, September 7, 2022
- The 8th Cassidy-Le Page Distinguished Lecture, with theme “Language, Music and Liberation,” delivered by Professor Ana Deumert (of University of Cape Town and Honorary Research Fellow Professor), Friday, November 25, 2022 and streamed via the Braadkyass Jamiekan YouTube site
- Workshop on the Cassidy-JLU Writing System for Voice and Speech students in the School of Drama at the Edna Manley College of the Visual and Performing Arts, facilitated by Dr. Joseph T. Farquharson, March 27, 2023
- Dr. Joseph T. Farquharson as one of the adjudicators for the Patwa Dibiet/Patois Debate hosted by the Language Teaching and Research Centre at the University of Technology, Jamaica, March 30, 2023
- Dr. Joseph T. Farquharson as part of a panel at the Speech, Language and Learning Intervention Research Symposium 2023 held virtually on March 31,

2023: The panel focused on the work of Dr. Karla Washington (of University of Toronto and Honorary Research Fellow in the JLU) and her team which studies language development in Jamaican children at the basic school level. The discussion centered on the benefits of interdisciplinary research and respectful collaboration with communities.

- The Beryl Bailey Symposium held under the theme “New Directions for the Jamaican Language” on Friday, April 14, 2023: The main presenters were Dr. Kadian Walters, Dr. André Coy, and Dr. R. Anthony Lewis (Honorary Research Fellow). Discussant was former coordinator of the JLU Professor Emeritus Hubert Devonish.
- Consultancy work with Wycliffe Caribbean regarding the translation of the Book of Genesis into Jamaican: This work involves expert checking of the translation for language as well as hosting several community testing sessions to get feedback from the intended users of the text.

Service on Committees/Boards

Members of the Department are also active on various national and international and/or professional boards/committees, including the Caribbean Examinations Council, Girl Guides Association of Jamaica, Jamaica Cultural Development Commission, Society for Caribbean Linguistics, Teachers Service Commission, UNESCO, and editorial boards of various journals. Table 4 captures some of these engagements.

Table 4: National/International/Professional Boards/Committees on which DLLP Members serve

Staff Member	Post/Role/s	Public/ (Inter)National/ Professional Body/ies
Mr. Norty Antoine	‘Question and Answer’ Trainer/ coach for the St. James Festival Queen Competition	Jamaica Cultural Development Commission (JCDC)
Ms. Khimaja Connell	Member	Jamaica National Bioethics Committee Jamaica Environment Trust
Dr. Keren Cumberbatch	Board Chair	Danny Williams School for the Deaf
	Director, Executive Board	Jamaica Association for the Deaf
Professor Balaganapathi Devarakonda	Member, Academic Council (2022–25)	Indian Institute of Advanced Study, Shimla, India
	Member, Academic Council (2022–25)	Bhogilal Lehar Chand Institute of Indology, New Delhi, India
	Member, Advisory and Impact Board (ADIM, 2023–25)	VERITY – a project on trust in science funded by European Union’s Horizon Europe research & innovation program

Table 4 continues

Staff Member	Post/Role/s	Public/ (Inter)National/ Professional Body/ies
Dr. Caroline Dyche	Editorial Committee member	Advocates Network/No 9 Day Wonder Movement against Gender Violence, Kingston
	Christian Education and Formation Committee member	Community of Reconciliation, Kingston
	Executive Committee member	Caribbean Association of Tertiary-Level Academic Literacies Practitioners (CATALP)
Dr. Joseph T. Farquharson	Vice President Chief Editor of the book series Studies in Caribbean Languages	Society for Caribbean Linguistics
	Executive Board Member-at-Large	Dictionary Society of North America
	Membership Chair	Cornwall College Old Boys' Association – Kingston Chapter
	Convenor	CAPE Communication Studies Subject Panel
	Board Member	Helsinki Society for Historical Lexicography
Ms. Dejon Lingo	Board Member	Calvary Wesleyan Holiness Church and International Samaritan, Jamaica
Dr. Trecel Messam	Founder	They Can Foundation
	Member	UWI (Regional) Linguistics Academic Sub-Committee
Dr. Vivette Milson-Whyte	Ordinary Member & Vice Chair Chair Chair	- Teachers Service Commission (TSC) - Evaluation of Qualifications Committee - Special Committee (for streamlining selection of leaders of institutions)
	Editorial Review Board Member Member, Editorial Review Board and Publications Review Board	WAC Clearing House Landmark Publications in Writing Studies series International Exchanges on the Study of Writing series
	Editorial Board member	Literacy in Composition Studies (LiCS) journal
	Vice President of the Council Chair of the Executive Committee	Girl Guides Association of Jamaica
	Mina P. Shaughnessy Prize Selection Committee Member (2022–24)	Modern Language Association of America
	Member Mentor	MHS Global Alumni Mentorship Programme
Dr. Rotimi Omosulu	Member	Alliance of Yoruba in Jamaica
	Editorial Member	Ede Journal of Humanities and Social Sciences
Mrs. Kelleen Sewell-Ayton	UWI representative	National Association of Teachers of English (NATE), Jamaica
Mrs. Tanyia Wilkins Miller	Member	UWI (Regional) Linguistics Academic Sub-Committee

Collaboration/Partnerships

The Department continued and renewed agreements and sought new partnerships with other universities, private sector entities, government ministries and non-governmental organisations to support its programmes and activities and create mutually beneficial collaborations. Some of our partnerships over 2022–23 are outlined below.

- To continue collaboration between the University of the Highlands and Islands (UHI) and The UWI, and through the efforts of Dean Silvia Kouwenberg and Dr. Joseph T. Farquharson, a Memorandum of Understanding (MoU) was signed in August 2022.
- The Department of Chemistry continued to participate in the Writing/Speaking Across the Curriculum (WAC/SAC) initiative of the English Language Section (ELS). In this arrangement, the ELS identifies a graduate student who facilitates writing and speaking sessions for students in Chemistry and Chemistry sponsors the Departmental Award.
- The Department collaborated with the Indian High Commission and the Indian Cultural Society to host successfully the 2022 Gandhi Day celebration involving garlanding of the Gandhi Statue in the FHE Sculpture Park and a public lecture entitled “Gandhian Model of Self-Reliance for Post-Colonial Democracies: India and Jamaica” and delivered by Professor Balaganapathi Devarakonda on October 2, 2022.
- We collaborated with Jamaica National Commission for UNESCO (JNC-UNESCO) to celebrate World Philosophy Day on November 17, 2022. JNC-UNESCO sponsored the event with a contribution of J\$80,000. Organized around the theme “The Question of Nature: Human Responsibility and the Environment,” UWI/UNESCO World Philosophy Day 2022 was declared open by Ms. Paula Isturiz Caverro, Programme Specialist for the Social and Human Sciences in the UNESCO Office for the Caribbean. Also participating in the event were Hon. Olivia Grange, CD, MP (Minister of Culture, Gender, Entertainment and Sport), represented by Mr. Everton Hannan (Secretary General, JNC-UNESCO) and Dr. Carey Wallace, Executive Director of the Tourism Enhancement Fund.
- Ms. Khimaja Connell, upon invitation, visited the Institute for Moral Theology at the Catholic Private University in Linz, Austria on June 27, 2023. A group at the institution that holds discussions about the Russia-Ukraine war would like to include a Caribbean perspective in the discussion and has invited her to submit a paper.
- Based on the outreach efforts of Ms. Khimaja Connell, the Montego Bay Marine Park Trust proposed an initiative to collaborate to host field trips at a discounted rate and donate a portion of the proceeds to the Department. July 2023.

- The Memorandum of Understanding (MoU) between the Indian Council for Cultural Relations (ICCR) and The University of the West Indies (UWI) was renewed on March 29, 2023 for five years (2023–2028). This MoU affords the Philosophy Section/DLLP a Visiting Professor who occupies the ICCR-funded Chair in Indology and Gandhian studies.



His Excellency Mr. Masakui Rungsung (left), High Commissioner of India to Jamaica, and Professor Ian Boxill, The UWI, Mona's Deputy Principal, shake hands after signing a Memorandum of Understanding (MoU) for the continuation of the ICCR Chair of Indology and Gandhian Studies, established in 2012, in the Philosophy Section on the Mona Campus. Sharing in the moment from left are Dr. Carmel Roofe, Deputy Dean for Graduate Studies in the Faculty of Humanities and Education, Dr. Vivette Milson-Whyte, Head of the Department of Language, Linguistics and Philosophy, and Mr. Carl Lawrence, Campus Legal Officer.

AGILITY

The Department participated in The UWI Mona Campus World Quality Week Celebration 2022, two Sections followed up on Quality Assurance Review (QAR) recommendations, some members received awards and grants/funding, and we had mixed results from our income-earning projects.

QUALITY ASSURANCE

World Quality Week Celebration 2022: During quality week in November 2022, a video of past students highlighting the positive impact of studying in the DLLP on overall student development and preparedness for professional endeavours was

submitted and featured. Following its QAR in October 2021 and presentation of its Action Plan to Faculty Board in May 2022 and to Academic Board in June 2022, the Philosophy Section presented its Follow Up Review to Faculty Board on May 26, 2023 and was scheduled for presentation to Academic Board in June 2023 but this was postponed. Following its QAR in February 2022, the Linguistics Section presented its Action Plan to Faculty Board in October 2022 and to Academic Board in January 2023.

AWARDS/GRANTS/FUNDING

Mrs. Shauna-Kaye Powell- McArthur, Adjunct Lecturer (Linguistics,) received special recognition for outstanding contribution to social good impact in the category “Good Health and Well-Being” (Sustainable Development Goal 3) from Project Management Initiative for her work as a Project Officer during its November 3, 2022 Social Good Recognition Ceremony.

Six staff members were recognised for the high quality of their teaching:

1. **Mrs. Ornette Blair** (adjunct FOUN1019 Instructor) and **Ms. Dejon Lingo** (full-time FOUN1019 Instructor) from the ELS and **Ms. Khimaja Connell**, **Mr. Okechukwu Ezenne** and **Dr. Rotimi Omosulu** from the Philosophy Section received 2022 UWI, Mona, Centre for Excellence in Teaching and Learning (CETL) awards for Excellence in University Teaching (i.e. student evaluation ratings of 4.5 and above) on April 26, 2023.



Mr. Okechukwu Ezenne, Mrs. Ornette Blair, Ms. Dejon Lingo, Ms. Khimaja Connell and Dr. Rotimi Omosulu with their “UWI Distinguished Teaching Award (2022)”



Winner Ms. Shyrel-Ann Dean from the English Language Section

2. **Ms. Shyrel-Ann Dean** (from the ELS) was the winner of the Domino's Pizza 2023 Teachers' Day competition, May 10, 2023.
3. **Ms. Khimaja Connell** was featured in the January 2023 OeAD *Higher Education Erasmus+ Global Magazine*.
4. **Ms. Khimaja Connell** secured funding as follows:
 - the sum of J\$80,000 from Jamaica National Commission for UNESCO in support of World Philosophy Day 2022 Celebrations at The UWI, Mona.
 - a bursary in the sum of J\$25,000 from Jamaica Drums for Peace for a student with a declared major or minor in Philosophy – effective 2023–2024.
 - a Research and Publication grant in the amount of J\$300,000 to support the research and publication of a chapter entitled, "Gendering Caribbean Philosophy: Non-Canonical Caribbean Women Philosophers." March 9, 2023.
- a grant of £4,860 to participate in the Erasmus+ Staff training mobility to the University of Salzburg. The goal of the exchange was to assist with developing a programme in intercultural philosophy, aimed at deepening the relationship between the Department of Philosophy at Salzburg and the Philosophy Section at The UWI at Mona, to facilitate future mobility of students and staff at both institutions. May 2, 2023.
5. In July 2023, **Dr. Joseph T. Farquharson** was informed that his March 2022 application to the CHASE fund had been favourably reviewed and he had been awarded JM\$4,517,560 for the first year of his two-year *Dictionary of the Jamaican Language* (DJL) project.
6. In July 2023, during the 75th Anniversary Principal's Research Awards, **Dr. Vivette Milson-Whyte** was retroactively awarded Best Research Publication (Book) for 2019/2020 in the Faculty of Humanities and Education for her co-edited book *Creole Composition: Academic Writing and Rhetoric in the Anglophone Caribbean* published August 2019 by Parlor Press. This book has garnered several international awards and has been identified as a valuable college text by different institutions.

INCOME GENERATION

Summer School

There was a reduction in the number of courses offered in Summer School 2023; however, the Department still realised a profit from the venture while assisting students, especially finalising students, for whom Summer School is critical.

Short Course

The English Language Section developed a 7-week conversational English course for offering to the international company Grid Engineering, based on the Mona Campus, beginning in May 2023. Given that the short conversational course, called “Multifaceted Jamaica”, was for a small group (costing J\$136,850.00), a very small profit was earned for sharing among campus entities.

English Language Proficiency Test Unit (ELPTU)

The ELPTU, with responsibility for placing students in Academic Literacies courses via a diagnosis of their English language reading and writing competencies, realised a slight increase in income over the miniscule earnings of the COVID years. The test fee was USD24, and there were four (4) sittings of the ELPT: August 5, September 2 and December 2, 2022, and April 21, 2023. A total of 920 candidates were tested at Mona and at the Western Jamaica Campus. Of this number, 455 candidates attained Level 1 and 465 candidates attained Level 2.

The Jamaican Language Unit/M.A. English Language

The M.A. in the English Language (M.A. EL) is a self-financing programme run by the Jamaican Language Unit (JLU). It was set up circa 2005 to fund the activities of the JLU and to fill a gap in the content knowledge of teachers of English at the secondary and tertiary levels. That gap has not yet been filled, which signals that there is still a need for the M.A. EL.

The programme has remained financially viable for most of its existence, except for a few instances when changes in campus policies/practices threatened the programme’s financial health. Over the past four (4) years, the programme has registered a year-end surplus every year – even in the year when the number of incoming students dipped from the usual 15–20 to nine (9) as a result of the financial uncertainties caused by the COVID-19 pandemic.

The JLU responded to the campus’ financial challenges by cutting one of its Technical Assistants in March 2022 and by reducing the duties and salary of the remaining Technical Assistant by 25%. These actions severely impacted the ability of the unit

to carry out its core functions in 2022–23. Additionally, much of the time of the Head of Department and Coordinator of the JLU was spent in 2022–23 trying to convince the VMC and waiting for approvals for staff following meetings between the JLU Coordinator and the Campus Principal in June 2022 when it was agreed that no new students would be admitted in September 2023. Despite that decision, staff was still needed to “teach out the programme” to the students who would be continuing through 2023–2024.

The Writing Centre

The Writing Centre (TWC) has responsibility for supporting students and other UWI constituencies via individual coaching and group workshops. It opened late in 2022–23 due to maintenance issues which affected normal operations. As a result, only 5 weeks of coaching were possible: a total of 26 hours per week (17 hours in-person and 9 hours online). Coaching was provided by three coaches, one being a departmental awardee. The number of students who registered for Writing Centre services was significantly lower than in previous years, conceivably a Post-COVID effect and the fact that the registration fee of J\$500 was reintroduced. With its income largely dependent on contributions from Summer School and rental of space to the IELTS Centre, TWC continues to realise a small surplus annually. However, support is needed as TWC lacks resources such as computers and a mounted projector, and inadequate space is a hindrance to further growth.

International English Language Testing System (IELTS) Centre

This Centre was established to meet the need for testing the English Language proficiency of individuals who wish to live/work/study in countries in which English is a language of communication and to be the Department’s main income-generating project. However, the Centre has experienced significant challenges since the COVID-19 pandemic. As increasing numbers of overseas institutions stopped requiring an IELTS score and with another IELTS provider in the Jamaican space charging a lower test fee, the Centre has been experiencing a reduction in candidates from highs of over 1200- over 1400 in 2019 to lows of just over 600 in 2022–23. It did not help that there were procedural and operational glitches and the Centre increased the Test Fee from J\$36,000 to J\$40,000 in January 2023 to counter an increase in British Council fee per test taker and to meet recurring expenses. The Centre managed to remain buoyant in 2022–23 thanks to the administrative team and dedicated examiners and invigilators who have been patient while the Centre has been unable to increase their payment rates.

CLOSING COMMENT

Thanks to all academic, administrative and support staff in the Department of Language, Linguistics and Philosophy who weathered the challenges associated with the return to face-face operations in 2022–23 and contributed positively to the development of students, colleagues and the institution.



DEPARTMENT OF LIBRARY AND INFORMATION STUDIES

Dr. Rosemarie A. Heath, PhD, MLS, BA, Dip. Ed, JP – Head of Department

MISSION STATEMENT

To provide the highest standard of teaching and research to produce library and information professionals, well equipped to face the challenges of the dynamic information environment, and to provide leadership in managing the information needs of the Caribbean for the twenty-first century and beyond

TEACHING AND LEARNING

Staffing Matters

The DLIS had 3 full-time lecturers:

- 1 HOD – 8 hours
- 1 Deputy Dean – 9 hours
- 1 Lecturer carrying full course load – 13 hours

Additional hours were covered by adjunct lecturers.

Due to VMC rejections, course offerings were reduced to “bare bones”. Some courses were not offered, several courses were offered alternately and many electives were not offered.

MPhil and PhD programmes continued to be supported by Professor Jeannette Bastian, the Honorary Fellow in the DLIS. She resides in the USA, and so, she has been offering support remotely. She will remain with us until 2024. In the new academic year, Dr. Baker-Gardner, Dr. Griffin and Dr. Heath will each be assigned an MPhil/PhD candidate for supervision. Professor Bastian will provide guidance. Supervisory teams will be formed.

Mr. Mark-Jeffery Deans, the DLIS librarian resigned. His last day was May 25, 2023. The position is now vacant. In response, the department intends to move the DLIS

Library to the Main Library, and then, to repurpose the library space as follows:

- Moving the library collection to the UWI Main Library
- The Librarian's Office to be changed to Programme Director's Office
- Lunch Room to be moved to the Meeting Room
- Meeting Room to be moved to current Reading Room
- Repairing, repainting and renaming of Seminar Room II
- Wooden doors to be replaced with glass doors
- Replace Computer Lab doors with sliding glass doors
- The librarian position will then become that of a Programme Support Officer (PSO). The current library Assistant position would be converted to an assistant to the PSO.

Dr. Baker-Gardner is scheduled to proceed on sabbatical leave, come 2023/2024. She will be replaced by Miss Tanya Manassi who replaced Dr. Paulette Stewart as a full-time lecturer in the academic year, 2019–2020.

Teaching Resources

In September of this academic year, the Department spent close to \$1,000,000.00 in the purchase of a new UPS system from our Dorothy Collins Fund. It was installed in October, 2022. This UPS is an upgrade from the previous one and is better able to manage the technological demands of the Computer Lab and the rest of the Department.

Curriculum Review

The curriculum review process is limping along due to the small number of academic staff members who carry additional duties. This curriculum review involves:

- Refreshing course outlines
- Rewriting course outlines
- Laddering: Undergraduate and postgraduate certificates
- Postgraduate diplomas
- Rethinking our programme offerings

STUDENT POPULATION

Programmes	2020/2021	2021/2022	2022/2023
BA Information Studies	6	9	11
BA Librarianship	36	47	48
BA Library & Information Studies	10	8	1 – (The programme is being phased out)
Masters in Library & Information Studies	28	29	30
Master of Arts in Library & Information Studies	20	15	16
Master of Arts in Archives & Records Management	20	17	16
MPhil/PhD in Information Studies	4	4	4

OUTREACH

DLIS website: Up to date – Programmes, activities, announcements, etc,

School visits: Proceeded as scheduled.

DLIS Leaders Roundtable Seminar

As an outreach activity, the DLIS hosted a discussion session under the theme: **“Building Partnerships, Strengthening Networks.”** The session aimed to share with leaders in the Library and Information profession from across the Caribbean, the various programmes the DLIS is now offering and to get their feedback on the quality of DLIS graduates and their suitability for the workplace. This was held on October 20, 2022, via Zoom, and leaders from nine Caribbean countries participated.

INFOTalks: DLIS Departmental Weekly Seminar Series 2022–2023

The Department of Library and Information Studies had a successful staging of its weekly departmental seminars, INFOTalks 2022/2023. Guided by selected themes, thirteen (13) presentations reflected and discussed information issues, challenges, circumstances and triumphs from a wide variety of perspectives.

This online series continues to attract participation from around the Caribbean and internationally, with a weekly average of 30 participants and has served as an effective outreach activity for the department. The list of presentations are as follows:

Date	Presenter(s)	Title
5 October 2022 Theme for October: Information & Nationhood	Mr. Sherwood McCaskie, Head, Archives & Information, Caribbean Broadcasting Corporation, BARBADOS	Information: The Social Instrument of Nationhood (The role of Information in Barbados' movement towards Republicanism)
12 October 2022	Ms. Avril Belfon, Government Archivist, National Archives of Trinidad & Tobago & President, Caribbean Branch of the International Council of Archives (CARBICA)	Commemorating Nationhood: An Opportunity Lost & Found (The role of Information in celebrat- ing 60 years of Nationhood)
19 October 2022	Sparkle Ferreira (PhD Candidate, DLIS) & Stanley H. Griffin, Senior Lecturer, DLIS	In/Forming A Nation: The West Indies Federal Information Service & The Trinidadian Press: A Records Review
26 October 2022	John Aarons, Jeannette Bastian, Stanley H. Griffin (Editors) & 10 Authors	Book Launch: "Archiving Caribbean Identity: Community, Records, & Memory": A Roundtable Celebration
2 November 2022: Theme for November: Information & the Law	Mr. Damian Cox, Principal Director (acting) Information Division & Senior Director, Access to Information Unit, Office of the Prime Minister, Government of Jamaica	The Importance of Law and Policy in Delivering Information, Governance, Accountability and Transparency in a Modernizing State
9 November 2022	Dr Patrick Anglin, University Data Protection Officer, UWI Vice Chancellery	Privacy & Data Protection: More than Just Legal Compliance
16 November 2022	Dr Marcus Goffe, Partner, Goffe Law, Attorneys-at-Law	Information & The Law: A Legislative Review
1 February 2023 Theme for Semester Two: Accessing Information	Dr. Ruth Baker-Gardner, Lecturer/Dept Coordinator, UG Studies, DLIS	Code Orange: Threats of Contract Cheating and Artificial Intelligence Writing Tools to Regional Academic Integrity
8 February 2023	Nicole Alleyne (Candidate-MA Library and Information Studies) Kasiya Halstead-Brown (Graduate-MA Archives and Records Management)	Access to Oral Histories at Trinidad and Tobago's National Heritage Library I saw my Land in the morning: Tracing the records of New Harbour Community in Old Harbour, Jamaica
15 February 2023	Peta-gaye Richards (Candidate-MA Archives and Records Management) Audrey Keonders (Graduate-MA Archives and Records Management)	School Archives, the Forgotten Series: Preserving the Legacy of Campion College, Jamaica Find Yourself, Find Suriname: Crowdsourcing as Access Strategy to Trigger Memory at National Archives Suriname

1 March 2023	Ms Vernanda Raymond, Chief Librarian, Dominica Library & Information Service (DLIS), Commonwealth of Dominica	Providing Access While Inaccessible: Ensuring Users' Access to Information Post-Disaster and During the Peak of the Covid-19 Pandemic in Dominica
8 March 2023	Mr Shadrack Venson, Information Management Professional, United Nations HQ, New York & PhD Candidate (Information Studies) UNISA	The Information Governance (IG) Approach: The Key to enhanced information access
15 March 2023	Dr Shani Roper, Curator, UWI Museum	Reflections on Surviving COVID-19: An archival and exhibitionary project collecting the contemporary

CONFERENCE/WORKSHOP/SEMINAR ATTENDANCE & PRESENTATIONS

Dr. Rosemarie Heath

- **Heath**, Rosemarie. Presented a paper entitled, "The Significance of Information Literacy Instruction in the Preparation of Jamaican Students for Tertiary Studies," on April 20, 2023, at the Teachers' Colleges of Jamaica Research Conference, held at the Holiday Inn Resort, Montego Bay, Jamaica. The conference was held under the theme, "Preparing Teachers for the Next Education Task Force: Implications for National Development."
- **Heath**, Rosemarie. Presented at an online workshop on AI and Information Literacy, hosted by the University of Alberta, Canada. On January 13, 2023.
- **Heath**, Rosemarie. Attended and participated as a member of the LOC (Chair of the Hospitality team) in the 2023 Conference of the Association of College, University, Research and Institutional Libraries (ACURIL), at the Jamaica Pegasus Hotel, between June 4–8, 2023, under the theme: "Innovation: Opportunities and Challenges in Libraries, Museums and Archives of the Caribbean."

Dr. Baker-Gardner

- **Baker-Gardner**, Ruth. Participated in two panel discussions on the use of artificial intelligence and its implications on academic integrity. On March 23, 2022 she participated in a forum titled "ChatGPT and Education: Threat or Opportunity?" hosted by the Faculty of Science and Technology. On April 18, 2022, she was a guest at a forum hosted by the University of the Commonwealth Caribbean where she spoke on the topic "Academic Integrity and Chat GPT: Friends or Foes". Both presentations were well received.
- **Baker-Gardner**, Ruth., On February 27, 2023, Dr. Baker-Gardner was invited by the MicoUniversity College to participate in an international panel discussion titled: ChatGPT and Education: Opportunities, Challenges or Threats for Educators?

- **Baker-Gardner**, Ruth. On February 1, 2023, Dr. Baker Gardner InfoTalk Presentation on Code Orange: Threats of Contract Cheating and Artificial Intelligence Writing Tools to Regional Academic Integrity.
- **Baker-Gardner**, Ruth., Attended the International Center for Academic Integrity from March 9–12 in Indianapolis, Indiana. She made a presentation titled “No Region Left Behind: Crafting a Research Agenda for Academic Integrity in the Caribbean”
- **Baker-Gardner**, Ruth., On November 1, 2022, was invited to do a presentation on academic integrity with the teaching staff and administration of the HEART TRUST NTA. The session was attended by 81 individuals from the organization and was well received
- **Baker Gardner**, Ruth., and **Deans, Mark-Jeffery**., Published a collaborative research article titled “Academic Integrity and the COVID-19 Pandemic: Supporting Students, Strengthening the Academy.” The article was published in the UWI Quality Education Forum, issue No. 26 on December 12, 2022, under the theme Student Support Systems and Student Success in Higher Education.
- **Baker-Gardner**, Ruth., and **Deans, Mark-Jeffery**. “Academic Integrity and the COVID-19 Pandemic: Supporting Students, Strengthening the Academy.” *The UWI Quality Education Forum*, no. 26., 2022. pp 1–28. <https://journals.sta.uwi.edu/ojs/index.php/qef/article/view/8460>

Dr Jeannette Bastian

- **Bastian**, Jeannette A. “Archiving Cultures” Round table on Archivists in the Community” CARBICA XII Conference and General Assembly, 27 April 2023.

Dr. Stanley Griffin

- **Griffin**, Stanley H. Facilitator, “Dis is Who We Are: Identifying Memory in Community” Session I, University of Repair (Joint initiative of Decolonizing the Archive and Museum of London), 27th July 6pm BST via Zoom.
- **Griffin**, Stanley H., Keynote Lecture: “No Record is an Island”: Unraveling the Value Paradox of Displaced and Migrated Archives, Migrated Archives Seminar and Workshop Series, Centre for Critical Archives and Records Management Studies, University College London, 19 October 2022.
- **Griffin**, Stanley H. and **Ferreira, Sparkle**, “In/Forming A Nation: The West Indian Federal Information Service & The Trinidad Press” Department of Library and Information Studies, Weekly Seminar Series, INFOTalks, 19 October 2022.
- **Griffin**, Stanley H. “Preserving Community Memory”, Harbour View Citizens Association and Community Research, Harbour View Branch Library, 27 October 2022.

- **Griffin**, Stanley H. “Musings on Archival Value, Reparations and Migrated Archives” Book Launch Roundtable Discussion on Disputed Archival Heritage (2022), Queen’s College, CUNY, 18 October 2022.
- **Griffin**, Stanley H. Facilitator, “The Art of Archival Description (for Indigenous Materials)”, Belize Archives and Records Services, Modern Endangered Archives Programme, Staff Training Workshop, 13 October 2022.

PUBLICATIONS

- **Griffin**, Stanley H. “Class, and Nationalism in the Leeward Islands: Rewriting Imperial Narratives”, “H-Empire Symposium Race, Class and Nationalism after Empire: The Fundamentals of the Caribbean Situation” 14 July 2022.
- **Griffin**, Stanley H., Panellist, “Not Just Culture: Using Memory to Empower Communities”, Archival Justice and Digital Collaborative Scholarship”, The Centre for Research on Latin America and the Caribbean (CERLAC) The Michael Baptista Lecture Series 2022–2023, York University, Canada, 29 November 2022.
- **Griffin**, Stanley H. “If colonization was about enforcement, decolonization should be about empowerment”: Interview with Stanley H. Griffin, of the University of the West Indies (pt.2) *ArchiVoz* 23 January 2023.
- **Griffin**, Stanley H. “There is a tangible tension between what is held in Caribbean archives and what is remembered in Caribbean communities” Vance Woods (ed) Interview with Stanley H. Griffin, of the University of the West Indies (pt. 1) *ArchiVoz* 16 January 2023.

Mr. Mark-Jeffery Deans

- **Deans**, Mark-Jeffery, Attended the 50th Annual International Association of School Librarianship (IASL) Hybrid Conference and the 25th International Forum on Research in School Librarianship on July 11–15, 2022. As the Regional Director of the Latin America and Caribbean Committee, he chaired the Section’s Meeting which was held on the Wednesday, July 13, 2022. Ms. Donna-Marie Robinson (past-student of the Department) was also in attendance
- **Deans**, Mark-Jeffery. Co-presented with Ms. Simone Harrison at the SETVET Institute (Old Harbour & Llundas Vale Campuses) International Literacy Day Webinar on September 8, 2022. Their presentation was entitled “Media and Information Literacy: The Role of Social Media in the Spread of False Information”.

GRADUATE STUDENTS (MPHIL/PHD CANDIDATES)

- **Duke**, Janelle (MPhil Candidate) “Archival Processing (Records in Context, New ICA Standard)” Caribbean Archives Association CARBICA XII Conference and General Assembly, 26 April 2023.

- **Ferreira**, Sparkle (PhD Candidate), “Digital Transformation and Electronic Records Management” CARBICA XII Conference and General Assembly, 26 April 2023.
- **Malcolm**, Norman, (MPhil Candidate) “Promoting and Engaging Archives via Social Media Outreach” CARBICA XII Conference and General Assembly, 26 April 2023.

FACULTY/DEPARTMENTAL AWARDS 2022/2023

AWARDS	CRITERIA	STUDENTS
Quida Rowe Prize	Best Grade in LIBS1003	Shauna-Kay Sutherland
Frances Salmon Prize	Outstanding Performance at Level II	Jermaine Walker & Nyasha Edwards
Dorothy Collings Prize	Best Grade (Graduating Student) PG	Krystle Ifill
Preservation Management Prize	Best Grade in LIBS3702	Dyeima Hall
Pippa Fray Prize	Best Grade in LIBS6001	Leann George
CARBICA Prize	Grade in ARCM6002	Samantha Robinson
CARBICA Prize	Best Grade in ARCM6003	Aisha Baptiste



PRACTICUM/INTERNSHIP, 2022/2023

The Department offers four internship/practicum courses:

- LIBS3802 – Internship in Librarianship – 7
- LIBS3803 – Internship in Information Studies – 2
- LIBS6904 – Practicum in Library and Information Studies – 16
- ARCM6005 – Practicum in Archives/Records Management – 8

#	Programmes	Organization	Country	Number of Students
1	MLIS	NALIS	Trinidad and Tobago	6
2	BA - Librarianship	Scientific Research Council		2
3	BA- Librarianship	Northern Caribbean University	Jamaica	1
4	MAARCM	UWI Archives	Jamaica	2
5	BA- Librarianship	University of Technology	Jamaica	1
6	MAARCM	Campus Records	Jamaica	2
7	BA- Info. Studies	National Library of Jamaica	Jamaica	2
8	BA-Librarianship	Main Library (Belize)	Belize	1
9	BA-Librarianship	UWI Main Library	Jamaica	1
10	MAARCM	Gleaner Company	Jamaica	1
11	MLIS/MAARCM	Central Bank of Barbados	Barbados	2
12	MLIS	Mico Teachers College	Jamaica	1
13	MLIS	International Seabed Authority	Jamaica	1
14	MLIS	NALIA Trinidad	Trinidad	1
15	MLIS	Sydney Martin Library (UWI Barbados)	Barbados	1
16	MAARCM	JARD	Jamaica	1
17	BA - Librarianship	Jamaica Library Services Clarendon	Jamaica	1
18	MAARCM	Broward County Main Library	USA	1
19	MLIS	Central Bank of Trinidad & Tobago	Trinidad and Tobago	1
20	MLIS	Alma Jordon Library	Trinidad	1
21	MLIS	University of Bahamas	Bahamas	1
22	MLIS	Fort Walton Beach - Library	USA	1
23	MLIS	Tobago Library Services	Tobago	1

DLIS 7TH RESEARCH FORUM (UWI 75TH ANNIVERSARY)

In celebration of the 75th Anniversary of the UWI, Mona Campus, the DLIS collaborated with the UWI, Mona Library to stage its 7th Research Forum under the theme, “Data Security and Information Services in the 21st Century: Exploring Theory and Best Practices.” This was held on Thursday, May 4, 2023, from 1 p.m. to 4 p.m. in the Multifunctional Room, The UWI Mona Library. The Guest Speaker was Dr. Patrick Anglin, University Data Protection Officer, at the University of the West Indies, Mona Campus. This Research Forum was held to showcase original research conducted by lecturers and students in the Department, and practitioners in the information environment.

SUMMER ACTIVITY, 2022/2023 – INCOME GENERATION

Members of the DLIS are actively involved in the staging of the 2023 Conference of the Association of College, University, Research and Institutional Libraries (ACU-RIL). This conference took place at the Jamaica Pegasus Hotel, between June 4–8, 2023, under the theme: “Innovation: Opportunities and Challenges in Libraries, Museums and Archives of the Caribbean.” The expectation is that a contribution will be made to the DLIS Endowment Fund to help needy DLIS students.

DLIS/Go-School of Information, in the Netherlands, through a collaborative effort, will hosted Summer Institute, 2023. This was offered fully online, between June 13–15, 2023, under the theme, “AI in Information services – Implications, Applications and Added Value.” This Summer Institute aimed at bringing together professionals from various fields to discuss and explore the impact of AI on information services.

DLS short course. “An Introduction to the Implementation of Data Protection” was held on June 21–22, 2023. It was a 4 module, 12 hour course. The intention is to develop the content into a full course which will be offered as an elective at the graduate level.



DEPARTMENT OF LITERATURES IN ENGLISH

Dr Rachel Moseley-Wood, BA., MA., PhD, (UWI) – Head of Department

WORK OF THE DEPARTMENT

The Academic Year 2022–23 was a challenging one for the Department. The department had to contend with the resignations of three members of academic staff with only one temporary replacement in place. This presented a challenge in terms of maintaining the required course offerings and also in terms of carrying out required administrative tasks, such as servicing Faculty committees. In addition, intake at both undergraduate and graduate level remained below desired numbers. In particular, the graduate programmes have suffered from not only decreasing numbers of applicants but those already in the programme have found it very difficult to complete course requirements, with one of our promising PhD candidates leaving the programme because of the unreliable payment schedule for his UWI award.

On a more positive note, the Department has formed a number of partnerships that have helped improve the quality of teaching and learning. The department's newest programme, the BA Writing, Literature and Publishing has attracted an encouraging degree of attention from publishers in the region and beyond, with diaspora Jamaicans active in the publishing industry, seeing assistance to the programme as a way of giving back. As a member of the Caribbean Create Community Partnership programme, the department and its students have benefitted from awards, training and internships.

Despite challenges, DLIE has managed to meet most of the recommendations set out in the Report of the Quality Assurance Review Team. A report was made to Faculty Board in April, and was followed by a report to Academic Board in June.

ACCESS

STUDENT MATTERS

Majors

Undergraduate	Postgraduate:
LIE Majors (16)	PhD (2)
Liberal Studies Majors (14)	MPhil (4)
Film Studies (6)	MA (2)
Writing, Publishing & Literature (10)	
First Class Honours (3)	

The department's sole PhD student, Mr Paul Codner, withdrew from the programme. He cited the uncertainty of payments of the UWI postgraduate scholarship as the primary reason of his withdrawal.

Congratulations

The department congratulates **Dr Keilah Mills** on the successful completion of the PhD with high commendation. Ms Mills was supervised by Dr Anthea Morrison, now retired from the department. The title of her dissertation was: "The Politics of Caribbean Ecologies in Selected Texts by Black Women Writers".

The department congratulates **Ms Francina Cousins** on the successful completion of her MPhil programme. Ms Cousins was supervised by Dr Norval Edwards. The title of her dissertation was: "Fleshing Out desire; Caribbean Womanist Erotics in the Selected Poetry of Grace Nichols, Opal Adisa and Tanya Shirley."

Staff/Postgraduate Seminars:

- Visiting Graduate students, Barbara Gfoellner, University of Vienna and Markus Schwarz, Paris Lodron University in Salzburg co-presented a seminar on the topic, "Between Oceans And Outewr Space: Caribbean Archipelagos, Poetics, Futures" on March 10 .
- Mr Elton Johnson, MPhil candidate, presented on the topic, "The Catalytic Characteristics of Dancehall as a Vehicle for Feminist Thought" via Zoom on Thursday November 17.

TEACHING & LEARNING

Curriculum Development:

The following was submitted and approved by AQAC and BUS:

- Changes from 60% to 100% coursework in LITS1002, LITS2108, LITS2504, LITS2706 and LITS3806;
- HUMN3100: Humanities Internship; offered Sem 2;
- Revisions to BA Film Studies to create a separate programme, the BA Film Studies; (Production Concentration) that would allow students taking that concentration to be charged the appropriate fees;
- Minor Revisions to the BA Writing, Literature and Publishing.

Summer School 2023:

One course, PUBL3003: Editing and Proofreading was offered in Summer School 2023.

STAFF MATTERS

- Head of Department, **Dr Rachel Moseley-Wood**, resumed office on August 2, following her Sabbatical Leave for academic year 2021–2022. Senior Lecturer
- **Dr Michael Bucknor**, resigned from his position with effect from August 31, 2022 after 23 years of service to The UWI offered through the diverse roles he played, as Lecturer/Senior Lecturer; Head of Department for two terms, between 2012 and 2018, and Public Orator for The UWI, Mona.
- **Dr Alexis Samuels** joined the Department as Temporary Full-time Lecturer for the academic year. Dr Samuels is a graduate of DLIE, having done both her undergraduate and graduate degrees in Literatures in English at The UWI. She was given responsibility for teaching both literature and film studies courses.
- In Semester 1 Dr Schuyler Esprit, Dr Hilary Robertson-Hickling and Ms Ann Margaret Lim were hired as Adjunct Lecturers to teach PUBL1001 and PUBL3002; PUBL2001 and LITS2603 respectively. In Semester 2; Ms Amba Chevannes was hired as Adjunct Lecturer to teach LITS2606: Creative Writing: Screen and Stage; and Professor Opal Palmer Adisa was hired to teach LITS1009: Introduction to Creative Writing.
- The Department welcomed Dr Frances Botkin, Professor of English, Towson University, Baltimore, as visiting Fulbright Scholar for Semester 2. Dr Botkin taught the course, PUBL3003: Editing and Proofreading and also conducted research on her project, “The Higgler’s Legacy: Economies of Resistance in

Narratives about Slavery”, which explores the unusual connections between higglering, marronage, and Afro-Caribbean authorship.

- One of two administrative posts in the Department was reclassified from Secretary III to Administrative Assistant I with retroactive effect from September 2022.
- Administrative Assistant, Ms Antoinette Jackson, proceeded on maternity leave in April and delivered a bouncing baby boy!

Principal's Research Awards:

The Department of Literatures in English congratulated Dr Rachel Moseley-Wood, Dr Isis Semaj-Hall and former member of staff Dr Michael Bucknor for receiving the Best Research Publications for the annual Principal's Research Awards as follows:

- Semaj-Hall, I. (2021). *Dubbing Dub Poetry? Approaching Lee "Scratch" Perry, Poetically*. *Journal of West Indian Literature*, 30(1), 44–151.
- Moseley-Wood, R. (2019). *Show Us As We Are Place, Nation and Identity in Jamaican Film*. University of the West Indies Press.
- Bucknor, M. A. (2018). "Horizons of Desire in Caribbean Queer Speculative Fiction: Marlon James's John Crow's Devil". In Ledent, B. et al. (Eds.) *Madness in Anglophone Caribbean Literature: On the Edge*, 137–160.

CREATING A STUDENT-CENTRED COMMUNITY

Undergraduate Awards

Eight students from the DLIE received awards at the 2021/2022 Annual FHE Awards Ceremony on Thursday November 10. The awardees were: Nikema Bell, Anika Christopher, Natalia Downer, Blaire Santos, Shaniel Swaby, Anastasia Thomas, Kae-Shanae Virgo and Kevan Williams

Graduate Awards

- Mr Kevhaun Bailey and Elton Johnson, MPhil candidates, were selected for the 2022/2023 Departmental Award for Graduate students; Ms Whitney Eaton was reassigned as Research Assistant to the Head of Department.
- Mr Elton Johnson was appointed graduate student representative for the 2022/2023 academic year. His activities included planning initiatives within the Faculty and maintaining a close connection with students within the department in order to communicate any suggestions, issues or concerns.

DCC Meetings

The Department Consultative Committee meetings were held via Zoom on November 17, 2022 and March 16, 2023. The department experimented with the online mode in an attempt to address a number of concerns about the process. The use of the online platform allowed lecturers to meet student representatives in break-out groups. It allowed for greater efficiency in the process and has also created a more comfortable and less stressful environment in which students can speak about their concerns. This approach has been combined with the use of class surveys which have helped ensure that lecturers get a clearer understanding of the views of all members of the class.

Student-led activities

Global Read-a-Thon

The Department participated in the inaugural twenty-four (24) hour global Read-a-Thon, hosted and led by the Center for Studies on Africa and Its Diaspora at Georgia State University on February 22. The event was intended to celebrate Black History month as well as promote cultural exchange and international cooperation through reading. This became a student-led initiative and graduate student Kevhaun Bailey, along with undergraduates Kandice Thompson and Blaire Santos, coordinated the selection of readings, recruiting of readers, recording and editing of the video that was submitted for broadcast. Alumni, staff and friends of the department participated, with some of them reading original poetry. Readers included: Blaire Santos, Jovanté Anderson, Topher Allen, Jessie Mayers, Yashika Graham, Lisa Brown and Cornel Bogle. The welcome and introduction was given by **Rachel Moseley-Wood**.

Book Launch

Students taking HUMN3100: Humanities Internship organised the launch of *Chants For A Woman to Bloom*, a collection of poetry and art self-published by the author, undergraduate Literatures in English Major, Ms Lattecha Willocks. Held on March 29, the event was part of the monthly open mic series at Ragamuffin Café on Lady Musgrave Road and featured readings by Ms Willocks, as well as a conversation between the author and Dundurn Press Director, Mr Kwame Scott Fraser. The launch was also broadcast on YouTube. HUMN3100 students organised meetings with the author to plan the launch, liaised with Ragamuffin Café, created a flyer and publicised the event on social media and organised the online broadcast of the event.

HUMN3100: Humanities Internship

This course was approved just ahead of the beginning of Semester 2 so that registration was limited to Writing, Literature and Publishing Majors who are required

to take it. One LIE Major sat in on seminars and participated in class activities. Visiting Publisher, Mr Kwame Scott Fraser led a number of the seminars and mentored students. Guest lectures and presentations were also done by Dr Ann-Marie Williams, Student Services & Development Officer, Placement & Career Services; and Ms Yan Suen, Publications Officer, SALISES. Work placement opportunities were offered by Create Caribbean, Dundurn Publishers and SOE Publications Unit. It is intended to expand internship placement opportunities in AY2023–24 in order to allow for increased registration in the course.

Visiting Publisher

Kwame Scott Fraser, Director & Publisher of Dundurn Press organised “A Conversation between Tanya Batson-Savage”, Publisher, Blue Banyan Books, on Thursday October 20 in N4. Ms Batson-Savage is a graduate of DLIE. The event was organised specially for students in the Writing, Literature and Publishing programme. On October 21, Mr Fraser also gave a guest lecture in the course, “Current Trends and Issues in Publishing”. Mr Fraser returned to Mona for February and March, 2023 to work with the WLP programme. He provided mentorship to Level 3 students, through training in proofreading, the creation of online work placement opportunities with Dundurn for two students and offers for continued employment for two students. His stay at Mona was made possible through the assistance of the Dean’s office.

Create Caribbean Community Partnership Programme

The Department joined the Create Caribbean Community Partnership programme in September 2022. Create Caribbean Inc. aims to develop the creative capacity of youth in Dominica and the Eastern Caribbean through a focus on education and research in the arts, humanities and social sciences. Its goal is to foster a culture of intellectual inquiry, encourage the use of digital technology in academic research, and increase outreach and community participation in the preservation and dissemination of Caribbean history, heritage and other research areas of significance. As one of Create Caribbean’s Community Partners, DLIE will collaborate on projects and workshops and our students will benefit from opportunities for graduate and undergraduate internships. Create Caribbean awarded two Graduate Student Fellowships to MPhil student, Mr Kevhaun Bailey and MA student, Ms Joanna Jackson. Create Caribbean also provided one internship for the HUMN3100 course.

As part of the partnership, Founder and Director of Create Caribbean Dr Schuyler Esprit presented a workshop for members of the Faculty titled, “Bringing Digital Humanities to the Undergraduate Classroom” on April 19 in N5.

Publishing Days

Sharmaine Lovegrove, Managing Director of Dialogue Books, a brand-new division of Hachette UK, partnered with DLIE to stage a number of events in May. The events kicked off with a cocktail reception at Spanish Court Hotel on Wednesday May 22 for writers and practitioners in the local publishing industry. Ms Lovegrove, along with Christina Demosthenous, Commercial Publisher with Dialogue Books, conducted a Manuscript Workshop on Wednesday, May 24 which saw them having individual meetings with students and others to discuss improvements on their submitted manuscripts. Dialogue Books provided lunch for the seven participants who attended. This was a once-in-a-lifetime opportunity for students, some of whom described the event as life-changing. On the evening of May 24 the Dialogue Books representatives presented a seminar for members of the public, titled “Meet the Publishers: Demystifying Publishing – From Manuscript to Bookstore” at the Multifunctional Room.

Visual Artist Laura Facey Cooper screened her film *Paddlin’ Spirit* and participated in a discussion on the film as part of the activities for the course, Women in Cinema: LITS2907, on Wednesday February 15. The activity was intended to allow students a better understanding of how film can function as an expression of life-writing and how the process of life-writing can serve as a means of reinventing the self and healing.

Journal of International Women’s Studies (JIWS) Undergraduate Conference

Grant: Three undergraduates were awarded the Journal of International Women’s Studies (JIWS) Undergraduate Conference Grant to present their work at the 15th Annual International Charles Town Maroon Conference & Festival, June 21–24, 2023, but only two students presented at the conference, Kandice Thompson and Natalia Downer. The students were granted the award on the basis of impressive coursework submitted for a project in PUBL3003: Editing and Proofreading. The award was made possible through the coordination of Lecturer for the course, Visiting Fulbright awardee, Dr Francis Botkin, who also organises the conference. The course assignment required students to submit content for a class project, a mini-literary magazine called *Fear of the Folk*. The Conference theme was “Reconciliation: Justice, Healing, Unity” and students participated on a panel: “Reconciling Jamaicans with their folk culture”, chaired by Dr Isis Semaj-Hall, Lecturer in DLIE. The award provided transportation to the conference and accommodation for one night.

COMMUNITY OUTREACH

CAPE Series

The Department conducted two **CAPE Lecture/Discussion Series**: On Thursday March 9 in collaboration with the Montego Bay Community College and on Saturday March 18 at UWI, Mona. Presenters included Dr Aisha Spencer, Miss Carolyn Allen, Ms Whitney Eaton, Mr Kevhaun Bailey, Ms Desiree Crooks **and Ms Lisa R. Brown**, who coordinated the series. The department's archive of CAPE lectures posted on the department's YouTube channel was updated with the addition of a recording of a discussion session with successful CAPE students, now UWI undergraduates. This discussion was hosted by Lisa R. Brown. The YouTube channel series continues to be a useful resource for teachers around the island and the region. Requests from teachers in Guyana, St. Kitts and Antigua indicate the impact this outreach activity has generated.

Creative Writing Workshops

In collaboration with the **Nomadic Jamaican Poets Festival & School Tour 2022**, which is spearheaded by Malachi Smith, the Department co-hosted a **free Poetry Workshop and Reading** on Thursday November 10. Amina Blackwood-Meeks, Ann-Margaret Lim and Cherry Natural participated in the workshop. This workshop was free and open to the public. A poetry reading featuring participants on the tour was held later that day, beginning at 5:00 p.m. in the Library Multifunctional Room.

DLIE hosted **"Writing What Writes You"** a creative writing workshop conducted by Professor Opal Palmer Adisa on March 25. Professor Adisa, who taught in the department's creative writing programme this semester, urged workshop participants to make time and space in their lives for writing. Twelve participants attended and were presented with certificates.

The 16th Annual Edward Baugh Distinguished Lecture

The 16th Annual Edward Baugh Distinguished Lecture was held on Thursday March 30 in the Library Multifunctional Room. Guest speaker, Geoffrey Philp, spoke on "Garveyism in the 21st Century: Climate Activism". Philp is a Jamaican author of poetry, short stories, novels and children's books, including *Twelve Poems and A Story for Christmas* (2005), *Dubwise* (2010) and most recently, *Archipelagos* (2023). He has also written *Benjamin, My Son* which was nominated for the IMPAC Dublin Literary prize. Mr Philp was awarded the Silver Musgrave Medal in 2022; he currently teaches creative writing at Miami Dade College.

The Gift of Words

A pre-Christmas activity, “The Gift of Words” with Professor Opal Palmer Adisa, was held on Thursday December 1, 2022 in the Library Multifunctional Room. The event featured readings from Professor Palmer Adisa’s books *The Storyteller’s Return*, *Portia Dreams* and *100+ Voices for Miss Lou* as well as performances by musician, Charmaine Lemonius. Isis Semaj-Hall chaired the event.

March is Movie Month at Mona

A surprise visit by projectionist David Morrison facilitated the return of Movie Month for one night in March, after a two-year hiatus following the outbreak of COVID. Dubbed “Reel and Come Again”, Movie Month 2023 featured the screening of two favourites from the Africa World Documentary Film Festival on Friday March 24, in N1: *Mama Africa*, Directed by Mika Kaurismaki and *Songs of Redemption*, directed by Miguel Galofre. The complete AWDFP archive is stored in the Main Library and is available for the use of members of the UWI community.

Book Launch

The Department hosted a virtual launch of Dr Pamela Mordecai’s *de book of Joseph & A Fierce Green Place* on Thursday, February 9, titled “Walk A Short Way Wid Dis Sistren”. The launch featured readings by Owen “Blakka” Ellis and a conversation between poet, Tanya Shirley and Dr Mordecai; it was chaired by Rachel Moseley-Wood. The event can be viewed on YouTube at: <https://youtu.be/Z94G90mLV48>.

ALIGNMENT

PUBLIC ENGAGEMENT & LINKS WITH OTHER UNIVERSITIES:

Dr Isis Semaj-Hall:

- In July 2023 Dr Semaj-Hall travelled to Barbados and interviewed Barbados’s Republic poet, Cyndi Celeste about performance poetry and the role of poetry in the Caribbean’s 21st century political progress. While there she also conducted research for a monograph.
- Invited panellist for the Jamaica Music Museum’s 11th Annual Reggae Black History Month Grounation: “Sounds and Society: Sixty Years of Music, Political Activism and Social Change” at The Institute of Jamaica on February 5.
- Hosted PREE’s Live PREE reading and open mic event at the Sky Gallery in Kingston on January 28.

- Guest on “Afrofuturism, Lee ‘Scratch’ Perry, and Jamaican Music.” *Afrofuturism Podcast*, hosted by Louis Chude-Sokei, 9 Nov. 2022. Carnegie Hall. URL: <https://tinyurl.com/bdewsv4s>.
- Moderated the National Gallery of Jamaica’s 4-month film screening series for the Kingston Biennial in October.
- Facilitated an online digital workshop at Temple University, Philadelphia, USA titled “Professional Pathways in the Black Digital” It was hosted by Temple University Digital Humanities and Libraries and was held on April 27.
- Invited by Dr Henry Ivry, Lecturer at the University of Glasgow to partner in the working group, “Ecology of Sound.” The invitation emerges out of U. of Glasgow’s ongoing collaboration with the University of the West Indies and the goals of the partnership are to develop and co-teach undergraduate and postgraduate courses in digital humanities at both institutions. The “Ecology of Sound” partnership plans to bring together scholars and artists in an international symposium to build analytical and artistic tools to explore how sound is instrumental in building and conceiving a more sustainable world. The workshop will feature two “Listening, Writing, Composing” workshops and will also engage sound via “DJ Sets” live via community radio. As part of the partnership, Dr Semaj-Hall visited Glasgow in March to work on course development and project planning. She also delivered a lecture on March 23 in the “Creative Conversations” series which was sponsored by the Ferguson Bequest and co-organized by Creative Writing at the University of Glasgow and the Beniba Centre for Slavery Studies in Glasgow. Titled “Dub: Music, Identity, and Word Art,” the lecture explored the roots of dub and its influence on her research and worldview. On March 24, 2023, Dr. Henry Ivry and Dr Semaj-Hall hosted a one-hour radio slot on Clyde Built Radio station, titled “Ecology of Sound,” in Glasgow. The academics turned DJs, chose songs and paired them with theoretical readings. Dr Ivry is expected to visit Kingston in October 2023.

Dr Rachel Moseley-Wood:

- Invited to participate in two roundtable discussions which formed part of the activities for The Association pour la Promotion du Cinéma des Antilles et de la Guyane (APCAG) Archives Film Festival on November 21 and 22, 2022. She participated online and presented on the topics: “The need for a film library” and “Caribbean Film Heritage”.
- Keynote address at the Dancehall Queen 25th Anniversary (online) symposium on October 11, 2022 titled, “Happy Birthday Queen!: Complicated Transactions of Empowerment in *Dancehall Queen*”. The symposium was organised by the Institute of Caribbean Studies, UWI.

Conference Participation:

The Annual West Indian Literature Conference, October 13–15, 2022

The department was well represented at the West Indian Literature Conference held at the University of The Bahamas from October 13–15, 2022. The conference was hybrid and facilitated both face to face and online presentations. Participants from DLIE were: Ms Lisa Brown who presented a paper online, titled: “Testifying to the Choir: Self-Publication and the Politics of Identity in Three texts by Jamaican Women”; Dr Rachel Moseley-Wood, who presented a paper in person titled: “Governance, Citizenship and Identity in the Work of Esther Figueroa”; and MPhil student, Kevhaun Bailey, presented a paper online titled: “Cause I’m Gonna Make It’: Jamaican Diasporic Cinema and the Generic Violence of Inheritance”. The department is scheduled to host the 2024 conference in October.

Kevhaun Bailey, MPhil candidate

- Presented the paper, “The Silent ‘Cis’ in Gender: Cissexism and Gendered Antagonisms in Shani Mootoo’s *Cereus Blooms at Night*” at the virtual conference, Social Change And Gender-Based Violence: Representations In Caribbean Literature And Performance Cultures.

Dr Isis Semaj-Hall

- Presented a paper, “The Roar of Our Canon: Engaging Caribbean Voices” at the Society of Antiquaries of London to the Caribbean Literature in English “Writing Back and Writing Forward” Symposium on October 28.

PUBLIC SERVICE

Dr Jennifer Brittan

- Member, Modern Language Association
- Member, American Comparative Literature Association
- Member, Canadian Association of American Studies

Dr Isis Semaj-Hall

- Adjudicator in the National Library of Jamaica’s Poetry Competition; October 2022.
- Editor and Co-Founder, *PREE: Caribbean. Writing*
- 2021–2022 Caribbean Studies Association, served as Literary Salon Committee and Chair

Dr Norval Edwards

- Member of the Editorial Team of the online Literary Journal, *PREE Caribbean Writing*.
- Member, Advisory Board, *Issues in Critical Investigation*, Vanderbilt University, Nashville, Tennessee.



DEPARTMENT OF MODERN LANGUAGES AND LITERATURES

Dr. Maite Villoria Nolla, BA, MA, PhD – Head of Department

The activities of the Department of Modern Languages and Literatures for the academic year 2022–2023 were planned to follow both The UWI's Triple-A-Vision for 2017–2022 and the 2022–2027 Strategy: The Revenue Revolution. The DMLL has continued to focus on the **Access** to quality tertiary education emphasizing its interdisciplinary approach as much as it has been highly committed to **Agility** through global connections. In addition, according to the UWI current strength on **Alignment**, the DMLL has been working on possibilities to develop links between the academic and the industry relevant to the region's needs. The following statement highlights the focus of the Department:

“The DMLL will be known as the place for best practices in the teaching and learning of foreign languages, literature, translation and culture and, being rooted in the Caribbean, offers a multicultural/interdisciplinary education and creates relevant links with industry partnerships, improving global connections and initiatives”.

This main Strategic Objective was itemised as smaller Strategic Goals as follows:

- Increasing the visibility of the Department through promotion, publicity and advertising.
- Strengthening internal and international/global academic collaboration and partnerships.
- Expanding visibility through Special Purposes Language Programmes and Courses.
- Establishing links between academic and professional entities to offer students broader career opportunities and increase Departmental income through professional activities.

The one-year Operational Plan 2022–2023 is an adaptation of the previous year's plan in an effort to ensure the accomplishment of these Strategic Goals, (how these goals would be met):

Mission and Vision statements have been slightly modified to include “gender justice/diversity” in accordance with the Quality Assurance Review and the revised Gender Policy at The UWI. This has been done in an effort to ensure that students’ inclusion and respect for diversity is a goal at the DMLL.

The initiative is to comply with the 2022 Quality Assurance Review as well as the revised Gender Policy. The New Mission and Vision Statements will be displayed in the Main Office and Language Laboratory, as well as on the Department’s Website and in the Departmental Handbook from July 2023.

MISSION STATEMENT

To be a place of excellence for the learning and training of foreign languages and cultures in a student centred, creative, intellectually engaging, supportive, diverse, and inclusive environment where students will acquire critical thinking skills, communicative, literary, cultural and translation competencies to function as global citizens and drive a positive local and global transformation.

VISION STATEMENT

*To be a dynamic, multicultural and outstanding department in
The UWI committed to gender, race, culture, and sexual orientation equality.*

ACCESS

TEACHING, LEARNING AND DEVELOPMENT

Orientation to new undergraduate students: From Monday, August 29 to Friday, September 2 the Faculty of Humanities and Education held its orientation for Undergraduate students in which the DMLL participated. After having a general session in N1, students dispersed to the different assigned rooms for their respective departments. Students belonging to the DMLL assembled in room N3 where they had the opportunity to speak to lecturers about the programmes and specific courses needed and to resolve any concerns that they may have had and questions for which they needed answers.

Graduate Orientation: This was hosted in N1, September 2, 2022. Following the presentations, students went to Lab 1 where it was host DMLL session. Dr de Inés Antón organized and presented the session on behalf of the DMLL. Postgraduate students were welcomed using a hybrid modality. The session was mainly aimed at offering advice to the students on how to be successful on their postgraduate journey. It was an engaging and fruitful session.

The Staff/ Student Liaison Meetings resumed on November 3, 2022. This is a good exercise to express students' concerns, and useful for lecturers to revise their courses, approaches, materials etc. The DMLL wishes to continue with the exercise in the years ahead.

Virtual intercultural exchange. Students from Tottori University of Environmental Sciences (TUES) participated in an online cultural language exchange session with students of Japanese at The UWI. The session was held on Thursday September 15, 2022, at 7:00 p.m. Jamaica time. There is an overwhelming interest in repeating the virtual intercultural exchange.

Visit of Guest Lecturer, Ms. Shiho Sato from Japan Foundation, Mexico. Her activities included meeting with the HoD and class observations. Ms. Sato observed Japanese classes at all levels and organized informal sessions to interact with students. Her visit culminated with a seminar on Creating Japanese Reading Assessments in which all Japanese instructors participated.

Staff/Graduate Seminar Series:

- October 20, 2022. **Dr. Erick Mendoza Barroso**, visiting professor from Universidad de Guantánamo, Cuba, presented on “La efectividad de las categorías del tiempo-espacio-acción en la dinámica interpretative de la cuentística cardosiana”.
- October 27, 2022. **Ms. Sylviana Johnson**, M.A. in Translation Student in the Department of Modern Languages and Literatures, did a presentation called: “This is Not Child’s Pay: The Translation of Children’s Literature and its challenges”.
- October 27, 2022. **Ms. Zoeceline Holding**, M.A. in Translation Student in the Department of Modern Languages and Literatures, did a presentation entitled: “Translation as a Cognitive Activity”.
- November 3, 2022. **Ms. Nadia Kellman-Williams**, M.A. in Translation Student presented a communication called: “The (Not so) Strange Case of Feminist Translation”.
- November 8, 2022. **Dr. Erick Mendoza Barroso**, visiting professor from Universidad de Guantánamo, Cuba, presented a seminar entitled: “Panorámica historica en la semántica poética martiana expresa en objeto – sujeto lirico”.

CELP Information Session. Approximately 25 current and past students of the M.A. in Translation (French/Spanish) participated in an information session held by the United Nations on October 18, 2022. This presentation was meant to encourage and prepare students to sit the United Nations Competitive Examination for Language Positions as English Editors, Translators/Précis-Writers, Verbatim Reporters and English Linguists.

Reading Book Club in DMLL, October 2022. Miss Yasmin Sadeghi, TA from AECID, Spain. The sessions have continued throughout the AY 2022–2023. The sessions have been well attended by students, several members of the Diplomatic Corp in Jamaica and DMLL staff members.

Cross Campus Teaching efforts. Two Graduate Students registered for and took a course on the Latin America Essay with the St. Augustine Campus, as part of the MA in Languages, Literatures and Films offered by DMLL. The Department aims to continue to offer more cross campus teaching and increase collaboration amongst the DMLL of all three campuses. We have identified courses to be offered online to all students from the St Augustine, Cave Hill and Mona campuses.

PRIZES, SCHOLARSHIPS AND AWARDS

Daneen Jowhill, third year student of Japanese Language Programme, was the first prize **winner of a Japanese haiku competition** which was organized by RCCJ (Japanese Language Education Network of Central America and the Caribbean) and Japan Foundation, an agency of the government of Japan. The online event was held on November 13, 2022.

Erasmus University of Valladolid, Spain. Zori Blake (French and Spanish), Nathan Walker (IR and Spanish) and Eby Nelson (Special Linguistics Programme) were accepted to the mobility exchange programme with the University of Valladolid, Spain, to spend a semester abroad as a part of their degree.

United Nations Internship. Based on his performance in Part 2 of the United Nations Competitive Examination for English Translator/Precis-writers, Editors and Verbatim Reporters, Joel Polson – student of the M.A. in Translation – was selected to a live exercise and competency-based interview. He became a recipient of an Internship at UN.

NEW SCHOLARSHIPS AWARDED

- **Chinese:** On December 12, 2022, 10 students of Chinese (Mandarin) from the DMLL received scholarships given by the Embassy of the People's Republic of China in Kingston, Jamaica. These students were invited to a ceremony at the Confucius Institute.
- **French:** The Anita Brown Memorial Award in French Translation donated by Dr. Desrine Bogle valued at 300USD, is to be awarded in the AY 2023–2024.
- **The Spanish-Jamaica Foundation (SJF)** awarded 5 scholarships to Modern Languages and Literatures Students valued at 50,000J\$ each. The award was available to 1st, 2nd, 3rd year students pursuing a B.A in Spanish at the DMLL.

- The Postgraduate Departmental Awardee was Antwain Williams who is pursuing a (MPhil in French supervised by Dr. Francoise Cevaer).

GRADUATE STUDIES

March 10, 2023 marks the succesful **PhD Oral Examination for Ms.Caroline Cousins**, PhD in French. Title thesis: Memory and Desire in the Caribbean Fiction of Jean Rhys, Maryse Condé and Jamaican Kincaid.

Nine (9) students submitted their M.A. Research Papers, meeting all necessary requirement to be awarded the M.A. in Translation (French/Spanish) coordinated by Dr. Tamara de Inés Antón: Jamaal McKinght, “Writing the Francophone Caribbean for the Anglophone Caribbean: Challenges and Concessions in Translation”; Krysten Nelson, “Social Economy as an Alternative to a Post Coronavirus society: an extended translation”; Rona Barnett-Passard “Children as Represented in African Folktales: An Extended Translation”; SKhet Qeman-Pet, “Translating Science: A commented translation of Two Scientific/technical Texts from French and Spanish into English”; Dejie-Ann Simms, “Medical Translation and Terminology: The Role of English as a Lingua Franca”; Vaughn Percival Bonner, “Credit Unions’ Input into the Agro-Food Sector: Extended Translation and Commentary on Cajamar Caja Rural’s Report”; Joel Polson – “El País de las Mujeres (Extract): An Extended Translation and Commentary”; Abrianna Matthew- “Getting Under Your Skin: Medical Translation and the Field of Aesthetic Surgery”; Cherish Collymore – “Translating Academic Research: A Commented Translation of an Academic Article from French into English”.

CROSS CAMPUS COLLABORATION

Two Graduate students registered for the course on Latin American Essay with the St Augustine Campus.

Meetings have been held to secure further collaboration/multicampus teaching amongst the Campuses.

COLLABORATION: BOOKS DONATIONS

Handing Over of Books. On September 28th, the DMLL received the visit of Mr. Jairo Raúl Clopatofsky Ghisays – Ambassador of Colombia who donated, on behalf of the Embassy of Colombia, a collection of Women Writing Novels to the Department. The books were received by the HOD, Dr. Villoria Nolla.

DMLL receives Japanese texts from Japan Foundation. The Department received a book grant from Japan Foundation in AY 2020, but shipping from Japan to Jamaica

was suspended because of the COVID 19 pandemic. The texts finally reached the Department in February 2023. The texts are valued at approximately \$65,000 (JMD)

DMLL receives Spanish texts books and online teaching materials: In December of 2023, the DMLL received Spanish textbooks and online teaching materials valued at 250 Euros from MAEC-AECID, Spain through the initiative of the Spanish TA-Lector de español – Miss Yasmin Sedghi

OTHER ACTIVITIES

French Student Club signed a sponsorship agreement with the AUF and thus joined the AUF network of Francophone Student Leaders Clubs (CLEF) on August 3, 2022. The president of the club, Miss Daneen Jowhill, participated in the first *Congrès de la Jeunesse Etudiante Francophone* during the second edition of the World Scientific Francophonie Week which took place from October 25 to 28, 2022, in Cairo, Egypt. The official launch of the club as a member of the CLEF network took place on February 2, 2023.

Café RaccourSci. Miss Soyini Ashby (MLL instructor) and Mr Antwain Williams a M.A. student in French attended the *Café RaccourSci* on scientific communication organized by the AUF in October, November and December 2022.

Training the trainers. Ms. Soyini Ashby participated in “Training the trainers” programme organized by the AUF in association with Afric’Association.

Diplomacy Forum organized by CNF-CEF. On February 21, 2023, during a forum on careers in diplomacy, His Excellency Mr. Olivier Guyonvarch, Ambassador of France to Jamaica, and Mr. Kavoy Ashley, First Secretary of the Permanent Mission of Jamaica to the United Nations in New York shared their vast knowledge and practical experiences on the ground.

Subscription to CAIRN.info. In February 2023, the CNF-CEF reached an agreement with the CAIRN.info academic database for a full subscription at a reduced rate. This will provide students and researchers from the four UWI campuses with access to more than 17,000 journals, digital books, encyclopaedias and magazines in French, English and Spanish.

Renovation and development of the CNF-CEF space. The equipment donated by the AUF, CNF, CEF arrived in 2021 – 15 computers, 15 monitors, 15 webcams, 15 headsets, 7 virtual reality headsets, 1 Android interactive screen, 1 videoconferencing camera, 1 microphone for videoconferencing – and it was installed in the Ashcroft Computer lab in the Faculty of Humanities and Education (FHE). The cost of the reconfiguration of the room to place the equipment amounted to 1,190.37 euros, an amount which was reimbursed to the FHE. The CNF-CEF was formally inaugurated on December 2, 2022, a joint effort between the AUF, the

Global Affairs Office, UWI, Faculty of Humanities and Education and the DMLL. Students from DMLL and FHE have benefitted from it.

CURRICULUM REVISION

New Courses and Programmes:

Spanish and Tourism Management currently under review to be send to FAQAC in October 2023. During the last few years, we have witnessed that employers in the tourism industry are not only placing emphasis on tourism education but also on Foreign Language ability. The DMLL has been approached on many occasions by actors in the tourism industry to recommend graduate of the foreign language programmes. Moreover, foreign owned companies, related business have employed graduates of the Spanish programme due to their language fluency. This lack of foreign language competency limits professionals from accessing managerial positions. To respond to this market demand, and broaden students' employability locally and internationally, the DMLL wishes to provide students with the adequate language, cultural and tourism management skills to face those new challenges. The programme will include courses from Social Sciences such as, Management and LSP together with culture courses designed to cater to concepts such as food and Hispanic Identity and Travelling literature. This programme is in collaboration with the Mona School of Business and Management/Heritage studies. This three-year full-time programme/five-year part- time will allow students to combine the study of foreign languages ,which plays a vital role in tourism in Jamaica and the region, with courses geared towards the hospitality industry. The interdisciplinary programme offers Language for Specific Purposes (LSP) courses as an invaluable supplement to general language courses. Students will acquire the necessary fluency to communicate without effort with native speakers, especially in the context of the hospitality industry. The programme therefore also introduces students to Hispanic Cultures including courses which equip students with the necessary subject knowledge in tourism management and entrepreneurship and give skills for decision making in the professional international environment. The students will acquire practical knowledge within the industry through internships.

Spanish for the workplace (Intermediate Level II- equivalent level to SPAN1010) under development. The course would expose students to the language of the workplace and will provide them with a foundation on which to build competence in communicating with Spanish-speaking persons on matters related to commerce, business and the world of work. Students will be able to choose between SPAN1010 (Intermediate II) and Spanish for the workplace.

An interdisciplinary programme on Latin American and Caribbean studies is also under development.

Following QAR Asian Languages the section is developing a Programme in Asian Studies.

Rationalization:

Teaching mode and merges (UG)

- Introduced fully online versions of the Beginners' French and Spanish courses.
- Raised the cap on Beginners' French and Spanish streams: French f2f labs and seminars from 25 to 30. Spanish f2f seminars from 25 to 30.
- Introduction of asynchronous online activities which are to replace at least 1 hour in the f2f courses.

Course Substitution/Suspension (UG)

- SPAN2302: **Level II Literature course** taught during the First semester will be suspended starting from Academic Year 2023–2024. Instead, the second semester course will be moved to the first semester for AY2023–2024. Revision of Literature courses will take place during the 2023–2024 AY.
- SPAN2501: Level II **Spanish to English Translation**. Becomes compulsory for Major/Minor. It will continue to be offered during the second semester (Semester II).
- CHANGE SPAN2705 Level II Literature course, **Contemporary Caribbean Literature**, will be offered during the First Semester replacing SPAN2302. This change has been notified and updated in handbooks.
- CHANGE SPAN3702 Level III Literature course, **Latin American Women Writers**. This course is offered during First Semester of the Third year in alternate years. It will be alternate with Translation course SPAN3501.
- CHANGE SPAN3501 **Spanish to English Translation**, Level 3 course. This course is offered during the first semester/third year in alternate years. It is alternate with SPAN3702. SPAN3501 is taught in AY2023–2024.
- CHANGE FREN2807. Level II **Francophone Women Writers**. The course is going to be suspended due to low registrations and substituted by **FREN2215 French For Diplomacy**, under QAR demand of Foreign Languages for Purposes. The course is compulsory for Major French Students as well as students pursuing the French and International Relations Programme. The course is also the option for Students in French Minor.
- CHANGE FREN3118 Level III, **French for International Conferences** has been suspended.

As Foreign Language Policy (FLP) across the six (6) faculties will be implemented in 2023–2024, we have requested three (3) new Instructor positions to facilitate the teaching of the associated hours. There is the possibility of opening up more streams due to FLP. The Foreign Language Policy was implemented this academic year 2022–2023. The Triple A Strategic Framework of Access, Alignment, and Agility of the University of the West Indies is the backdrop to this policy that seeks to foster a multi-lingual culture that The University recognizes as strategically and globally transformative. The University placed the multi-lingual cultural as central to its operations and functions. And the new Strategic Plan continues to strengthen this.

This has been designated as one of the five (5) pillars on which The UWI seeks to strengthen its position as a global university rooted in the Caribbean. This is a recognition of how languages create more linguistically, and culturally aware students and it will also serve the department to strengthen and sustain programmes.

Postgraduate Programmes:

- **CHANGE M.A. in Translation.** DMLL was required to change the offering for the Programme to alternative years. However, as mentioned previously in the report, DMLL is offering the programme. The programme will be cancelled if it does not reach an adequate number of students. Failing to have an adequate number of students will result in the offering the following academic year 2024–2025. Being then offered in alternative years.
- **CHANGE M.A. in Languages, Literatures and Film Studies.** This Programme will be on pause starting from 2023–2024 till the cohort starting this year 2022–2023 the undergraduate studies graduate. This cohort is higher in numbers and there must be the possibility to offer it again.

QUALITY ASSURANCE REVIEW ROMANCE LANGUAGES

The Board of Undergraduate Studies conducted the fifth Quality Assurance Review (QAR) process of the Romance Languages in the Department in 2022 and the QAR Team sent the review in June of 2022. The review commended the Department and the work from both sections (French and Spanish). Particularly, they were impressed with the staff's solid level of expertise and research publications, as well as their commitment. It also mentioned the will to introduce new language courses for Special Purposes. The use of the target language in all courses and the innovative approaches adopted through Covid-19 which allowed for the smooth implementing of Emergency Remote Teaching was strongly valued by the Review Team. The Review Team also commended the outreach efforts that DMLL put in place such as the Two minutes videos, etc.

The main recommendations were as follows:

- A better structured AA process.
- Reinstate staff/student liaison meetings which was discontinued in AY 2018–2019.
- Implement Foreign Language Policy as per mandate.
- Create beginners and advance conversation courses.
- More language courses for professions.
- Procure larger offices and rooms.
- Get new computers.
- Get approval for Book Grants and Travel Grants.
- Expedite contracts.
- Invite adjuncts to Departmental meetings.
- Divide/assign tasks for the administrative staff.
- Address inter-personal conflicts in a positive manner.
- Re-engage relationship with Embassies and Alliance Française.
- Include statement for diversity, equity and inclusion in DMLL website.

The Action Plan designed by the senior members of the DMLL states:

- AA Process will include an Orientation Day the first week of the Academic Year. The Orientation Day took place from August 29 to September 2, 2022. A sensitization exercise which took place during Semester I, this AC 2022–2023 took place on September 2. Language and Area Studies coordinators (literature, cinema, translation) will be offering individual tutorials to students through continuous dialogue in weekly office hours.
- The Staff/Student liaison meetings were reinstated on November 2, 2022. The DMLL had two meetings, one each semester. The meetings will continue to take place during weeks 5–7 of each semester.
- The DMLL wanted to clarify that the Foreign Language Policy is not a Departmental Policy but a University Policy and as such has been implemented through the Campus. Science and Technology student started 2022–2023, rest of Faculties/students during 2023–2024. The DMLL is fully committed to offer the FLP classes in Chinese, French, Japanese and Spanish, both in face to face and online modes.
- Regarding the recommendation to create Beginners and Advance conversation, DMLL decided not to create courses solely in conversation. The Department already offers conversation classes, as oral skills are a key component in Language courses. One hour per week is dedicated solely to conversation and

conversation also takes place in each seminar and listening class, as facilitators/lecturers convey their lectures in the target language and discuss and debate with students in the target language. Therefore, oral component is constantly reinforced through conversations, debates, presentations, etc.

- The DMLL agrees to design more language courses for professions. This is why there is a Programme: Spanish with Tourism Management currently under development. The Department expects to send it to FAQAC during first semester AY 2023–2024.
- Regarding the possibility to have larger offices, the DMLL believes it is not a realistic option. Computers were already ordered in February 2022, but DMLL has not received them yet. We are unaware at this point what is the limitation.
- Regarding the payments of Book and Travel Grants, DMLL would like to highlight that the matter has to be addressed by Bursary as the HoD responds to staff application in a timely manner.
- Regarding Staff Contracts, DMLL states that contracts must be signed in a timely manner so that staff and adjunct staff can log on the learning platforms without relying on credentials from other staff members and to facilitate the timely payment of salaries of adjuncts and other non-tenure staff. Submissions for VMC are sent in a timely manner and thus, the matter needs to be addressed by Human Resources (HR).
- Adjuncts and non-tenure positions have always been invited to Departmental meetings.
- The portfolio and division of tasks for the administrative staff was reviewed before current academic year. The tasks have been reviewed as a new secretarial position has been filled.
- DMLL academic staff was unaware of inter-relationship issues affecting students' performance.
- DMLL never stopped relationships with Spanish Embassy or other Embassies. In fact, DMLL benefits from a Spanish instructor with the AECID programme and our aim is to continue this relationship. DMLL also joins forces with Alliance Française when required. DMLL is not aware of why the review team singled out these TWO organizations/institutions leaving out many other embassies from Latin American Countries or Francophone ones as well as other cultural centres. During the current AY the HoD has been meeting with Ambassadors and Representatives from Colombia, Costa Rica, Chile, Dominican Republic, France and Spain to strengthen the collaboration.
- Our vision statement will include a sentence addressing specifically diversity and gender justice. However, we wanted to point out that the DMLL mission statement already included diversity, equity and inclusion.

QUALITY ASSURANCE REVIEW ASIAN LANGUAGES

The Board of Undergraduate Studies conducted the second Quality Assurance Review (QAR) process of the Asian Languages in the Department on February 10th to February 17th. The Quality Assurance Unit coordinated a review of the Asian (Chinese and Japanese) which was still administrated virtually; however, a Local Professional of the Asian Languages Review conducted a one-day face to face site visit during the week of the Review. The DMLL thanks Ms. Grace Perez (Japanese instructor), Mr. Adrian Lindsay (Chinese instructor) and Mrs. Zhoyua Guo (Chinese instructor).

The review team interviewed the HoD, the Campus Principal, Deputy principal and the Dean of the Faculty of Humanities and Education. Other interviews were carried out to full time and adjunct instructors for Chinese (Mandarin) and Japanese, the Director of the Confucius Institute, Dr. Lei Feng, administrative and technical staff, students, and alumni. The team also carried out a virtual tour of the premises – offices and labs and a presential tour which included the visit to a face-to-face language class. Also, Mr. Tsubasa Katayama representing the Embassy of Japan as an employer of graduates of the Asian languages was interviewed. The week ended with a Public Lecture by Professor Andrew F. Jones, leader member of the Review Team. The team consists of Professor Andrew F. Jones, Dr. Li Renyan, Ms. Sauna Maragh and Ms. Sanya Compton. The Quality Assurance Review stated the following:

The Team commended the Department, noting that the “programme is meeting the objectives stated in the departmental Self-Assessment, and contributes to the goals, of “access, agility, and alignment” of the UWI Strategic Plan. The Team further acknowledges that the Asian Languages, housed in DMLL, is the flagship programme for the study of Chinese and Japanese in Jamaica and across the Caribbean. Unmistakably, dominant forces in the global economy are nations such as China, Japan and Korea which are remaking the geopolitical, technological and cultural landscape of today’s world. To be able to communicate in Asian Languages and understand Asian cultures is increasingly central to sustainable development and multilateral engagements. Therefore, the programmes in Asian Languages are of great value for the Caribbean Region and globally.

The Team found that the Programme’s major challenge is to rely on instructors supplied on short term as it is unsustainable and goes against the practices at peer institutions. The UWI lacks any research profile in the field of Asian languages, literatures, and cultures. The main recommendation is that the University must invest in ensuring that there are sufficient full-time core staff in the DMLL to maintain the programmes’ continuity instead of relying on the coordinate efforts and the funding of different entities namely the Confucius Institute and the Japanese

Agency of International Cooperation. This dependency puts at risk the continuation of the programmes. QAR strongly recommends The University of the West Indies to invest in ensuring that there are sufficient full-time core staff in DMLL to maintain the programmes.

The QAR is impressed by the energy, commitment, creativity and flexibility of coordinators and instructors despite limited resources. There are ample opportunities for post graduate employment, scholarships and travel to China and Japan, well supported library collection, facilities such as the labs. The construction of the Confucius Institute (CI) facilities language learning and cultural activities.

The QA Review will be circulated to the staff members from both Programmes, Mandarin and Japanese, to read, discuss and prepare the Action Plan during Semester I AY2023–2024.

MARKETING INITIATIVES

To make information more accessible to the students the DMLL has revised the Handbook and updated the Website. The Handbook which was still containing certain inaccuracies is being updated. The DMLL Website has been updated to give an improved friendly and attractive look where students can easily find all information related to the study of Modern Languages and Literatures. Both the Handbook and Website will include more standardized and updated information including:

- staff teaching, research interests and further information such as their email address.
- particulars requested by students such as clear course codes, new titles and descriptions, scholarships, and mobility opportunities, etc.
- programme offerings including the 2022–2023 updates in accordance with the updated Rationalization carried out by the DMLL.

The New M.A. in Languages, Literatures and Film Studies was regularly advertised through flyers on Mona Messaging as well as the M.A. in Translation and the MPhil.

The M.A. in Translation is advertised across the Caribbean region. The M.A. in Translation is offered not only nationwide but internationally and it is fully delivered online. The Programme is the only MA in Translation in the Caribbean region and prepares students professionally.

The DMLL has advertised all sections Major Programmes, Minor Programmes and Interdisciplinary Programmes. Examples of such flyers are the minors in Chinese (Mandarin) and Japanese, B.A in French and International Relations,

Double Major in Spanish and International Relations which have been circulating throughout the semester on Mona Messaging.

Develop promotional testimonials in the form of videos. The series of “Two Minutes with the Department of Modern Languages and Literatures” videos launched on Mona Messaging, on the Department’s Website and on YouTube in AY 2021–2022 have been continued. These videos feature alumni and current students who share their experiences at the Department and express positive responses to the programmes, mobility exchanges, etc. This continues attracting students’ attention that translates into telephone queries, emails, visits, messages on the modlang page about the Department. The Marketing and Communications Department has also used these videos in their promotional visits to schools and we have included them in Departmental events such as Modern Languages and Literatures Day.

Webinar Session. This Webinar was held on October 27, 2022. The DMLL facilitated an Outreach Webinar “Broaden your horizon”. The webinar was designed to provide information about the Department to Jamaican Students and encourage them to pursue not only Preliminary courses, but to continue their foreign language studies by joining the programmes at the Department. Information was also shared about career options in languages and the value of possessing a foreign language when pursuing careers in areas such as business, tourism, and marketing. The live session was attended by 5 schools. The recorded session uploaded on YouTube has received over 170 views since. The session included engaging presentations by all sections of the Department, and it also included interactive games, quizzes, alumni “Two Minute videos”, etc.

Attendance to career fairs. On February 28, 2023, the DMLL took part in the career fair held at Jamaica College. Miss Yasmin Sadeghi and Mr. Lorenzo Lynch were representing the Department. On March 2, 2023, the DMLL took part in the career fair held at St. Andrew High School for Girls. Ms. Selena Hamilton and Dr. Villoria represented the department. The students took particular interest in knowing that the DMLL offered Asian languages. On March 15, 2023, Dr. Villoria visited Immaculate Conception High School where she promoted the Department programmes.

Lunch Hour courses. Beginners Spanish, Intermediate Spanish and Beginners Chinese were offered and taught during the first semester 2022–2023 (6 weeks). Beginners Chinese was offered and taught during the second semester 2022–2023 (6 weeks).

Modern Languages and Literatures Day was held on March 23, 2023. This year’s staging of Modern Languages and Literature’s Day was fully presential. There was great participation from Embassies, and the Ambassadors from France, Germany, China and Japan gave presentations at the Opening Ceremony about the importance

of learning foreign languages in our global world. We were also honoured to have as our guest speaker State Minister in the Ministry of Culture, Gender, Entertainment and Sport, the Honourable Alando Terrelonge, who also gave a very engaging presentation, “The Advantage of Knowing Foreign Languages on the Regional and Global Level in the 21st Century”. Over 110 students from over 11 schools attended and participated in the event. Booths displaying DMLL sections and the Embassies of Spain, Colombia, China, Mexico and Japan brought cultural items that were displayed in the courtyard. The day was full of activities: games, microteaching sessions, informative sessions about programmes and possible scholarships and study abroad opportunities, etc. The UWI students in the department participated by being ushers, assistants in the booths, reading a poem in the Opening ceremony and performing in the closing ceremony concert.

The DMLL French Section and HoD, actively participated in the 2022 staging of **Touch of France** that took place at the AC Marriot Hotel, Kingston, from November 10 to November 13. Miss Soyini Ashby was the event coordinator from the DMLL and Dr Maite Villoria gave a talk on Friday, November 11, 2022.

November 11, 2022, the DMLL participated in the **UWI, Mona Campus Quality Day** from the **UWI Quality Week** with the theme “Quality Conscience: Doing the Right thing”. The department participated with a five-minute video delivered by Dr. de Inés Antón.

On March 8, 2023, honouring the **International Women’s Day**, the DMLL collaborated with the Embassy of Spain, the Institute for Gender and Development Studies and The Faculty of Science and Technology to present the Spanish film *Mataharis* by female Spanish director Icíar Bollaín. The Honourable Kamina Johnson-Smith and the Honourable Alando Terrelonge were present as distinguished guests. Student Iana Tickle García, major in Spanish, read a Spanish Poem by Concha Méndez.

On April 22, 2023, our CAPE Workshop was carried out. The Workshop was attended by 27 attendees coming from Ardenne High, Old Harbour High, Immaculate Conception High, St. Hugh’s High School for Girls, Wolmer’s Boys High, St Hilda’s Diocesan High School, and York Castle High School. The workshop was also attended by Mrs. Ramonia Smith-Hamilton, Education Officer of Spanish at the Ministry of Education and Youth.

OTHER ACTIVITIES AND EVENTS

Public Lectures

On February 17, 2023, the DMLL together with the Quality Assurance Unit held an online **Public Lecture** entitled “The Worlds of Chinese Popular Music: From Yellow Music to Circuit Listening” by **Professor Andrew F. Jones**, University of

California Berkeley, lead member of the QA Team to Asian languages. Audience members at this lecture were well informed on Chinese popular music as well as its ties with Jamaica and the Caribbean.

On February 23, 2023, the DMLL held its **Fourth Distinguished Gabriel Coultard/William Mailer Lecture** organised by **Professor Paulette Ramsay**. The Guest speaker Dr. Conrad James, University of Toronto, presented “Nautical Desires: Tourists, Stowaways and other travellers in Caribbean Fiction”.

PUBLICATIONS

- **De Ines Anton, Tamara.** “Central American *Testimonio* as World Literature; English Translation and Canonization of a genre” in Esch, Sophie (ed.) *Central American Literatures as World Literatures*. Bloomsbury. <https://www.bloomsbury.com/us/central-american-literature-as-world-literature-9781501391897>
- **Villoria Nolla, Maite.** “Consideraciones metodológicas para la enseñanza remota el español como lenguaje extranjera en contingencias sanitarias” in *Orbita Científica*, n.122, v.29, rnpS 1805 – Folio 2, tomo III, Universidad de Ciencias Pedagógicas Enrique José Varona, La Habana, Cuba.
- **Villoria, Nolla Maite.** “Autonomía y aprendizaje; factor clave del proceso de construcción del conocimiento”. *Edusol*, Revista de divulgación científica y pedagógica. vol. 24, número 83, 2023 (abril-junio).
- **Ramsay, Paulette.** Relaunched two books:
 - *Aunt Jen*. Caribbean Contemporary Classic. Hodder Education.
 - *Letters Home*, Hodder Education.

ALIGNMENT

PAPERS PRESENTED AND INVITED LECTURES

Paulette Ramsay

- Keynote speaker at the launch of Dr. Doreen Gordon’s book *Blackness and Social Mobility in Brazil: Contemporary Transformations*, published by Palgrave MacMillan publishers.
- Guest Lecture in the 9th Hilory Pamela Kelly distinguished Lecture at the University of Technology, Jamaica, Faculty of Education and Liberal Studies, The Language Teaching and Research. The lecture title: “Navigating myriad pathways: Walking on ‘words’”.

- Reading of the books *Aunt Jen* and *Letters Home* in Waterstones, UK, on October 17, 2022.
- Guest Speaker at Fioretti Trust, in St. Francis Primary school and in Edrington Public Library, UK, on October 17, 2022.
- Reading at the University of Leicester, School of Arts.
- “Readings by The Chapel Lawns”, *Aunt Jen*, Caribbean Contemporary Classic, on April 27, 2023, at 1:30 p.m.
- Read across Jamaica Day 2023, May 9th, *Aunt Jen*, on YouTube by Jamaica Library Service.
- Keynote Address at the launch of Dr. Doreen Gordon’s book *Blackness and Social Mobility in Brazil: Contemporary Transformations*, published by Palgrave McMillan publishers.

Maite Villoria

- Invited Lecture at the UNEAC, Guantánamo, Cuba, “Barcelona en la narrativa de González Ledesma” on May 21, 2023.
- Invited Lecture at the University of Guantánamo, Cuba, “The (re)conceptualization of the criminal subaltern in Colombian narrative and its presence in current cinema” on May 22, 2023.
- Invited Lecture during the International Erasmus Week at the University of Valladolid, Spain. Title of the presentation: “Virtual intercultural exchange”. The International Week aims to share internationalization practices among researchers on Foreign/Second Language Acquisition. May 30, 2023.

PUBLIC SERVICE AND SCHOLARLY ACTIVITIES

- Dr. Françoise Cévaër acted as Jury for the interviews for the “poste d’assistant” in France, programme organized by the French Ministry of Foreign Affairs, at the French Embassy in Kingston.
- Dr. Françoise Cévaër acted as internal examiner for PhD. Oral examination held on Monday April 24, 2023. Name of candidate: Ms. Carla Bascombe Candidate for the Degree of Doctor of Philosophy in French (St Augustine). Title of Thesis: “Fac[ing] The Pages”: Rescripting The Haitian Problematic in The Prose Of Évelyne And Lyonel Trouillot”.
- Dr. Françoise Cévaër was awarded with the Principal Research Award 2020–2021 (offered this year 2022–2023).
- Dr. Françoise Cévaër Assisted Hillel Academy Grade 11 French Students to prepare for the upcoming IGSVE French external oral exams.

- Dr. Tamara de Inés Antón collaborated with Museums Association of the Caribbean to create the English subtitles for a 40-minutes video recording for their virtual programme “Women, Power and Museums”.
- Dr. Tamara de Inés Antón acted as Moderator TIA’s Inaugural Colloquium “Translating and Interpreting (In) the Caribbean: Current Trends and Future Prospects. September 30, 2022.
- Dr. Maite Villoria Nolla acted as Jury to short list the candidates applying for the CLL Director Position at the UWI, St. Augustine Campus.
- Dr. Maite Villoria Nolla is Assistant Editor for Production for Arizona Journal of Hispanic Cultural Studies.
- Dr. Maite Villoria Nolla visited the Universidad de Guantánamo, Cuba, where the MOU was signed between both Universities. She also met with the editor and director of the Journal *Edusol* at the University of Guantánamo to collaborate with the editing of the Academic Journal and increase impact. This is an effort to increase publications and visibility.
- Dr. Maite Villoria Nolla attended the workshop: “Internationalization Week” at the University of Valladolid, Spain. The workshop was attended by international scholars who shared their practices on internationalization.

AGILITY

INCOME GENERATION

- A course was taught to staff at Nestle Ltd. Beginners Spanish for Business. The course was taught by DMLL adjunct staff.
- Lunch Hour Courses over both semesters which included Beginner’s Chinese taught to a group of Faculty of Science of Technology Staff, Beginner’s and Intermediate Spanish taught to UWI staff.
- Translation services were also offered during this academic year.
- Translation Authentication service
- Interpretation services face-to-face. Spanish<>English for the Training Programme on Evaluation delivered by the National council for the Evaluation of Social Development (CONEVAL) within the framework of collaboration with the Planning Institute of Jamaica (PIOJ) on October 11–12, 2022.
- Language Training Services for the Jamaica National (JN) Group of Companies. Spanish, French and Mandarin classes in July to September.

PROPOSAL FOR INTERPRETATION SERVICES EQUIPMENT

Translation and Interpretation Services. Proposal to buy interpretation equipment. The interpretation equipment can be offered as a rental service to generate income for the University. In this growing market, the Department already offers interpreters and would be more competitive if it were to have interpretation equipment as well. Students pursuing undergraduates' programmes at the FHE (DMLL and LLP in particular) can also benefit, as possibilities of an undergraduate programme in Translation and Interpretation could be explored by DMLL and LLP at Mona and in collaboration with sister campuses under the multi campus teaching. Currently, the DMLL only offers the M.A. in Translation programme but the acquisition of adequate equipment for interpretation training will also offer the opportunity to pursue a M.A. in Translation and Interpretation.

SCHOOL OF EDUCATION

Dr. Marcia Rainford, Dip, BSc, MA, PhD (UWI) – Director

OVERVIEW

The School of Education (SOE) returned to the face-to-face mode of teaching and learning for the 2022/2023 academic year. The SOE continued the operationalization of its strategic plan for the 2019–2022 period while maintaining alignment with the University’s *Triple A Strategy* and the recommendations emanating from the 2018 Quality Assurance (QA) Review Exercise.

Among other things, the activities in the strategic plan were executed to achieve of the following targets:

- Increased research and publications
- Enhanced advocacy, outreach and linkages
- Improved service to students
- Strengthened image and branding

ACCESS

Three PhD students successfully defended their PhD theses. The students, research titles, and supervisors are as follows:

NAME	TITLE	SUPERVISOR
Kamla Anderson	Examining ICT Integration in the Grade Seven Curriculum of Mathematics, English Language and Integrated Science at Three Secondary Schools in Kingston & St. Andrew	Dr. Carmel Roofé
Jacqueline Chen	An Exploration of the Lived First Year Teaching Experiences of Five Early Childhood Teachers in Jamaica: A Phenomenological Study	Dr. Dian McCallum & Dr. Zoyah Kinkead-Clark
Natasha John	Principals’ Use of ICT for School Improvement in Primary Schools in Trinidad’s Northeastern Education District: A Mixed Methods Study	Professor Stafford Griffith

PUBLICATIONS

Books

- Jennings, Z. (2022). *Re-visioning Change: Case Studies of Curriculum in School Systems in the Commonwealth Caribbean*. UWI Press.
- Roofe, C. (2022). *The Lived Curriculum Experiences of Jamaican Teachers: Currere and Decolonising Intentions*. Palgrave MacMillan.
- Stewart, S., Cole, S., Lewis-Fokum, Y. (2022). *Each One Teach One: Parental involvement and family engagement in Jamaica's Education system*. UWI Press.
- Wilmot, A-M., & Thompson, C. S. (Eds). (2022). *Handbook of Research on Activating Middle Executives' Agency to Lead and Manage During Times of Crisis*. IGI Global. <https://doi.org/10.4018/978-1-6684-4331-6>

Journal Articles

- Ferdinand-James, D., & Medina-Charles, C. (2022). Scaffolding graduate research supervision in a higher education Caribbean context. *The UWI Quality Education Forum*, 26, pp. 29–47.
- Ferguson, T., Roofe, C., Cook, L. D., Bramwell-Lalor, S., & Hordatt Gentles, C. (2022). Education for sustainable development (ESD) infusion into curricula: Influences on students' understandings of sustainable development and ESD. *Brock Education: A Journal of Educational Research and Practice*, 31(2), 63–84.
- Ferguson, T. (2022). Envisioning low-carbon futures: Possibility and hope as part of climate change teacher education. *Environmental Education Research*, 28(8), 1191-1208. <https://doi.org/10.1080/13504622.2022.2099532>
- Ferguson, T. (2023). Reflecting on students' reflections: Exploring students' experiences in order to enhance course delivery. *The Qualitative Report*, 28(4), 1193-1209. <https://doi.org/10.46743/2160-3715/2023.5868>
- Haynes-Brown, T. K. (2022). Using theoretical models in mixed methods research: An example from an explanatory sequential mixed methods study exploring teachers' beliefs and use of technology. *Journal of Mixed Methods Research*. <https://doi.org/10.1177/15586898221094970>
- Ison, M. & Bramwell-Lalor, S. (2023). The arts in environmental education: Connecting learners with their talents and nature. *Environmental Education Research*. <https://doi.org/10.1080/13504622.2023.2205062>
- Morris, T. (2022). Gendering the literacy classroom: Teachers' beliefs and practice. *Caribbean Educational Research Journal*, 7(1), 1–17.
- **Roofe, C., Ferguson, T., Stewart, S., Roberts, N. (2022). Provoking Reflection: A Photovoice Exploration of Non-Traditional Adult Learners' Challenges in a**

Jamaican Higher Education Context, *The Journal of Continuing Higher Education*, DOI: 10.1080/07377363.2022.2087169

- **Roofe, C.**, Maude, K., & Sunder, S. (2022). From Classroom Teacher to Teacher Educator: Critical Insights and Experiences of Beginning Teacher Educators from Jamaica, England and the Middle East. *Power and Education*. DOI: <https://doi.org/10.1177/17577438221112536>
- Sharma, E., Sharma, S., Al-Qudah, M. A. H., Yildiz, C., Dickson, A., **Ferdinand-James, D.**, Mahmoud Hamad, Z. M., Stavrianoudaki, A., & Afhami, R. (2023). Measurement invariance, validity, reliability and factor structure examination of the Creativity Nurturing Behavior Scale for Teachers (CNBST): Comparisons Across Gender in Thirteen Countries (TCNB) Scale. *Creative Studies*, 16(1), pp. 274–296.
- Thompson, C. S., & Wilmot, A-M. (2022). Jamaican teachers' perspectives on their power and empowerment at their schools. *Power and Education*, 14(2), 113–12 <https://doi.org/10.1177/17577438211070554>
- Thompson, C. S., Hutton, D. M., & Wilmot, A-M. (2022). Governance in Jamaican Schools: A qualitative exploration of the perspectives and experiences of selected stakeholders. *International Studies in Educational Administration*, 50(2), 20–45.
- Williams-McBean, C. T. (2022). Using school-based assessments to advance the integration of sustainable development competences by capitalising on the practice of teaching to the test, *Environmental Education Research*, DOI: 10.1080/13504622.2022.2107616

Book Chapters

- Brooks, R. & **Roofe, C.** (2022). Improving parental involvement for students' success: Outlining a framework for a “non-traditional” high school in Jamaica. In Stewart, S., Cole, S., Lewis-Fokum, Y. Each one teach one: Parental Involvement and Family Engagement in Jamaica's Education System. The University of the West Indies, Mona Press, Kingston.
- Mighty, C., & **Ferguson, T.** (2022). School violence in Jamaica: The impact of parental involvement. In S. Stewart, S. Cole, & Y. Lewis-Fokum (Eds.). *Each one teach one: Parental involvement and family engagement in Jamaica's education system* (pp. 201–225). Kingston: UWI Press.
- Spencer, A. (2023). Reading words, reading worlds': Understanding the value of the literary experience in the process of reading Caribbean children's literature books in the Jamaican Primary School System'. In B. Nies & M. Vega. (Eds). *Caribbean Children's Literature. Volume 1: History, Pedagogy, and Publishing*, (pp. 184–210). University of Mississippi Press.

- Thompson, C. S., & Wilmot, A-M. (2022). Power Sharing in Times of Crisis: Jamaican Teachers' Reflections on Principals' Leadership Approaches in the COVID-19 Pandemic. In A-M. Wilmot, & C. Thompson (Ed.), *Handbook of Research on Activating Middle Executives' Agency to Lead and Manage During Times of Crisis* (pp. 82–110). IGI Global. <https://doi.org/10.4018/978-1-6684-4331-6.ch004>
- Thompson, C.S., Wilmot, A-M. (2022). Student-Teachers' Perspectives on Sustainable Development: An Analysis of Their Learning and Growth Experiences in Implementing an SD Project. In: Leal Filho, W., Portela de Vasconcelos, C.R. (eds) *Handbook of Best Practices in Sustainable Development at University Level. World Sustainability Series*. Springer, Cham. https://doi.org/10.1007/978-3-031-04764-0_20

Monograph

- Beukes-Amiss, M., Haynes-Brown, T., Moore, S., Makoe, M., Skidmore, J., Veletsianos, G. (2022). *Making Digital Assessment Count: Designing for Engagement, Integrity and Authenticity*. Commonwealth of Learning.

ALIGNMENT

CONFERENCES| WEBINARS

- **Ferdinand-James, D.**, Nelson, K., & Tugwell, Y. (2022, June 15–16). “Sustaining Graduate Research via the Virtual Reading Room: A mixed methods study of TVET students in a Caribbean higher education space.” Paper presented at the Schools of Education Biennial Virtual Conference 2022: *Reimagining Education for Global Sustainability*, The UWI, School of Education, Cave Hill, Campus, Barbados, West Indies.
- **Ferdinand-James, D.** (2022, August 17). “Building Resilience Through Faith in Facing Challenges in Academia”. Paper presented at the Wise Leader Virtual Conference.
- **Ferdinand-James, D.**, Nelson, K., Tugwell, Y., & Eccleston-Burte, B. (2022, October 25). “The centrality of TVET libGuides to graduate research in an era of digital transformation at a Caribbean university”. Presentation at Virtual LIS Conference 2022: “That was Then, This is Now: Libraries Adapting to the Future”, The UWI Mona Library, Kingston, Jamaica, West Indies.
- Ferdinand-James, D. (2022, November 1). “A deeper look at diversity, equity, inclusion, belonging, and justice through the lens of faith”. Panelist at The Wise Leader Virtual Conference, Kentucky, U.S.A. (see The Wise Leader Conference 2022).

- Ferdinand-James, D. (2022, November 2). “*Building resilience through faith in facing challenges in academia*”. Presentation at The Wise Leader Virtual Conference, Kentucky, U.S.A.
- **Ferdinand-James, D.**, & Bishop, N. (2023, January 9). “*Micro-credentialling in online learning. Upskilling the teaching workforce*” [Video Presentation]. World Congress of Education 2023, Sapporo, Japan. <https://bitcongress.com/wce2023/scientificprogram.asp>
- Ferguson, T. (2022, June 15–17). “*Developing Sustainability-Minded Educators: An Analysis of Masters’ Students Coursework Reflections*”. Paper presented at the 5th World Symposium on Sustainable Development at Universities (WSSD-U-2022), Meadville, Pennsylvania, USA.
- Ferguson, T., Hordatt-Gentles, C., Roofe, C., Bramwell-Lalor, S. Members of the Education for Sustainable Development (ESD) Working Group. (2022, June 15–16). “*ESD Capacity-Building in Teacher Education: A Collaborative Action Research Approach by Teacher Educators*”. Paper presented at the UWI Schools of Education Biennial Conference.
- Ferguson, T., Down, L. (2022, October 12–15). “*ESD Journeys in Teacher Education in the Caribbean*”. Paper presented at 51st Annual Conference of the North American Association for Environmental Education (NAAEE), Tucson, Arizona, USA.
- Ferguson, T., Bramwell-Lalor, S. Members of the Education for Sustainable Development (ESD) Working Group. (2022, October 12–15). “*ESE in the English-Speaking Caribbean: From Research to Practice*”. Organized virtual symposium as part of the North American Association for Environmental Education (NAAEE) 51st Annual Conference.
- Ferguson, T. and Roofe, C. (January 3–5, 2023). “*Female academics’ resiliency during the COVID-19 pandemic: Autoethnographic explorations*”. Paper presented at the International Symposium on Autoethnography and Narrative. Virtual.
- Ferguson, T. (2023, February 16–18). “*Teaching and learning qualitative research online during the COVID-19 pandemic: Whither the natural field sensing?*” The Qualitative Report 14th Annual Virtual Conference.
- Ferguson, T., & Bramwell-Lalor, S. (2023, May 4–5). “*Exploring students’ shifts in thinking about the role of teachers in ESD delivery*”. American Educational Research Association (AERA) Annual Meeting (virtual).
- **Ferguson, T.**, & Clark, K. (2023, May 17–21). “*The role of parental involvement in addressing school violence: Insights from the Change from Within programme*”. International Peace Research Association (IPRA) 2023 Conference, Port-of-Spain, Trinidad and Tobago (virtual).

- George, L. (2023, May 18–20). “*Zooming into the STEM pipeline: Post-secondary enrolment and attrition in mathematics*”. International Conference on Education in Mathematics, Science and Technology (ICEMST), Cappadocia, Nevsehir, Turkey. (virtual).
- Ison, M., Bramwell-Lalor, S., Williams-McBean, C., Ferguson, T. (2022, October 12–15). “*Environmental Education Research*”. Featured paper presentations for ESE in the English-Speaking Caribbean: From Research to Practice Virtual Symposium as part of the North American Association for Environmental Education (NAAEE) 51st Annual Conference.
- Maude, K., **Roofe, C.** Govindswamy, S. (2022, June 21–23). “*Bridging the divide: Lessons from the experiences of beginning teacher educators in Jamaica, England and the United Arab Emirates*”. Paper presented at the International Council on Education for Teaching (ICET) 64TH World Assembly.
- McCallum, D. & Rainford, M. (2022, June 21–23). “*Revisiting the supervisory triad as collaborative practice within teacher education: foundations for global teacher education communities of practitioners post-pandemic*”. Paper presented at the International Council on Education for Teaching (ICET) 64TH World Assembly.
- McCarthy-Curvin, A. & Williams-McBean, C. T. (2022, June 25–26). “*The Quality of the Mathematics Assessments Used in Teachers’ Colleges in Jamaica*”. Paper presented at the 6th Canadian International Conference on Advances in Education, Teaching and Technology, University of Toronto, Canada.
- Moore, S. (2022, September 13–17). “*Caught ‘Flat-Footed’ in the COVID Moment: The Processes, Narratives and Outcomes of Transforming F2F Teacher Training Programmes for Online Delivery in Guyana*”. Paper presented at the 10th Pan-Commonwealth Conference (PCF-10) in Calgary Canada.
- Moore, S. (2022, October 25). “*The SWOT of Vision 2030: Training Caribbean Teachers to Deliver Online and Distance Learning (ODL) for Futures Perspective*”. Paper presented at Education with Technology Conference, 2022, University of Curaçao, Curaçao.
- Moore, S. (2022, October 27). Panellist in roundtable discussion on “*Lessons Learnt in the Past Five Years*”. Special Presentation and Invited Lecture at Education with Technology Conference, 2022, University of Curaçao, Curaçao.
- Rainford, M. & McCallum, D. (2022, June 21–23). “*Reflections on leadership in higher education during COVID-19: Towards developing communities of practice*”. Paper presented at the International Council on Education for Teaching (ICET) 64TH World Assembly June.
- Roofe, C. (2022, June 15–16). “*Currere and Sustainable Teacher Professional Development in Jamaica*”. Paper presented at the Schools of Education Biennial Conference, Barbados.

- **Roofe, C., Blair, E., & Timmins, S.** (2022, June 21–23). *”Awaking the sleeping giant: Teacher leadership in England, Jamaica and the USA”*. Paper presented at the International Council on Education for Teaching (ICET) 64TH World Assembly.
- Roofe, C. (2022, November 2–6). *”Igniting Curriculum Conversations with Jamaican Teachers for Anti-colonial Futures”*. Paper presented at the American Education Studies Association Conference. Pittsburg, USA.
- Roofe, C. (2022, November 2–6). *”Playing all the parts: Intersectional Classroom Teacher Experiences”*. Chaired session at the American Education Studies Association Conference. Pittsburg, USA.
- Roofe, C. (2023, April 11–13). *”Jamaica’s indigenous knowledge systems as legitimate curriculum conversations”*. Presented paper at the annual conference of the American Association for the Advancement of Curriculum Studies held in Chicago, USA.

WEBINARS

- **UCJ / COL Distance Education Standards Webinar Series:** Moore, S. (2022, July 17–20). *”UCJ / COL Distance Education Standards Webinar Series: Promulgation of the Recently Revised Standards for Distance and Online Learning at the Tertiary Level in Jamaica”*. Featured panellist and chair.
- **Vice-Chancellor’s Forum – Sir Hilary Beckles, “Transforming Education – The Case of Jamaica’s Patterson Commission Report: Lessons for Jamaica and the Caribbean”**. : Moore, S. (2022, July 21). *”Transforming Education – The Case of Jamaica’s Patterson Commission Report: Lessons for Jamaica and the Caribbean”*. Featured panellist in a forum featuring Educators from Jamaica, the wider Caribbean and the United Kingdom.
- Ferdinand-James, D. (2022, November 12). *Python Workshop*. World Resources Webinar in partnership with Deloitte, USA, ERRICSON Int’l, VES, India and IMO State University.
- The Association of Graduate Researchers in Education (AGRE) hosted a professional development webinar on December 2, 2022 entitled *”Getting Published: From thesis to article”*. The presenter was Dr. Charmaine Bissessar from the University of Guyana.
- Carby, B., & **Ferguson, T.** (2023, March 16). *”A preliminary exploration of access to disaster risk management (DRM) information and assistance among persons with disabilities (PWDs)”*. Presented at the Caribbean Resilience Webinar: Innovative Approaches for Building Disaster and Climate Change Resilient Communities.

PUBLIC SERVICE

- **Dr Marcia Rainford** has been appointed as a member of the National Council of Education, effective March 1, 2023.

Members of the School of Education's Academic Staff conducted or participated in the following workshops / outreach activities

- **Camperdown High School**
Bramwell-Lalor, S. & Ison, M. (2022, September 7). *"Keys to Assessment that matters."* Conducted with high school teachers.
- **Negril Environmental Education Trust (NEET) Summer CAMP**
Bramwell-Lalor, S., Ferguson, T., Ison, M. (2022, July 13 and 15). *"Climate Change for Primary Schools: Enhancing Teachers' Preparedness to Deliver."* Conducted with primary and secondary school teachers.
- **United Nations Educational, Scientific and Cultural Organization (UNESCO) in collaboration with the Ministry of Education and Youth (MoEY)**
Ferguson, T. (2022, August 9–12, 17–18). *'Teacher Wellbeing and Classroom Behaviour Management' for schools within and surrounding the communities of Denham Town (Kingston) and Norwood (St. James).*

The School of Education hosted a professional development workshop on *Inquiry-Based Teaching in the Jamaican Mathematics Classroom*. The event targeted pre and in-service primary and secondary mathematics teachers/coaches (2023, April 13, 2023). Presentations were as follows:

- *Overview of Inquiry-Based Learning* – Dr. Lois George
- *Questioning Techniques & Problem-Solving* – Dr. Avalloy McCarthy-Curvin
- *Activities teachers can use to facilitate Inquiry-Based Practice* – Mrs. McEachin (Math Educator & Dean of Natural Science Department at St. Joseph's Teacher's College).
- Dr. Therese Ferguson was invited by the UNESCO Cluster Office for the Caribbean to facilitate a workshop session on *Peace Education as part of the UNESCO Education Discussion Forum – "Unpacking Trends and Issues in Education Transformation"*, April 27, 2023, Kingston, Jamaica. The Forum was geared towards policymakers, curriculum planners and education officers.
- Dr. Therese Ferguson was invited to be a Keynote Speaker at the First Sustainable Islands Solutions through Science, Technology Engineering and Mathematics (SISSTEM) Symposium at the University of Aruba, May 10–12, 2023, Oranjestad, Aruba. Her presentation was entitled *"Sustainability Education in the Caribbean: Importance, Impediments and Imperatives"*.

Dr. Ferguson also participated in a Round Table discussion on Education for Sustainable Development with colleagues from the SISSTEM team at the University of Aruba.

AWARDS AND SIGNIFICANT MILESTONES

The book *Education for Sustainable Development in the Caribbean: Pedagogy, Processes and Practices* co-authored by Lorna Down and Therese Ferguson and published by The University of the West Indies Press has been named Finalist in the Education Theory and Practice category for the 2023 PROSE Awards. The Association of American Publishers Awards for Professional and Scholarly Excellence (PROSE Awards) recognises the best in professional and scholarly publishing by celebrating the authors, editors, and publishers whose works have made significant advancements in their respective fields of study each year.

OUTREACH

School of Education instituted the first SOE Day to coincide with World Teachers' Day on October 5. Staff from the School of Education and the Head of Department for Department of Library and Information Studies collaborated to present workshops focused on strengthening capacity of primary educators. The event catered to seventy-nine educators, pre-service and in-service, who participated in three of the six workshops. The workshops were as follows:

- **Cook, L., Cole, S.** *INSIGHTS into Children's Temperament for Educators*
- **George, L.** *Targeting Numeracy: Every Child Can Learn Math!*
- **Heath, R.** *School Librarianship.*
- **Lewis-Fokum, Y.** *Demonstration of the CARILIT (Caribbean Applied Research in Literacy and Instructional Technologies) Spelling Tutor.*
- **Moore, S., Berry, C.** *Technology Infusion in the Primary Classroom.*
- **Spencer-Ernandez, J.** *Differentiated Instruction.*

STAGING OF INTERNATIONAL CONFERENCES

The 6th International Conference on Technical and Vocational Education in Training (TVET) in the Caribbean was held from May 16 to 19, 2023, at the Jamaica Conference Centre, Kingston, Jamaica under the theme ***Building Resilience for Sustainable Development in Disruptive Times.*** The conference was hosted by The School of Education, Mona.

Other partners include:

- Ministry of Education & Youth,
- Centre for Excellence in Teaching and Learning (CETL), HEART NSTA Trust
- UNESCO Cluster Office for the Caribbean
- Caribbean Examination Council (CXC)
- International Labour Organization, Vocational Training Development Institute (VTDI)
- University of Technology (UTECH) and
- Educate St. Lucia

The Caribbean Centre for Educational Planning (CCEP) staged two conferences.

- Theme: ***Teacher Migration in Jamaica: Exploring Push and Pull Factors and Probable Policy Options***, Thursday, December 8, 2022,
- Theme: ***A Conversation with Jamaica's Education Transformation Oversight Committee (EOC): Examining Progress and Engaging New Perspectives***, Tuesday, February 21, 2023.

Dr. Carmel Roofe in her capacity as president of the Caribbean Association for the Advancement of Curriculum Studies organized and hosted the third virtual conference of the association. The conference was held March 23, 2023, under the theme *Reimagining curriculum landscapes through Caribbean epistemologies*. The conference was deemed a success. One hundred and forty seven (147) delegates were in attendance. Delegates were from Jamaica, Guyana, Belize, Cayman Islands, Trinidad and Tobago, Barbados, St. Vincent and the Grenadines, Puerto Rico, USA, Canada and represented stakeholders from different levels of the education system in these countries including ministries of education.



INSTITUTE OF CARIBBEAN STUDIES & REGGAE STUDIES

Dr. Dave Gosse, B.A., M.A.R.S., Ph.D. — Director

INTRODUCTION

Continuity, consolidation and creativity were essential themes responsible for our success in the Academic Year 2022/2023. The Institute of Caribbean Studies (ICS) hosted all three (3) annual lectures, namely: The Stuart Hall Distinguished Lecture, the Bob Marley Lecture and Walter Rodney Lecture. Additionally, the ICS continued its international academic partnerships and also excelled in our teaching and research.

WORK OF THE DEPARTMENT

In alignment with the UWI’s Strategic Plan, the ICS expanded the areas of Cultural Studies and Applied Cultural Studies within the University.

ACCESS

The ICS expanded its programme offerings to fill the gaps within the field of Cultural Studies and employed competent staff to deliver courses at a high standard.

Undergraduate Student Awards

The Table below summarises the ICS prizes for students who excelled academically:

Prizes	Criteria	Value \$	Selected Awardees
The Stuart Hall Prize in Cultural Studies	Best performance in at least 3 Cultural Studies courses.	\$10,000.00	Tonia Brown (ID# 620118648)
The ICS ‘Creative Scholar’ Prize	Best performing Second-year student in core courses across ICS majors ECEM/CCI/M&PS Minimum B+ average.	\$20,000.00	Renardo Lewis (ID# 620136445) & Amarni Gomes (ID# 620109633)

The ECEM Prize	Second-year ECEM Major with the highest performance in core courses. Minimum B+ average.	\$10,000	Kianna Brissett (ID# 620137519)
ICS Prize in Cultural and Creative Industries (CCI)	Second-year CCI Major with the highest performance in core courses. Minimum B+ average.	\$10,000	Amoy Smith (ID# 620076171)
ICS Prize in Music and Performance Studies (MPS)	Second-year MPS Major with the highest performance in core courses. Minimum B+ average.	\$10,000	Renardo Lewis (ID# 620136445)
Caribbean Civilization Prize	Best performance in FOUN1101 – Caribbean Civilization. Minimum B+ average.	\$5,000	Aaron Ffrench (ID#620151138)
ECEM Society Prize	Top performing student contributor to building the profile of the ECEM Society	\$5,000	Brianna Rose (ID#620140605)

The ICS renewed its marketing programme with high schools to attract new students to The University of the West Indies. Some of the activities carried out in the AY 2022/2023 to increase its students' intake were:

1. A Workshop on Culture and Violence in Schools with the assistance of Dr. Deon Edwards-Kerr, Lecturer in the School of Education on Friday, April 28 and Sunday, April 30, 2023. The workshop highlighted the role culture plays in impacting behaviour. It also provided space for the involvement of graduate student Ms. Melissa Beckford-Simpson who chaired the first workshop. The second workshop was chaired by Dr. Sonjah Stanley Niaah and speakers in the series included Dr. Nicole Plummer, Dr. Dennis Howard, Ms. Isabel Dennis and Dr. Dave Gosse.
2. Hosted CAPE Students' Marathons for Sociology Units I and II and Caribbean Studies on Friday, April 28 and Sunday, April 30, 2023. This was also another marketing strategy to aid with increasing the student intake in the programmes offered by the Institute.
3. Visited over twenty (20) high schools to promote our programmes and to assist them in other academic related topics.

GRADUATE APPLICATIONS PROCESSED TO DATE

Graduate Students

Five (5) graduate students were successful in the examination of their theses/research papers/upgrade during the Academic Year, and another student excelled in his doctoral dissertation. They are as follows:

- **M.A Thesis:** Orlando Heslop, Georgette McGlashen, Nardalee Powis, Abigail Williams
- **MPhil Upgrade:** Gail Reid
- **Ph.D:** Kirt Henry – (with high commendation)

The Departmental Awardees in the Cultural Studies Programme for the Academic Year 2022/2023 were as follows:

- Tonia Brown – M.Phil. Cultural Studies Candidate
- Shantal Cover – Ph.D. Cultural Studies Candidate
- Shari Williams – Ph.D. Cultural Studies Candidate

Ms. Paula Daley, Ph.D. Cultural Studies candidate received grants through the Office of Graduate Studies to support her participation in conferences during the period July 2022 to May 2023.

List of the Presenters and Title of Presentations during the AY 2022/2023 are:

DATE	PRESENTER	TOPIC
September 29, 2022	Catherine Grant-Wata	"Defining the Jampolitan: The Jamaican Cultural Imposition of Cityscapes"
October 13, 2022	Meagan Sylvester	"Unpacking the Connections, Interconnections and Disconnections of Kaisofusion in the Diaspora"
October 27, 2022	Nadine Natalie Hall	"Decoding the Art of Survival: Coconut Drops as a Weapon of War"
November 10, 2022	Debon Panton	"Connecting 21st Century Afro-Jamaican Spiritual Practices to Western and West Central African Spiritual Traditions"
January 19, 2023	Dr. Ajamu Nangwaya	"Cultivating a Caribbean (Agri)Culture of Resistance, Food Security & Self-reliance"
February 2, 2023	Mr. Keith Cunningham	"Addressing the Structural Injustices Impacting Toronto Youth Health and Wellness"
February 16, 2023	Dr. Christopher Williams	"The Development of Caribbean Civilization and Somatic Norm Imaging"
March 9, 2023	Dr. Wilfried Rausert	"Garveyism, Black Power, and Public Performance Culture in the Americas"
March 16, 2023	Dr. Dennis Howard	"The Four Pillar Cultural Policy Model: The Indigenization of Public Policy"
March 30, 2023	Ms. Tanya Francis	"The Significance of Profanity in Dancehall Music"
April 13, 2023	Dr. Schontal Moore	"A Case Worth Considering: Artificial Intelligence Reculturing Academic Writing"
April 27, 2023	Dr. Agostinho Pinnock	"Archiving Caribbean Environments: Climate Change, Popular Culture and Mobilities of Care"

PUBLICATIONS:

Referred Book Manuscript

- 2022 – **Gosse, Dave**. *Alexander Bedward of August Town: Race, Religion and Colonialism*. (Kingston, Jamaica, UWI Press, (September, 2022), 250 pages.

Refereed Journal Articles

- 2023 – **Plummer, Nicole** and MacLeod, Erin, “If You Don’t Make Money, Then You Don’t Make Sense”: Representing Legacies of Wealth in Recent Jamaican Dancehall Music.” *Caribbean Quarterly*, 69, no. 1, 48–69.
- 2022 – **Tomlinson, Lisa**, “Elements of Black Power in Dancehall”. In *Black Power in Hemispheric Perspective Movement and Cultures of Resistance in the Black America* ed Wilfried Raussert and Matti Steinitz. New Orleans: University of New Orleans Press, June. (pp 261–275) <https://www.uno.edu/unopress/black-power-in-hemispheric-perspective>.

OTHER PUBLICATIONS:

Non-Refereed

- 2023 – **Mitchell-Hall, Candia**, On the British Coronation: “The Ethics of Republicanism and Reparations”. *The Grenadian Voice (Newspaper)* P. 8, 5 May.
- 2023 – **Mitchell-Hall, Candia**, “The Living Memories of Slavery: On the Question of Grenadian Reparations”. Newspaper article in *The Grenadian Voice* on 3 March. Hard-copy and online publication.
- 2023 – **Mitchell-Hall, Candia**, “The Living Memories of Slavery: On the Question of Grenadian Reparations”. Newspaper article in *Now Grenada* on 28th of February. Published online.
- 2022 – **Hickling Gordon, Deborah**, “Francois St Juste, The Measure of the Man”. *Memorial Booklet*. September 21.

ALIGNMENT

The ICS continued to build relevant academic relationships with local and international partners. Some of the established relationships under the period of review were as follows:

CONFERENCES AND PRESENTATIONS:

Dr. Howard Dennis:

- 2023 – Presenter, Global Impact of Reggae Music Africa and Beyond Symposium Series (Part I) on February 21, at The African Caribbean Institute of Jamaica.
- 2023 – Presenter, “The Internationalisation of Reggae & Dancehall: Implications for the Jamaican Creative Industry”, Moneague College, February 20.

Dr. Dave Gosse:

- 2022 – “Alexander Bedward: Peace without Justice is no Peace”, presented at the – Peace Conference, University of Missouri, Columbia, September 21.

Dr. Deborah Hickling Gordon:

- 2023 – Hickling Gordon, Deborah; Stefanie Thomas Gilbert Roberts, Kerry Ann Henry. “‘Overstanding’ the Status of The Jamaican Artist: Assessing Artist Vulnerability and Precarity In Jamaica’s Cultural and Creative Ecosystem” Panel ‘Dis-ease’: Status of the Artist; Intransit Arts Journal’s. The Meeting Place Festival, January 28, Online. <https://www.linkedin.com/feed/update/urn:li:activity:7025779258052472832/>
- 2023 – Guest Speaker, Ideation Workshop. *Seeds for the Future*, Hwawei, January 17, Panama City. “Connecting the Dots. Transforming Latin America and the Caribbean through Integrated Technology and Creativity.”
- 2022 – Podcast Interview. “Impacting Jamaica”. <https://www.impactingjamaica.com/infocusedition-podcasts/episode/3ab6659e/stop-in-the-present-reframe-direction> Byron Blake 17, November 2022.
- 2022 – Hickling Gordon, Deborah and Stefanie Thomas Gilbert Roberts. “Europe, Cultural Rights and Caribbean Cultural Exchange”; International Days on Cultural Rights – CULTUROPOLIS, November 16–19, 2022 https://www.barcelona.cat/aqui-es-facultura/sites/default/files/2022-11/Programme_Culturopolis_ENG.pdf (see listing on page 7). Video Presentation. <https://www.youtube.com/watch?v=fnh8Uio5i9I&t=371s>
- 2022 – South South Collective; International Caribbean Creative Exchange Investment Readiness Conference, October 5 - 7. Moderator of Panel. “Can we please talk about money”. CCI and Finance.

Dr. Candia Mitchell-Hall:

- 2023 – Team Building Seminar: The Unifying Power of Community Sport. Sports Club in Grenada, Virtual (Zoom Online), 18 May.
- 2023 – Presented a paper entitled “The Memories of Slavery: The Question of Reparatory Justice” for the CAPE History Series by Department of History and Archaeology, FHE, Old Arts Block, Room 03, April.

- 2023 – Presented a paper entitled “Jab/Mas Mus Play: The Caribbean Carnival and the Cultural Economy of Grenada” for the Cultural and Creative Industries course virtually on March 21.

Dr. Nicole Plummer:

- 2023 – Marisa Wilson, Inna Yaneva-Toraman, **Nicole Plummer**, Patricia Northover, Sylvia Mitchell, Thera Edwards, Charmaine McKenzie, Anthony Richards, “Fostering Ancestral Gardens in Jamaica: Towards Place-based Revaluation and Redeployment Of Indigenous And Maroon Food Heritage For Climate Just Adaptation”, Panel 48: Tradition is the New Normal: Food and Farming Revivalism as Response to Crises, Association of Social Anthropologists of the UK: An Unwell World? Anthropology in a Speculative Mode, SOAS, University of London, April 11–14, Online and Face to Face, April 11. [PPT 22 slides].
- 2022 – Panelist, “History, Heritage and Philosophy (and the Humanities in General) in Mediating the Relationship between Humans and the Environment,” UWI/UNESCO Philosophy Day, Undercroft, UWI, Mona, November 17.
- 2022 – **Nicole Plummer**, Thera Edwards, Anthony Richards, Marisa Wilson, Sylvia Adjoa Mitchell, Inna Yaneva-Toraman, Charmaine McKenzie, Patricia Northover, “Connecting Caribbean Youth to Climate Justice through Plant Heritage Stories and Music”, Mico University College Online Conference on Climate Change and Environmental Education, October 13–14, 2022, Online, October 14. [PPT 15 slides]
- 2022 – Facilitator, (along with the Teaching Climate Justice Research Team and Jamaica Taino Hummingbird Tribe), Teaching Climate Justice and Resilience through Ancestral Plant Heritage in Jamaica Workshop with 4H Educators and Community Members, October 13–15, Rosehall, St. Catherine and Lauriston, St. Catherine, and Woodside, St. Mary, October 13–14, 2022.

Dr. Sonjah Stanley Niaah:

- 2023 – ‘Of Water and the Healing of the Spirit to Fly Away Home: Reviewing Alexander Bedward, the Prophet of August Town’, presentation at the launch of Alexander Bedward, the Prophet of August Town: Race, Religion and Colonialism by Dave St. Aubyn Gosse, February 23, The University of the West Indies, Mona Campus.
- 2022 – “Peace and Cultural Diversity” panel presentation during International Cultural Diversity Organisation’s “Long Nights of Interculturality 2021”, annual public event under the patronage of the Austrian Commission for UNESCO, September 13.
- 2022 – “Bob Marley: Prophet, Priest, King”, Jamaica 60 Independence Lecture, Olympus Theatre, Barbados, August 10.

- 2022 – ‘The Legacies of Slavery in the Expressive Cultures of the Caribbean: Beyond Prohibition and Protest’, paper presented at ‘Mills and Sugar: Leveraging Resilience Through Heritage Management, Sustainable Tourism and Creativity’, UNESCO Transcultural Programme, ROK Hotel, Kingston, Jamaica, December 13–15.
- 2022 – ‘Sonic Street Technologies and Jamaica’, presentation (with Dennis Howard & Ashly Cork) at the Society for Social Studies of Science (4S)/ESOC-ITE Joint Conference, December 7–10, Universidad Iberoamericana-Puebla, Cholula, Mexico.
- 2022 – ‘Intersections’ of Sound, Body and Citizenship in the African Diaspora, paper presented at ‘Intersectionality Beyond Eurocentrism’, November 22, University of Tampere, Finland (Virtual)
- 2022 – An ‘Aesthetic of Rape’: Exploring Dancehall, Music and the Dismantling of Dignity in Jamaica, presented at Social Change & Gender-based Violence: Representations in Caribbean Literature & Performance Cultures Symposium as part of the Representing Gender-Based Violence: Literature, Performance and Activism in the Anglophone Caribbean (UWI & University of Leicester) funded by the Arts and Humanities Research Council (UK); September 22–23.

Dr. Lisa Tomlinson:

- 2023 – Panelist on radio show to address the Antiguan government’s decision to provide funding to foreign filmmakers and what is needed to develop a Caribbean film industry, [Virtual panel hosted by The Big Issues: Observer Radio 91.1 FM, Antigua], February 9.
- 2022 – Panelist in roundtable discussion on “Caribbean Film Heritage”, Festival De Film Memoirs, APCAG and Interreg Caribe CINUCA, Guadeloupe, November 23.
- 2022 – Panelist in roundtable discussion on “Caribbean Film Festivals”, Festival De Film Memoirs, APCAG and Interreg Caribe CINUCA, Guadeloupe, November 22.
- 2022 – Specialist/Presenter at Roundtable Talk paper entitled “Mental Health, Creativity: Una Marson’s Poems” [Virtual panel hosted by the Black Cultural Archive UK, “Pocomania Calling”], October 6.

PUBLIC SERVICE

Dr. Howard Dennis:

- 2023 – Moderator, The Sounds in The Sound System Jamaica’s Unique Approach to recorded music performance Alpha Institute, February 27.

- 2023 – Interviewee, Smile Jamaica on The UWI Sound System Course, February 22.
- 2023 – Presenter, Reggae music and its impact on Jamaica’s Culture political a landscape and standards Kiwanis Club Online, February 21.
- 2023 – Presenter, ‘The Global Impact of Reggae Music: Africa, Jamaica and Beyond’, organised by the Ministry of Culture, Gender, Entertainment and Sport, live at CPTC & aired on PBCJ & CVM Television, February 21.
- 2023 – Presenter, ‘The Internationalisation of Reggae & Dancehall: Implications for the Jamaican Creative Industry’, Moneague College, February 20.

Dr. Dave Gosse:

- 2023 – Interviewee, Documentary on Slavery, Reparations and Jamaica as a Republic, Producer: CBC News, Canada, April 18.
- 2022 – Panelist, “What’s Colour Got to Do with It” The Morning Watch – Love 101 Radio, November 15.
- 2022 – Participated in an interview with Cliff Hughes on Nationwide News Network, ‘Removing the Head of State and Reparations’, September 19.

Dr. Deborah Hickling Gordon:

- 2023 – Facilitator, International/Lead Expert: Quadrennial Periodic Report, National Training Workshop and Multi Stakeholder Consultation. Culture Division; Ministry of Tourism, Culture and the Arts, Trinidad and Tobago. April 24–28. For UNESCO Expert Facility on the 2005 Convention on the Promotion and Protection of the Diversity of Cultural Expression.
- 2023 – Facilitator, International/Lead Expert: National Training Workshop and Multi Stakeholder Consultation. Quadrennial Periodic Report, National Institute of Culture and History & Institute of Creative Arts, Belize City. Belize. April 11–15, 2023. For UNESCO Expert Facility on the 2005 Convention on the Promotion and Protection of the Diversity of Cultural Expression.
- 2023 – Audiovisual Script for UWI 75th Anniversary Proclamation. January 5 for UWI Regional Headquarters. https://docs.google.com/document/d/1ref-wnxxyu_oVfBqVlsm2-UGe5tjDT_NMjoSkKamBTGmw/edit?usp=sharing
- 2023 – Radio Programme, The Morning Watch. LOVE FM. January 2. Topic: Devon House Renovation and Policy Planning. https://youtu.be/_SplmtUpKY0
- 2023 – South South Collective Executive Board and ICEC Implementation Project Meetings January.
- 2022 – Pan African Enterprise Research Council Conference Committee Meetings, September 28 and October 13.

- 2022 – South South Collective, ICEC 22 Conference Implementation Team Meetings and Executive Committee Meetings: September 25–October 5.
- 2022 – Inaugural Meeting. Representing ICS on the ‘Creative Voices’ Project. “Evaluation of Jamaica’s CCIs through Economic Impact and National Statistics System (JAM-NSS-CCI). Jamaica Business Development Corporation. November 9 and Consultation Session, November 16.
- 2022 – Pan African Enterprise Research Council Conference Committee Meetings, October 27 and 4 November 10.
- 2022 – UNESCO Expert Facility Meeting, UN Convention on Diversity of Cultural Expressions. September 22. Online.
- 2022 – Kingston Creative Steering Committee Meeting September 15. Online
- 2022 – Drafting Committee Meeting UNESCO, Ministry of Culture, Gender, Entertainment and Sport and Consultation. Towards Crafting a Creative Economy Act. Friday, September 9.
- 2022 – UNESCO, Ministry of Culture, Gender entertainment and Sport. Seminar and Consultation. Towards Crafting a Creative Economy Act. Ministry of Foreign Affairs and Foreign Trade – Kingston Hall. Thursday, 8 Sept.
- 2022 – Paris Mondiacult Event. “A Goal for Culture: Resetting the Global Policy Agenda. UNESCO Expert Facility Thursday August 25. Online.
- 2022 – Television Jamaica Studios. Jamaica 60 Canada Diaspora Celebrations Interview Maango Media Training, a media training institute, Saturday August 6. Online.
- 2022 – Television Interview. Television Jamaica. Jamaica 60 TVJ. History of Public Sector led Celebrations. Emancipation Day. August 1.
- 2022 – Pan African Enterprise Research Council Conference Committee meetings, August 4.

Dr. Candia Mitchell-Hall:

- 2023 – Interview with Prof. Opal Palmer Adisa. 100 Plus Voices for Ms Lou. Regional Headquarters, UWI TV. 17 March.
- 2022 – Planning Meeting – The Grenada 50 Independence Commemorative Committee. Virtual. October 24.

Dr. Nicole Plummer:

- 2023 – Interviewee, Documentary on the Impact of Slavery on the Black Man, Producer: Fritzroy Smith, April 12.
- 2023 – Interviewee, Smile Jamaica, Television Jamaica, “What Length Will Persons go to Convey/Communicate their Message?” (in response to the protest by Firefighter Sergeant Leo Bennett, March 17.

- 2023 – Presenter, “The Orange Economy and YOU,” Ardenne High School, 6th Form, March 8.
- 2023 – Interviewee, “George Thomas White,” Who Do You Think You Are, British Broadcasting Corporation, British Broadcasting Corporation, c/o Dr. Charlie Beirouti, Researcher, Wall to Wall Media, 200 Gray’s Inn Road, London, WC1X 8XZ, UK, March 1.
- 2023 – Guest Speaker, “Jamaica’s Rich Cultural Heritage and the Global Impact of Reggae Music,” Black History Month/ Reggae Month Presentation, Jamaican Association of Bermuda, February 28.
- 2023 – Organizer, HEARTS Season 2, Episode 1: “Self-Care 101”, February 21.
- 2023 – Facilitator, “Write the Vision: Make It Plain Vision Board Workshop”, The Mona Library and Staff Mentorship Initiative, The Multifunctional Room and Zoom, January 18.
- 2022 – Panelist, “History, Heritage and Philosophy (and the Humanities in General) in Mediating the Relationship between Humans and the Environment,” UWI/UNESCO Philosophy Day, Undercroft, UWI, Mona, November 17.
- 2022 – Interviewee, Talking History, Nationwide News Network, “Jamaican Food Heritage and Culture”, October 29.
- 2022 – Facilitator, (along with the Teaching Climate Justice Research Team and Jamaica Taino Hummingbird Tribe), Teaching Climate Justice and Resilience through Ancestral Plant Heritage in Jamaica Workshop with 4H Educators and Community Members, October 13–15, Rosehall, St. Catherine and Lauriston, St. Catherine, and Woodside, St. Mary, October 13–14.
- 2022 – Media Contribution/Commentary Interviewee, CVM Nightly News, Commentary on “UK Announces Visa-free Travel for Peru, Columbia and Guyana but not Jamaica”, October 18.
- 2022 – Interviewee, BwoyATingZ AfterDark with Kareem ‘BwoyATingZ’ Weathers, Nationwide News Network, “Teacher Migration in Jamaica”, August 24.

Dr. Sonjah Stanley Niaah:

- 2023 – Diasporic Rhythms: An Artist Talk between Denzil Forrester, an artist whose vibrant depictions of dancehall culture in the UK appear in the current exhibition *Forecast Form: Art in the Caribbean Diaspora, 1990s-Today*—and music scholar and cultural activist Sonjah Stanley 3 Niaah, whose many publications foreground the past and present of dancehall, *Museum of Contemporary Art*, Chicago, April 21.
- 2023 – Moderator, “The Global Impact of Reggae Music: Africa, Jamaica and Beyond”, organised by the Ministry of Culture, Gender, Entertainment and Sport, live at CPTC & aired on PBCJ & CVM Television, February 21.

- 2023 – Interviewee, Intellect Books’ ‘In conversation with...’ Black History Month Feature, Jamaican Music, Black Masculinity and Social Transformation, February 22. <https://www.youtube.com/watch?v=-05VVtdkNwo>
- 2023 – Interviewee, Soundtrack Jamaica, TVJ feature on Jamaican popular music across the decades, aired February 2023 (see clips https://www.youtube.com/watch?v=BmOS7K_Gnfl and https://www.youtube.com/watch?v=_i_00FzHzQU via YouTube)
- 2023 – Panelist, 11th Annual Grounation, Institute of Jamaica, ‘Sound and Society: Sixty Years of Music, Political Activism and Social Change, Jamaica Music Museum, February 5.
- 2023 – Interviewee, Rebel Salute Recap, Running African, IRIE Fm, January 22.
- 2023 – Interviewer / Co-organiser, Reasoning with Rodigan: A DJ Masterclass with the Legendary David ‘Ram Jam’ Rodigan, 10A West Kings House Road, Kingston, January 19.
- 2022 – Interviewee, Culture and the Arts – Jamaican Music and Dance, Jamaica Magazine, Jamaica Information Service (JIS), aired October 2022 (short clips <https://www.youtube.com/watch?v=a1mjfnAbPfs> and <https://www.youtube.com/watch?v=VBRYfDU0V2U> archived on YouTube)
- 2022 – Interviewee, Recognition of the Heroes of Jamaica’s Past, and the Significance of Heroes Day in Modern Times, CVM, October 17, 2022.
- 2022 – Commentary, ‘Bounty Killer Denounces National Day Of Mourning For Queen Elizabeth II’ September 19, 2022 <https://www.dancehallmag.com/2022/09/19/news/bounty-killer-denounces-national-day-of-mourning-for-queen-elizabeth-ii.html>
- 2022 – Interviewee, Queen’s Death Prompts Commonwealth Nations to Question Monarchy Ties Voice of America, September 16, 2022 <https://www.voanews.com/a/queen-death-prompts-commonwealth-nations-to-question-monarchy-ties/6750733.html>

Dr. Lisa Tomlinson:

- 2023 – Co-ordinated and moderated Conversation with Author Georgette McGlashen Miller. Children Book Series Talk – An ICS collaboration with A Different Booklist Book Store and Blackhurst Cultural Centre, March 12.
- 2023 – Designed and facilitated the workshop entitled “Setting: Beyond, time, place, location” for the JCDC Virtual Creative Writing Workshop Series, March 2.
- 2023 – “Performing Indigeneity and Culture in a New Land Workshop”, National Theatre, London, England, January 13. Guest Speaker [Facilitated via Blended Delivery]

- 2022 – Co-Organizer (in partnership with LCD EVENTS) for the 25th Dancehall Queen Anniversary Celebration, Film Screening and after party at Tracks & Records, October 11.
- 2022 – Organiser (in partnership with LCD EVENTS) for the 25th Dancehall Queen Anniversary Symposium, October 10.
- 2022 – Chief Adjudicator – JCDC FI WI Short Film Competition, September, 2022
- 2022 – Delivered Judge’s Report for FIWI Short Film Competition Awards Ceremony September 29.

AGILITY

The ICS solidified international funding from agencies to support its programmes as shown below:

- A grant of USD25, 000 from the Bard Prison Initiative (BPI) Consortium to train eight prisoners at the Tower Street Correctional Facility and two Correctional Officers in a certificate programme in Entertainment Business
- Partnering with the Council for World Mission Ltd in their Legacies Artwork Commission Project for which JA\$2,900,000.00 was awarded for the completion of a project with colleagues from the Philip Sherlock Centre for Creative Arts and the Edna Manley College of the Visual and Performing Arts. The monument design was selected and a space is to be approved for its erection.
- A grant proposal of EUR 3,000,000 to support the Cultural and Creative Industries in the Caribbean with partnership from UNESCO and CARICOM. This was initiated by Dr. Sonjah Stanley Niaah of the ICS with support from a UWI team, including Dr Deborah Hickling Gordon from the ICS and Dr Julie-Ann Grant of the Mona Office of Research. The project (The Creative Caribbean: An Ecosystem of ‘Play’ For Growth and Development), commenced on January 1, 2021, with an expected duration of 40 months and was recognized by The UWI as the research project attracting the most research funds in the Academic Year 2022/2023.

FACULTY OF LAW Mona

Year ending July 31, 2023



**PROFESSOR SHAZEEDA ALI, LL.B. (HONS) (UWI), LL.M.
(CANTAB), PH.D. (LOND)
DEAN**

Dean's Overview

During the academic year 2022–2023, the Faculty sought to further enrich the students' learning experience, provided continuing legal education and support for the legal profession and otherwise positively impacted the wider society through numerous outreach and other initiatives.

ACCESS

TEACHING AND LEARNING

The Faculty has continued to identify and implement strategies aimed at improving the students' experience. Related activities have included: the 5th Annual Faculty Awards Ceremony for the recognition of outstanding students in academia and co-curricular activities which was held in person on 14 November 2022, after being held virtually for two (2) years due to the COVID-19 Pandemic. Then, fifty-six (56) students were specially recognised based on their performance in the 2022–23 academic year. In addition, One hundred and fourteen (114) trophies were issued in the categories of Subject Awards, Year/Level Awards, Top LLB and LLM Student Awards and Dean's List Awards.

On 30 March 2023, the Faculty hosted its Fourth Annual Career Forum 4.0, with the aim of increasing students' awareness about various career paths available after completing the LLB degree. This took the form of a panel discussion with persons from various professions. Some of the career options presented required the Legal Education Certificate (LEC) and others do not.

The graduate arm of the Faculty continued to promote special admission to the LLM programme. This initiative has capitalized on the market demand of practitioners for one or two specialized courses. A bonus of this initiative is that some students transitioned from the Special Admission programme to full enrollment in the LLM programme.

ALIGNMENT

RESEARCH

Faculty at MonaLaw shared research output locally, regionally and internationally during the last academic year.

Journal Articles

- Ramona Biholar, “Reparations for Chattel Slavery: A Call From the ‘Periphery’ to Decolonise International (Human Rights) Law” (2022) *Nordic Journal of Human Rights* 40(1), 64–95
- Waite, Neto, ‘Concert Promotion as a Trade in Services in CARICOM: Revisiting the CCJ’s Decision in the Cabral Douglas Case’ (2021) *Social and Economic Studies* 70: 3 & 4: 158–175
- Ali, S. “Micro-credit legislation for a macro-economic concern” (2022) 43 (7). *The Company Lawyer* (224).

Book Chapters

- Natalie Corthésy, Bonadio, E. (2022). Implications of Artificial Intelligence in Action – A Jamaican Perspective. *European Intellectual Property Review*

AGILITY

OUTREACH/ REGIONAL AND INTERNATIONAL COLLABORATION

Alignment and Agility is considered including by reference to impact on the local and regional public that we serve.

Geographical Indications Master Class

On 12 January 2023, the Faculty hosted an online master class aimed at introducing prospective students to Geographical Indications in the Global Market, a graduate course offered by UWI Mona. The session was conducted by Dr Natalie Corthésy and Dr Enrico Bonadio, the latter being a visiting researcher from City University London.

IAEA “Nuclear Law Basics” Short Course held January 16–18, 2023

The Faculty in collaboration with the International Atomic Energy Agency (IAEA) Head of Legal, Peri Lynne Johnson, along with her team members Jonathan Herbach

and Anthony Wetherall, conducted a comprehensive 3-day training session on nuclear law and its components. The sessions took place both in-person at MonaLaw's Executive Seminar Room and online via Zoom each day.

The course was attended by approximately eighty (80) persons daily, each of whom was awarded a certificate of participation by the IAEA. The attendees ranged from UWI Staff; UWI students from the Faculties of Law, Science and Technology, Social Sciences and Medical Sciences; members of the Jamaica Defence Force and a representative from the Korean Embassy. The University of the West Indies' staff and students attended without charge, while all other participants were required to pay an administrative fee.

Nine (9) Continuing Legal Professional Development (CLPD) credits were awarded to the attorneys who attended the training.

Meetings with IAEA Delegation and UWI Nuclear Law Stakeholders – 19 Jan 2023

The team from IAEA convened a meeting with eight (8) stakeholders from UWI to discuss the potential and future plans of the established partnership. The goal was to improve education and professional development in the domain of international and national nuclear law through the UWI graduate program.

Linklaters Law Firm (UK) and MonaLaw Collaboration – March 2023

The Faculty successfully shortlisted five (5) MonaLaw students for interviews with Linklaters Law Firm for their internship programme. The Firm selected three (3) students: Akil Williams, Aundrene Cameron, and Damario Patterson as successful candidates. The students provided remote research assistance for 8–10 hours weekly, spanning a period of 3 weeks.

Dr. Natalie Corthésy, Associate Dean of Outreach and Continuing Legal Education along with the Head of Linklaters Caribbean Group, evaluated the interns at the end of the period.

Partnership with City University, London

The Faculty partnered with City University London on a research project on “Protecting Jamaican Geographical Indications (GIs) in the European Union and the United Kingdom.” The research project, was guided by co-investigators Drs. Natalie Corthésy (MonaLaw), Enrico Bonadio and Marc Mimler, (City).

The academic research paper titled “Maximizing the benefits of origin products in an emerging economy – The impact of GI protection in Jamaica” was collaboratively prepared by the co-investigators and the research team. The research paper was published in the fifth issue of the European Intellectual Property Report 2023.

MonaLaw Public Lecture on Human Rights Law and Business

Dr. Ramona Biholar, the former Associate Dean of Outreach and CLE, worked in collaboration with the Outreach and CLE Office to organize a highly successful lecture on the intersection of Human Rights Law and Business on 9 March 2023. The lecture delved into the matter of 'Corporate Criminality in the Caribbean'. The hybrid lecture included participants from diverse locations, locally and internationally. Mr Jeremy Taylor, the Deputy Director of Public Prosecutions was also in attendance.

9th Annual Mona Law Symposium on Law, Governance and Society

The Faculty hosted its 9th Annual Symposium on Law, Governance and Society, 24–25 June 2023 at the Jamaica Pegasus Hotel and online, under the theme 'Vision 2030: Towards Peace, Justice, and Strong Institutions.' The keynote speaker was Mr. Bruce Golding, the Former Prime Minister of Jamaica. The areas of concentration were: Jamaica... Towards a Republic; Emerging Copyright Issues; Global Health; Financial Crime; AML/CFT Obligations and International Financial Services.

The symposium was attended by participants and presenters from local and several overseas territories. Over 100 delegates were present both online and in person on both days.

Pro Bono Legal Support Services provided to the Government of Jamaica

Dr. Christopher Malcolm provided pro-bono legal support service to the Minister of Justice, the Hon. Mr. Delroy Chuck, to assist in the development of a better established framework for Alternative Dispute Resolution (ADR) in Jamaica. This was followed by support previously provided, which culminated in the implementation of the Arbitration Act of 2017, which repealed and replaced the Arbitration Act, of 1900. The work with Minister Chuck has been with a view to securing the implementation of a Mediation Act for Jamaica. Dr Malcolm also served in a pro bono capacity as a Member of the State of Emergency Review Tribunal for the Parish of Trelawny.

OUTREACH TO THE CARIBBEAN:

Dr. Christopher Malcolm provided support for a new programme designed by Justice Winston Anderson and implemented at the University of Guyana, where he served as a Visiting Professor in Arbitration and ADR.

He also served as a Senior Technical Team Member under the IMPACT Justice Programme, which drafted what has become the CARICOM Model Law for Arbitration. It is currently being reviewed for implementation in Trinidad and Tobago,

Guyana and St Lucia. It is anticipated that all Caribbean countries still with old model Arbitration legislation will implement the CARICOM model law soon.

In Belize, he worked with local partners to establish Street Law, Belize as a branch of Street Law Caribbean, which he established for service to the region. During 2021/2022, Street Law Belize continued its work with integral support from Dr. Malcolm in a number of high schools. The impact of the Street Law curriculum has been implemented and has been increasing in Belize and elsewhere across the region under a syllabus designed by Dr. Malcolm. He continues to provide ongoing training and support for teachers of Street Law in Belize, and the programme has been endorsed by the Ministry of Education in Belize.

FACULTY OF MEDICAL SCIENCES Mona

Year ending July 31, 2023



**PROFESSOR MINERVA THAME
MB, BS; DCH; DM (PAEDS); PHD; FACADMED
DEAN**

Dean's Overview

HIGHLIGHTS OF THE WORK IN THE FACULTY

The academic year 2022/ 2023 saw the Faculty of Medical Sciences continuing to work on the initiatives that were created from the strategic goals that were outstanding from the previous academic year and setting new goals and targets to achieve in this academic year. The Faculty continued to streamline its operations by improving processes/guidelines/policies that would better guide the Faculty going forward. In this strategic plan the Faculty examined its operations and develop initiatives to make it more efficient and be more cost efficient. Monetary constraints remained a big stumbling block for the faculty as several of our suppliers were owed outstanding sums of money for services rendered. This impacted in particular, the maintenance of the Faculty Teaching and Research Complex which is the main building of the Faculty, the UWISON building, and several of our building on the University Hospital Compound which belongs to the University.

The UWISON building in particular was infested by mold and the delay in having this addressed lead to serious issues with the Nursing Council where the year one students were not indexed for the first semester of the Academic year. This lead to the first year students having to do an extra semester in the summer to compensate for that first semester. This situation had to be managed very carefully by both the Faculty and Campus leaders to avoid significant bad publicity for the Campus.

The buildings on the Hospital's compound which housed the Pathology Department, the Medicine and Surgery Offices and the West Indian Medical Journal (WIMJ) Office were all affected by the lack of funds to address infrastructural issues. The Pathology Department was the site of several fires due to electrical issues and areas of their operations had to be suspended due to unsatisfactory working conditions in the laboratories. The WIMJ Office had to be relocated as the building that they occupied had severe leaks due to damages to the roof which have not been repaired to date. The Department of Medicine has been facing an absence of its regular electrical supply due to high voltage issues and there have been delays in addressing this issue due to monetary constraints with the latest developments concerning the status of the Power Upgrade Project for the Department of Medicine.

Centralize all transportation in the Faculty

The centralizing of transportation arrangement in the Faculty for our students continues. This process includes the coordination, dispatching and managing of schedules and buses for students. The engagement of the company Above and Beyond has continued, and they worked with the Faculty over this academic year as the sole supplier of extra buses to fulfil the needs of the Faculty. The tender process has not been finalized, we should receive the relevant information to proceed shortly so as to complete the process. An electronic system has been developed to allow the students to schedule their needs for transportation, however, on occasions the students fail to comply or do not cancel their request when they no longer need the service and this causes at times either an under or over supply of buses. We continue to remind the students of the importance of supplying the information of their needs on the electronic system. The arrangement has worked relatively well and the Faculty continues to supply transport for its students to the affiliate training sites.

School of Medical Radiation Technology (SMRT)

SMRT is responsible for training radiographers in modern medicine. The school offers the BSc in Diagnostic Imaging (Radiography) programme and serves as the premier training programme of the Caribbean region, supplying local, regional, and international markets with professional imaging technologists. The demand for radiographers in modern medicine was at an all-time high globally and has led to Jamaica struggling to retain its graduates. The programme was launched in 2006 under Collaborative Agreement between the University Hospital of the West Indies (UHWI) and the University of the West Indies (UWI). The programme was subsequently transferred to the Faculty of Medical Sciences effective August 1, 2010, on recommendation of The Strategic Committee of The UWI.

The programme continues to improve and this Academic year saw the development and approval of the Board for Undergraduate (BUS) for a five year programme. The fees for this new programme was previously approved and Academic year 2023/2024 will see the commencement of this new programme.

The Re-engineered Health Research Resource Unit (HRRU) to the Clinical Translational Research Unit (CTRU)

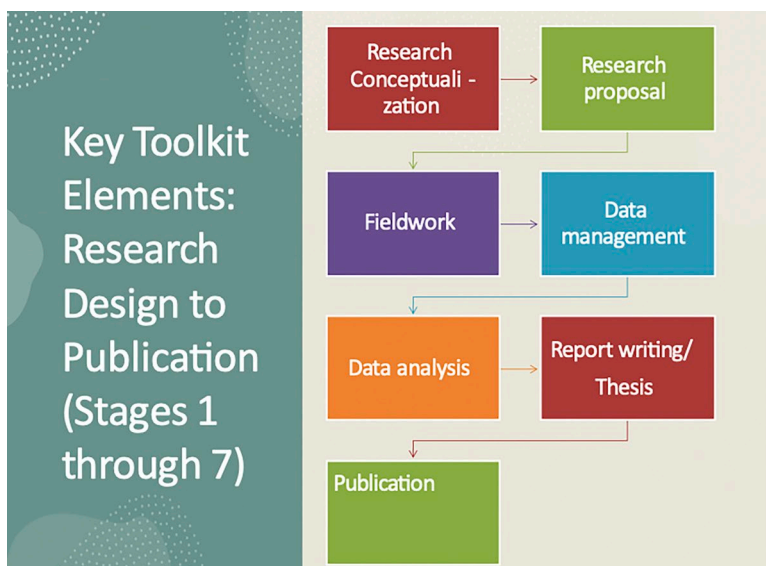
The revised unit continues to grow from strength to strength. The Deputy Dean Research met with all the Departments and created an outline of how they should restructure themselves to ensure that research is promoted. The Unit has also been strengthened by the employment of a research manager whose responsibility it is to have overall responsibility for overseeing the research activities, ensuring that projects are completed on time and within budget, while also making sure that all research activities adhere to relevant policies and standards. This new employee has

a comprehensive understanding of The UWI research processes, experience in all aspects of clinical research including but not limited to regulatory, data management, coordination, fiscal and project management, budget planning and development.

The re-establishment of the Research Fellowships programme in collaboration with CAIHR to build research capacity in the Faculty was also established with a Terms of Reference to guide the process. Unfortunately to date no students have applied for this scholarship.

The new Unit has had several workshops for the Faculty over the last academic year. One of these workshops was the launch of the FMS Research Studies Toolkit – Design to Publication: A Practical Guide designed for use by student researchers and research supervisors as a practical guide to support the development of research work in the Faculty of Medical Sciences, on the Mona Campus. This document is a resource and support mechanism for students pursuing Research Methods courses offered in the Faculty. Additionally, members of faculty may also find this document helpful in the course of their research programmes.

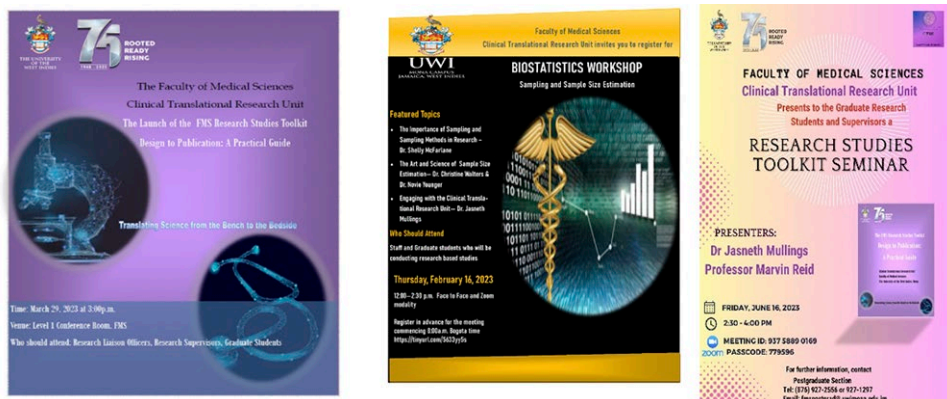
This first edition of the research toolkit focuses on quantitative research procedures and outlines various stages of the research process, commencing at the critical Research Conceptualization Phase and culminating in the Research Publication Phase. This resource aims to simplify and clarify the research process across the various stages. It recognizes the translational science pathways, especially in relation to the multi-disciplinary nature of the training and research programmes of the Mona-based Faculty of Medical Sciences.



From the ‘bench to the bedside’, the translational science principle supports applications for clinical research, clinical practice, and population health programming.

This will provide a baseline guide for persons who may be at various stages in their research journey. This resource may also be informative for students, researchers and staff members in other faculties of the wider UWI.

The Toolkit is available on the Clinical Translational Research Unit page – Faculty of Medical Sciences website at: <https://www.mona.uwi.edu/fms/clinical-translational-research-unit>



Accreditation

The MBBS programme completed an accreditation review by the Caribbean Accreditation Authority for Education in Medicine and other Health Professions (CAAM-HP). The visit took place November 27th to December 6, 2022. The Annual Student Questionnaire and the Annual Progress report were prepared in collaboration with the other Campuses and submitted to CAAM-HP.

The UWI, FMS was successful in the review by CAAM-HP and received Accreditation for five years 2023 to 2028 at the July 2023 General meeting.

UWI SCHOOL OF NURSING (UWISON)

Despite the repairs being completed to the Mary J Seivwright Building which housed The UWI School of Nursing, the relocation of the members to the Building didn't begin until April 2022 and was completed at the end of the academic year. The Projects Office, Estate Management Division, certified the air quality and the completion of the repairs, however, the Nursing Council of Jamaica cited the School as not being compliant and did not index the new students who entered the School in September 2022/2023 until the second semester. This led to the courses done by these students in the first semester of the academic year 2022/2023 being null and void.

Therefore, the students had to repeat these courses in the summer of 2023 to fulfil their requirement to progress. This matter had to be carefully managed by the Senior Management team of the Mona Campus so as to not have significant fall out and adverse outcomes.

ACCESS

AC1 – TO BE A UNIVERSITY FOR ALL

UNDERGRADUATE STUDENTS

Table 1: Undergraduate Enrollment for the Academic Year 2020/2021 to the Academic Year 2022/2023

Programme	Majors and Minors	No. of Students 2020/2021	No. of Students 2021/2022	No. of Students 2022/2023
BBMedSc	Bachelor of Basic Medical Sciences	119	85	86
BSc	Diagnostic Imaging	78	117	153
	Nursing (Post RN)	67	60	55
	Nursing (Major)	1321	1311	1330
	Physical Therapy	123	130	133
DDS	Doctor of Dental Surgeon	78	75	80
MBBS	Bachelor of Medicine & Bachelor of Surgery	1349	1219	1133
	Specially admitted students from offshore universities for clinical rotations/overseas	71	78	84
PharmD	Doctor of Pharmacy	114	128	125
Total		3320	3203	3179

Table 2: The MB, BS Examination Results - Academic Year 2022/2023

Nov/Dec 2022 Examinations (Held in January 2023)						
Subjects	Pass	Hons	Dis	Fail/FA	Total	No. of students who sat each exam
Medicine (MDSC5553)	39	1	-	10	49	49
Obstetrics/Gynaecology (MDSC5554)	32	5	-	3	35	35
Surgery (MDSC5555)	32	1	1	9	41	41
Total for January 2023						57
July 2023 Examinations						
MDSC5553	162	14	-	48	210	210
MDSC5554	190	70	13	12	202	202
MDSC5555	193	24	3	15	208	208
Total for July 2023 sitting						218

Please note that the Nov/Dec Examinations occurred in January 2023 and the June examinations occurred July 2023 due to the effect of the COVID-19 pandemic. Attempts are being made via Cross Campus meetings to re-align the dates to pre-COVID dates.

Table 3: Graduated – Undergraduate Students

Programmes	No. of Students 2020/2021	No. of Students 2021/2022	No. of Students 2022/2023
MB,BS	292	238	275
DDS	8	16	18
BSc Nursing (Major)	289	313	255
BSc Nursing (Post RN)	12	16	8
BSc Physical Therapy	34	43	13
BBMedSc	52	44	16
BSc Diagnostic Imaging (Radiography)	33	23	32
Total	668	685	617

*The data for 2022/23 is incomplete at this time

POSTGRADUATE STUDENTS

Table 4: Postgraduate Students Enrollment – 2020/2021 to 2022/2023

Programmes	No. of Students 2020/2021	No. of Students 2021/2022	No. of Students 2022/2023
CERF: Clinical Fellowships	12	5	9
Diploma	59	88	81
DM	525	462	512
DrPH	31	37	32
MPH	40	42	42
Taught Masters	141	157	128
MPhil	56	55	56
PhD	44	31	44
Total	908	877	904

Table 5: Graduated – Postgraduate Students

Programmes	No. of Students 2020/2021	No. of Students 2021/2022	No. of Students 2022/2023
Diploma	21	49	21
DM	61	94	72
DrPH	1	1	2
MPH	5	15	14
Taught Masters	17	34	31
MPhil	-	-	3
PhD	4	5	11
CERF: Clinical Fellowship	2	2	3
Total	111	200	157

UNDERGRADUATE PRIZES AND AWARDS

Physical Therapy

The School of Physical Therapy was founded in 1972 initially as a government entity and celebrated its 50th year Anniversary in 2022. In August 2006 the School was fully incorporated into the Faculty of Medical Sciences as a section within the Department of Basic Medical Sciences.

In September, 2022 the Section of Physical Therapy had events which included their Open Day and a seminar with Professor Kathleen Norman from Queens University in Canada as their guest speaker delivering a scintillating lecture on Physical Therapy.

This Unit continues to produce graduates that serve our many medical facilities in the island. There are plans to move their offerings from the Bachelor to a Doctor of Physical Therapy.



Prizes awarded in the BSc Physical Therapy Programme – 2022/2023

- Best Performance in Anatomy – *Sage Sinclair*
- Best Performance in Physiology – *Shannon Gibson*
- Best Performance in Musculoskeletal Rehabilitation 1 – *Shannon Gibson*

- Musculoskeletal Rehabilitation 2 – *Shannon Gibson*
- Best Performance in Cardiopulmonary Physical Therapy – *Shannon Gibson*
- Performance in Neurological Rehabilitation – *Shannon Gibson and Kavia Berry*
- Outstanding Performance in Clinical Practice – *Kayla Durant*
- Best Performance in Medical Science 1 (orthopaedics) – *Shannon Gibson*
- Best Performance in Medical Science 2 – *Shannon Gibson*
- Nyle Stewart Memorial Award – *Shannon Gibson*

Prizes awarded in the MB, BS Programme – 2022/2023

The Aubrey McFarlane Bursary

Dr. Eric Dixon

Awarded to the student with the Best Overall Performance in the Surgery in the May/June MB, BS Stage II Examination at the Mona Campus

David B. Stewart Prize in Obstetrics and Gynaecology

Dr. Eric Dixon

Awarded by The UWI Medical Alumni-Canadian Chapter. Top performer in the Obstetrics and Gynaecology Final MB, BS Examination – at the Mona Campus

Medical Association of Jamaica Insurance Fund Prize in Obstetrics & Gynaecology

Dr. Eric Dixon

Best overall performance in Obstetrics and Gynaecology at the Mona Campus

The Astley Karl Banbury Foundation Prize for Academic Excellence

Dr. Danielle Ebhohimen

Highest mark in the Medicine and Therapeutics Written Paper at the Mona Campus

Medical Council of Jamaica Prize

Dr. Eric Dixon

Jamaican Student with the Best Overall performance in the MB, BS Examination

Allenbury Prize in Medicine

Dr. D'Agaene Clarke

Highest mark in the MB BS May/June (Clinical Examination) in Medicine and Therapeutics at the Mona Campus

Pathology/Microbiology Medal and Prizes

Professor Louis Grant Prize for Microbiology

Dr. Britney Ivey

Best performance in Microbiology

Professor S.E.H. Brooks Memorial Prize

Dr. Britney Ivey

Best performance in Pathology

Pathology/Microbiology Medal

Dr. Britney Ivey and Dr. Eric Dixon

Best overall academic performance in Pathology and Microbiology at the Mona Campus

Medical Protection Society Prize

Dr. Phillip Ebanks

Best Overall MB, BS Programme Performance) Highest Programme GPA;
Consistent Academic/Professional Excellence

Surgery Subject Medal

Dr. Eric Dixon

Best academic performance in Surgery in the MB, BS May/June Final Examinations on all Campuses

The General Surgery Prize

Dr. Danielle Reece

Awarded to the student with the best performance in the MB, BS May/June Surgery (theory) Exam on all Campuses

Sir Harry Annamunthodo Prize in Surgery

Dr. Eric Dixon

Awarded to the student with the Best performance in the clinical component in the May/June Final MB, BS Final Examination on all Campuses

Dr. The Hon John Hall Prize (Honours in Medicine)

Dr. D'Agaene Clarke

Dr. Phillip Ebanks

Dr. Danielle Ebhohimen

Top three students with Honours in Medicine and Therapeutics Examination

Sagicor Life Jamaica Limited Award

Dr. Phillip Ebanks

Best performance in Paediatrics in the Medicine and Therapeutics MBBS Examination – this includes best Paediatrics performance in the OSCE and highest score in the written paper

The 1948 Society of The UWI Medical Alumni Association

This scholarship was awarded to three students, at a total of \$3000 USD. These students were Kimberly Clarke, Stania McIntosh and Tiffany Campbell, each receiving USD1,000.00.

The 2023 Hardat Sukhdeo Scholarship

The 2023 Hardat Sukhdeo scholarship has been awarded annually since 2018 to honor the 1962 UWI graduate who had a distinguished career in Psychiatry. The USD 1,500 scholarship is awarded by the Central Florida Chapter of The UWI Medical Association in memory Dr. Hardat Sukhdeo. The 2023 Hardat Sukhdeo Scholarship was awarded to Lia Miller.

New/ Revised Programmes

There were no new programmes or revised programmes for the academic year 2022/2023. The BSc in Diagnostic Imaging that was approved in 2022 was finalizing all its courses to start its offer in the upcoming academic year.

AC2 – TO BE THE UNIVERSITY OF FIRST CHOICE FOR ALUMNI AND NON-STUDENT CUSTOMERS SEEKING PRODUCTS AND SERVICES FOR ALL THINGS CARIBBEAN

The Faculty continued to provide a wide array of options for health professions training with seven undergraduate programmes and a large number of post graduate offerings in both clinical and non-clinical areas.

Faculty members are a part of national committees and service which enhanced their competitiveness as a dynamic and relevant arm of the University with credible and attractive offerings and experiences.

Appointment

- **Professor Dalip Ragoobirsingh - World Health Organization Guideline Development Group** (Food Fortification with Micronutrients)
- **Dr. Debbie Thompson - World Health Organization Guideline Development Group** (Prevention & Treatment of Wasting in Infant and Children)

- **Dr. Henroy P. Scarlett** was elected the President of the International Federation of Environmental Health (IFEH) on August 23, 2022, at the AGM/Council meeting and Congress of the IFEH held in Kuala Lumpur, Malaysia. The IFEH is a global federation of National environmental health associations and academic institutions representing over 40 countries. He is the first person from the Caribbean to hold that position and the second from the region of the Americas.

AC3 – IMPROVING THE QUALITY OF TEACHING, LEARNING AND STUDENT DEVELOPMENT

TEACHING AND LEARNING

MB, BS Curriculum Review

The FMS Curriculum Review Committee, which was reconstituted, continued its review of the MB BS programme. The Committee continued to meet as it considered various options to improve the curriculum. Any major change to the curriculum would include discussions with the other Campuses as we continue to strive for harmonization across the campuses.

Associate Lecturers Review

The process for engaging Associate Lecturers (ALs) has been an ad hoc process, as there was no clear process for determining when and who were to be hired. It was against this background that the FMS engaged external consultants to review the engagement of ALs and to make recommendations to address the challenges identified. The review within the Faculty saw a significant scaling down of Associate Lectures at the affiliated sites. This addressed the untenable ratios of Associate Lecturers: Students to a more acceptable distribution. This cost saving exercise resulted in the faculty reducing the expenditure of employing Associate Lectures by approximately JMD\$ 80 million.

Phase/Stage II Credits

One area which needed to be addressed was the harmonization of the number of credits across the campuses for Stage 1 and Stage 2. A series of Cross Campus meetings were held over the academic year to address this issue. The successful harmonization of credits for Stage/Phase 1 was accomplished, and all Campuses at the end of Stage/Phase 1, now have 105 core credits. The task of harmonizing the credits for Stage/Phase 2 was recently completed and was approved by the Board for Undergraduate Studies (BUS) over the academic year 2022/2023.

Phase/Stage II Objectives

There are written objectives for the Phase/Stage 1 MB BS programme. However there are none for the Phase/Stage II. In March 2023 we embarked on a project to review the existing documents across the campuses and to establish a common set of cross campus objective for the Phase/Stage II UWIFMS, MB BS programme. The aim is to ensure that a graduate of any one of the campuses receive a similar university experience and achieve a similar education despite the campus they may attend, in keeping with the “One UWI Triple A Strategy” of The University of the West Indies. This project is expected to be completed by December 2023.

BMedSci Degree

Another major achievement was the implementation of the removal of the automatic receipt of the BMedSci degree after the first three years of the MB BS programme. This will apply to all students who commenced medicine in the academic year 2022/2023. This degree will only be awarded if the student does not complete the penultimate and/or final year of the MB BS programme. The student will be expected to apply for this degree.

Unified MBBS Final Examination

Approval has been granted by BUS to conduct a Unified MB BS final Examination for the first time in June 2024. This approval was received in the academic year 2022/2023 and plans will start in the academic year 2023/2024 for the implementation of this plan.

Timing of the Final MBBS Examinations

Due to the disruption of the COVID 19 Pandemic to the MB BS schedule throughout the Campuses, there were varying times of completion for teaching among the Campuses, which resulted in final examinations being held at a later time than usually scheduled. The ripple effect of the postponed final examination resulted in a delay of The UWI in providing the interns for the Ministry of Health and Wellness (MOHW) of the Region. Mona was asked by the MOHW to try and return to pre-COVID dates of July 1. This was not an easy task and could not be achieved in one academic year. Several meetings among the Campuses concluded with the decision that the final examinations would return to pre-COVID years in July 2025. Concerted efforts have seen us being able to complete and provide interns for August 1 2023.

DONATIONS TO THE FACULTY

Donations in support of Teaching and Learning

This is our 75th Anniversary year of The UWI and we have marked this milestone with several events and conferences. An initiative from the Faculty for this 75th Anniversary year is to actively reach out to our Alumni to be engaged in mentoring as well as providing financial support. The level of expansion in departments and enrolment to our Faculty carries with it obligations because teaching methodologies, student assessment and learning techniques have undergone significant transformation. A ready access to computers and simulation resources are important adjuncts to learning in modern, forward-looking academies.

Our ability to fulfill the current expectations and demands for our students in areas of modern technologies is falling short because, despite having a 200-station computer laboratory, presently we have only 50 devices. This causes problems, because sourcing computers for the everyday activities of teaching and learning sometimes is challenging, as other faculties and departments do not always have instruments to share.

Re-equipping the Computer Lab and restoring our simulation stations is an expensive exercise for which we need financial help to complete and so we have approached our alumni to donate to helping us purchase 150 computers costing approximately USD 160,500 and acquire simulation equipment (at an additional cost of USD 150,000.00).

Executive Vice-President, Scotiabank Caribbean, Central America and Uruguay, Visits FMS

On Friday, March 10, 2023, The Campus Principal – Prof. Dale Webber, Dean Minerva Thame, Deputy Dean – Dr. Annette Crawford Sykes, together with the Institutional Advancement Division, met with Ms. Anya Schnoor, Executive Vice President, Scotiabank Caribbean, Central America and Uruguay, and Chairperson of Scotiabank Jamaica and members of her executive team for a courtesy visit and tour of the Faculty. In addition to the courtesy visit, a formal handover of The UWI Toronto Scotiabank Award to approximately 15 recipients was done.



Dr. Tameka Stephenson (Class of 2016) and Minerva Thame (Dean, FMS)



FMS Equity, Diversity and Inclusion

This **FMS Equity, Diversity and Inclusion (ED&I)** committee chaired by Dr, Sonja Williams sought to nurture the culture of the Faculty so that equity, diversity, and inclusion could become ingrained in our operations. They produced informative flyers which were shared with the FMS Community and designed to provide short but impactful snippets of information related to ED&I.

Academic Advising

Academic Advising continued for 2022/2023 for the MB, BS students. Notification occurred and flyers were prepared for advisors and advisees. This is the fourth year since this activity resumed and dialogue continues with HODs regarding the assignment of advisors. The assignment of advisors should be completed by end of September 2022.

Notice to Students



Notice to Staff



- 4th year students were assigned academic advisors for the first time during the 2022–2023 academic year
- This is to be continued with the new academic year
- An Academic Advising container was created and used to facilitate communication. This initiative commenced with the MB BS programme.

A series of webinars have been conducted in the Academic Year 2022/2023 to give career guidance to our MB BS students. The Start of the Career series: “Careers in Evolution” (see flyers below) saw a series of specialties being presented. These series will continue to be presented in the next academic year, however, additional specialties will be included. The feedback on these series have been extremely positive and the responses indicated that the students wished more of these series to be conducted.

<p>CAREERS IN EVOLUTION OB-GYN POSSIBILITIES</p> <div>  <p>Dr. Daryl Daley MBBS, DM (OG) Senior Registrar May Pen Hospital; Consultant OB-GYN Gynae Associates</p> </div> <div>  <p>Dr. Chrisann Simpson-Harley MBBS, DM (OG) Medical Director West Trade Medical Centre</p> </div> <div>  <p>Dr. Sara Lawrence-Lewis MBBS, DM (OG) Consultant OB-GYN Charis Women Wellness</p> </div> <div>  <p>Dr. Ashlee Hay-Maragh OB-GYN Resident OM Programme, UNH</p> </div> <p>Supporting student success</p> <p>Hosted by: Jade McIntosh Moya Palmer</p> <p>April 13, 2023 5:00 PM Meeting ID: 983 4681 6024 Passcode: 175118</p>	<p>CAREERS IN EVOLUTION SURGICAL POSSIBILITIES</p> <div>  <p>Dr. Carolyn Pinnock MBBS, DM (Paediatric Surgery) Executive Director Tots to Teens</p> </div> <div>  <p>Dr. Lindberg Simpson MBBS, DM (General Surgery) Advanced Laparoscopic/Robotic/ Bariatric Surgeon Head of Department Surgery KPH</p> </div> <div>  <p>Dr. Franz Smith MBBS, MACM, MAS, FACS Surgical Oncologist, Assistant Dean of Education Rutgers New Jersey Medical School, Assoc. Surgery Program Director</p> </div> <div>  <p>Dr. Marlon Reid MBBS (HONS), MRCS Neurosurgery Resident Medical Member Junior and Senior Track & Field Team</p> </div> <p>Supporting student success</p> <p>Hosted by: Lisa-Ashley Crooks Marc-Anthony Davis</p> <p>Mar 9, 2023 5:00 PM Meeting ID: 983 4681 6024 Passcode: 175118</p>	<p>CAREERS IN EVOLUTION PAEDIATRIC POSSIBILITIES</p> <div>  <p>Dr. J. Dunkley-Thompson MBBS, DCH, MRCPCH Pediatrics Paediatrics Institute Hennepine Regional Hospital</p> </div> <div>  <p>Dr. Shivan Belle-Jarvis MBBS (Hons) Paeds, Paediatric Urology, Paediatrics (Genit) St Louis End Medical Centre</p> </div> <div>  <p>Dr. John Reyes MBBS, DCH, DCH (Genit) Gen Gen</p> </div> <div>  <p>Dr. Sakinah Hayden-Matthews MBBS Paediatric Medicine Year 6 Resident University Hospital of the West Indies</p> </div> <p>Hosted by: Glennel Hyacinth Christian Foster</p> <p>Mar 30, 2023 5:00 PM Meeting ID: 983 4681 6024 Passcode: 175118</p>
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There have been several other webinars for students under the Academic Advising programme. Please see flyers below with the various topics.

Cross Campus Academic Advising continues to be developed and a survey was conducted cross campus to gather data to help to improve the process. The Cross Campus Team sought Ethical Approval for a mentorship survey. The Objectives of the survey included: 1. Describing mentorship as understood by students and potential mentors, 2. To describe student and potential mentors (interest) willingness to participate in mentorship, 3. To identify students' and potential mentors' preferences in choosing mentors/mentees 4. To describe students and potential mentors preferred mentorship styles.

Student Development

Personal & Professional Development Activities

The Personal Professional Developmental Officer and her Office has played an instrumental and extremely important role in the Faculty over the last academic year. Our students have been under tremendous pressure and the Pandemic appeared to have exacerbated the needs of our students.

Efforts by the PPDO has focused on working closer with departments that are underrepresented in group activities. Collaboration with Careers and Placement occurred in February–April 2023 and there was resumption of Clinic, Mock Interviews and Annual Career Conference. Attempted meeting with International/Offshore students were disappointing as they were poorly attended and often there were clashes with meetings by their own school.

In semester two alone there were approximately 250 encounter with students and the PPDO. The PPDO continues to have one on one appointments with our students requiring support but the Office is also responsible for hosting several webinars on stress management, time management, coping mechanisms among many others.

In view of the growing demands, the Faculty seeks to employ a second PPDO in the next academic year to strengthen this unit.

AC4 – IMPROVING THE QUALITY, QUANTITY AND IMPACT OF RESEARCH DEVELOPMENT

RESEARCH AND INNOVATION

West Indian Medical Journal

The burden of the backlog was significantly reduced but not yet completed. The Editorial Office, a Senior Administrative Assistant for the West Indian Medical Journal (WIMJ) was confirmed in her position this year. The publication of the CARPHA Supplement for its Annual Conference which was held during April 26–29, 2023. The Journal resumed acceptance of new manuscript September 2022, using online platforms.

The Journal continues to be very important for our Faculty as many young researches start their academic career and publishing through this journal. The financial issues plagues the journal, but with new strategic planning from the Editor in Chief we are hopeful the journal will be resuscitated fully.

SUNY-UWI Conference

The SUNY-UWI Center for Sustainable Leadership Development and the SUNY Global Health Institute held the 4th joint session of the SUNY-UWI Health Research Consortium and the SUNY Global Health Institute Workshop on March 9th and 10th, 2023. This symposium was geared at building research capacity through sub-groups with specific interests. Slowly collaboration is being fostered between the two institutions. Very interesting topics were discussed and the two institutions continue to collaborate in many areas.

Re-Introduction of the Professorial Lectures

There has been a hiatus in the presentation of the Professorial Lectures in the Faculty of Medical Sciences and this has been exacerbated due to the COVID-19 pandemic. Now that the pandemic has been declared over and face-to-face engagement has been restored, The Professorial Lectures has recommenced in April 2023 and each month moving forward there will have a Professorial lecture presented.

The name has been changed to Professorial Lecturers because many of these lectures given are not inaugural.

Publications

Research Contribution by Departments/Schools/Units

Department	Refereed Journal Articles	Presentations -Conferences/ Scientific Meetings	Books & Monographs (b)/ /Book Chapter (bc)	Technical Reports
Basic Medical Sciences	35	20	2 (bc)	1
Child & Adolescent Health	15	24	2 (bc)	5
Community Health & Psychiatry	26	18	-	6
Medicine	16	9	-	-
Microbiology	14	18	-	-
Obstetrics & Gynaecology	7	9	1 (bk)	1
Pathology	14	14		-
Surgery, Radiology, Anaesthesia & Intensive Care	8	20	-	-
Caribbean Institute for Health Research	53	22	1 (bc)	2

Dean's Office	4	-	2 (bc)	-
School of Dentistry	10	10	-	-
UWI School of Nursing	5	30	-	2
Hugh Wynter Fertility Management Unit	4	15	-	-
Total	211	209	1(bk) 7(bc)	17

ALIGNMENT

AL1 – PROMOTE GREATER ACTIVISM AND PUBLIC ADVOCACY

Collaborative Efforts with The Center for Education, Simulation and Innovation (CESI) at Hartford Healthcare



Ann-Marie Grant AFUWI and Ms. Alison Roach Wilson, the Consul General of Jamaica in New York

Mr. Keith Grant (Senior VP Operations Hartford Healthcare), Prof Reid, Dr. Smith from FMS, The UWI, Mona

The UWI was invited by Ms. Alison Roach Wilson, the Consul General of Jamaica in New York and Dr. Stephen Donnahue from the Centre for Education, Simulation & Innovation (CESI) in Hartford, Connecticut. This invitation was the result of a renewal of a push to activate an MOU between the Government of Jamaica and Hartford Healthcare for the exploration of expansion of the utilization of Simulation Technologies for Healthcare training. Two of the Deputy Deans from FMS visited Hartford to have discussions and visit their simulation lab in December 2022.

Discussions have continued with the two Institutions as we forge a partnership to try and expand our simulation lab in FMS. This is an expensive venture and the hope is that this partnership may be fruitful to this end.

UWISON

The University of the West Indies (UWI), Mona Campus was engaged by the Turks & Caicos Island Community College (TCICC) for final year nursing students to be facilitated in gaining clinical experiences at The University Hospital of the West Indies (UHWI). This aim was actualized through a joint memorandum of understanding among the UWI, the UHWI and the TCICC. The University of the West Indies School of Nursing, Mona was tasked to undertake this exercise.

Under the MOU, the TCICC students are to have 22 weeks of clinical experience covering maternal and child health, pediatrics, mental health, medical surgical nursing, and specialized nursing care. To facilitate their experiences, the TCICC students would register as specially admitted students for four (4) nursing practicum courses. These are: *NURS4011 Nursing Care of Children and Adolescents Clinical Practicum*; *NURS3137 Mental Health Nursing Clinical Practicum*; *NURS4013 Nursing Care of Patients in Specialized Care Settings Clinical Practicum* and *NURS2214 Nursing Care of Adults (19–64years) Clinical Practicum*.

Seven (7) students from TCICC arrived in Jamaica on Sunday June 4, 2023. They are residents at the George Alleyne Hall of Residence. Based on a pre-test, students were engaged in simulated medication administration and physical assessment procedures in the Clinical Learning Centre at UWISON prior to their placement in hospital settings. To date they have successfully completed NURS 4011 and are presently completing the NURS 3135 rotation. The final assessment for this course is scheduled for Monday August 21, 2023. The students are expected to complete the experience by the end of Semester 1 of the 2023/2024 academic year.

Social Accountability

The Faculty continued to be involved in outreach projects and inter-professional education. These outreach activities benefitted needy communities across Jamaica. Dr. Thaon Jones the chair of this committee together with his team, involves students of the Faculty and have staged several successful outreaches.

The inter-professional outreaches have been the most visible outcome of the committee's work. These Outreaches support:

1. Underserved patient care populations across Jamaica
2. Understanding healthcare roles by students
3. Understanding responsibilities of patient care

The areas of focus and student involvement for these Outreaches are: 1. Medicine, 2. Nursing 3. Pharmacy 4. Dentistry 5. Physical Therapy 6. Social Work 7. Public Health 8. Radiographers 9. Research Scientists.

The committee organized four main Faculty Outreaches each calendar year. In 2022, the following locations were visited: 1. Westmoreland St Peter's Anglican Church, Petersfield; 2. St Ann – Walkerswood Academy, 3. St Andrew – Christian Life Fellowship Church and 4. Kingston – Tarrant Primary & Junior High School.

The number of patients seen ranged from a low of 40 to a high of 70 patients in various disciplines.

The normal timeline for the four committee led Outreaches is:

1. February/March – Christian Life Fellowship Church
2. March/April – Tarrant Primary and Junior High School
3. June/July – St. Peter's Anglican Church
4. October/November – Walkers wood Academy

In 2022, the committee was invited to an Outreach at the Randolph Lopez School of Hope where patients from the Jamaica Association of Intellectual Disabilities were seen. The committee has been asked to consider adding this location to the four annual Outreach locations.

A FMS Social Accountability Award has been introduced at the Faculty's Students Awards Ceremony. The criteria for the award is: Social Accountability, this award is given to the student from a programme who is outstanding in at least one of the following criteria. 1) Organization and Function Accountability – Actively involved in organized and structured clubs, groups that promote Social Accountability 2) Educational Accountability – Demonstrated participation in seminars, workshops, conferences directly related to Social Accountability 3) Research Accountability – Conduct Research, publishes/presents on topics directly related to Social Accountability 4) Contribution to Health Services Accountability – Volunteers and actively participates in health services designed activities in Social Accountability 5) Environmental Accountability – Promotes environmental sustainable solutions to address health concerns in Social Accountability.



AGILITY

AG1 – ESTABLISH A PHYSICAL PRESENCE OF THE UWI ON ALL CONTINENTS

The Faculty continued to reach out to its Alumni making greater efforts to promote an actively engaged and diverse alumni body working closely with the Faculty. At the initiative of Professor Emeritus Sir George Alleyne, former Chancellor of The UWI, a more formal arrangement was being created with the Medical Alumni to contribute to the FMS. Through an Alumni Dr Rickhi Badri an initial list with members of the alumni (and 1 non-alumni) was submitted with interested persons and with whom the Faculty was asked to establish collaborations. The intention was to engage the alumni in other activities and not only for funding support. With our 75th year of celebrations approaching, this was hoped to be one of our main focus.

AG4 – FOSTER A CREATIVE, CARING, ACCOUNTABLE, MOTIVATED, PROFESSIONAL (CAMP) TEAM PUBLIC SERVICE/CONTRIBUTION TO UNIVERSITY/SCHOLARLY ACTIVITY

Members of academic and professional staff in the Dean's Office continued to participate in public service and other university activities. This included the following:

Health Professions Education Unit

The Health Professions Education Unit (HPEU) continued to be engaged in activities under its mandate for the promotion, development, implementation and monitoring of health professions' education initiatives with special emphasis on faculty and staff continued professional development, research in health professions education, accreditation and quality enhancement, curriculum development, and inter-professional collaboration. This academic year there was a concentrated effort to develop the Mentorship Initiative programme.

STAFF MATTERS

Appointments & Promotion

Professors



Rajendra Santosh
October 2022
Professor of Oral
and Maxillofacial Pathology
*First Professor of the School of
Dentistry, Mona*



Jean Williams-Johnson
May 2023
Professor of
Emergency Medicine
*Deputy Dean Graduate
Studies and Department of
Surgery, Radiology, Anaes-
thesia & Intensive Care*



Lizette Mowatt
May 2023
Professor of
Ophthalmology
*Department of
Surgery, Radiology,
Anaesthesia &
Intensive Care*

Senior Lecturer

The following members of staff were promoted to the level of Senior Lecturer:

- **Dr. Angella Rankine Mullings** – Caribbean Institute for Health Research
- **Dr. Shelly McFarlane** – Caribbean Institute for Health Research
- **Dr. Debbie Thompson** – Caribbean Institute for Health Research

Conferral of the title, Professor Emerita

- Professor Denise Eldemire Shearer, Mona Ageing & Wellness
- Professor Celia Christie, Child & Adolescent Health
- Professor Maureen Samms-Vaughan, Child & Adolescent Health
- Professor Peter Figueroa, Community Health and Psychiatry

Transfer

- Dr. Praitmanand Singh, was temporary transferred from the Dean's Office to the Mona Aging and Wellness Center, reporting to the Principal of the Mona Campus – June 1, 2023.

Retirement

- **Professor Maureen Samms-Vaughan**, Department of Child & Adolescent Health, August 2022
- **Dr. Wayne West**, Department of Surgery, Radiology, Anaesthesia & Intensive Care, September 2022
- **Dr. Valerie Kerr**, Department of Basic Medical Sciences – September 2022
- **Professor Jean Williams-Johnson**, Department of Surgery, Radiology, Anaesthesia and Intensive Care-Emergency Medicine, July 31, 2023
- **Dr. Hyacinth Harding-Goldson**, Surgery, Radiology, Anaesthesia and Intensive Care- Anaesthesia, July 31, 2023
- **Professor Jean-Pierre Louboutin**, Department of Basic Medical Sciences-Anatomy, July 31, 2023
- **Professor Dalip Ragoobirsingh**, Department of Basic Medical Sciences – Biochemistry, July 31, 2023
- **Dr. Paul Singh**, Department of Basic Medical Sciences-Pharmacology, July 31, 2023
- **Dr. Henroy Scarlett**, Department of Community Health and Psychiatry, July 31, 2023
- **Dr. Kay Bailey**, Department of Child and Adolescent Health, July 31, 2023
- **Dr. Steve Weaver** UWI School of Nursing, July 31, 2023

Resignation

The following members of staff resigned from their positions in the Faculty:

- **Dr. Glendee Reynolds**, Department of Microbiology, *September 1, 2022*
- **Dr. Peter Johnson**, Department of Surgery, Radiology, Anaesthesia & Intensive Care – *A Six (6) months' notice was received in July 2022 to take effect December 31, 2022*
- **Mrs. Kadian Hewitt-Thompson**, Lecturer of The UWI School of Nursing, her resignation from the University was effective December 5, 2022.

Awards

Jamaica National Awards

- **Professor Maureen A. Samms-Vuaghan, CD** received Jamaica national award Order of Jamaica for pioneering Research, Clinical Work and Policy Development in the field of Child Health, Child Development and Behaviour.
- **Dr Cameil Wilson-Clarke** – received Lifetime Achievement Award – Caribbean Association of Pharmacist 2023

Obituaries

The Faculty mourned the passing of the following persons:

- **Professor Michael Emerson Clare McFarlane**, Department of Surgery, Radiology, Anaesthesia & Intensive Care
- **Dr. Chloe Morris**, Department of Community Health & Psychiatry
- **Dr. Clive Thomas**, Department of Surgery, Radiology, Anaesthesia & Intensive Care
- **Dr. Sebastian Peter**, School Of Clinical Medicine And Research, Nassau
- **Dr. Marsha Gooden**, Department of Child and Adolescent Health
- **Dr. Cumberbatch**, Department of Surgery, Anaesthesia and Intensive Care
- **Dr. Bilal Abayomi** was an intern at the UHWI and a graduate of the Bachelor of Medicine, Bachelor of Surgery (MB, BS), Class of 2022.

I am very grateful for all the contributions and support over the past academic year in managing the Faculty of Medical Sciences. Our team of Deputy Deans, Heads of Departments, Unit Directors, Programme Directors, Coordinators and administrators and leadership from our professors and other members of staff had been appreciated. Administrative support in the Dean's Office from all members of staff has been excellent. The guidance and support of the Office of the Principal, the Office of the Campus Registrar and the Bursary has been appreciated.



DEPARTMENT OF BASIC MEDICAL SCIENCES

Professor Jean-Pierre Louboutin, MD, PhD – Head of Department

VISION OF THE DEPARTMENT

A multidisciplinary Department promoting excellence in teaching and research in Basic Medical Sciences at the regional and international levels.

MISSION OF THE DEPARTMENT

To advance student development by improving the quality of teaching and to foster biomedical research and its dissemination at the Caribbean level and beyond.

WORK OF THE DEPARTMENT

The Department of Basic Medical Sciences comprises five sections: Anatomy, Biochemistry, Pharmacology and Pharmacy, Physiology and Physical Therapy. This unique combination offers an integrated approach to a better knowledge of the Human body, as well as to the mechanisms observed during pathophysiological processes. With the establishment of the Pharmacy (PharmD) programme, the section of Pharmacology was renamed Pharmacology and Pharmacy in 2017.

The Biochemistry Section of the Department of Basic Medical Sciences delivers teaching to more than 1,000 students per year at the Faculty of Science and Technology in the disciplines of Microbiology, Biochemistry, Molecular Biology, and Biotechnology.

Besides teaching students of the Faculty of Science and Technology in Biochemistry, the main role of the Department is to train future Health Professionals in several high-income generating programmes (MBBS/DDS, Physical Therapy, PharmD, SMRT, UWISON). The teaching must be excellent, considering the future role of these students in the Jamaican Health System. The training is student-centered with student success at the core of it, bearing in mind the impact on the health of the population. The students are critical stakeholders in these programmes, not only considering their personal or familial financial involvement in these high-

fees programmes, but also because they will represent the quality of the teaching received at the University in front of their future patients.

Two consultancy service units are also part of the Department. An established independent commercial Forensic Toxicology Unit under the name “CARIBBEAN TOXICOLOGY” (CARITOX) continues to build its core forensic and bio-analytical research. CARITOX provides forensic toxicology and consultancy services to the legal profession involved in both civil and criminal cases as well as clinical and non-clinical toxicology analytical services. Caribbean Genetics (CARIGEN) provides a wide range of services and analyses, including forensic services, to clients. It also supports teaching at the graduate and undergraduate levels in forensic science and research within the University.

Quality Assurance Reviews and Accreditations

The Department underwent a Quality Assurance Review in November 2021 when the department was still operating online. A report on this Quality Assurance Review performed in November 2021 as well as related answers, was presented to the Faculty of Medical Sciences Board Meeting in November 2022 and to the Academic Board Meeting on January 10, 2023. Different points were underlined in this report, namely the financial constraints which impacted negatively on teaching and research and were exacerbated by the COVID-19 pandemic, the poor state of the Animal house, the Academic teaching overload, as well as the systemic issues with postgraduate students’ dissatisfaction and attrition.

The report presented in January 2023 highlighted the financial constraints being faced by the Department which at that time were due to a reduction in the budget as a result of the pandemic. The COVID-19 pandemic significantly disrupted the normal functioning of The UWI and the Department of BMS, in particular. Limited financial resources due in part to the reduced number of students, particularly in the MBBS programme in this academic year, has further imposed financial constraints on staff and students. The number of MBBS students is about 170 in AY2022–2023. It contrasts with a number of students higher than 250 registered in the MBBS programme before the pandemic.

It should be noted that several Universities overseas were also impacted by the COVID-19 pandemic with a reduction of students in the same order (minus 21–25% over three years) as the one observed at The UWI.

Partly due to the pandemic, the overall budget of the Department was drastically reduced during Academic Years 2020–2021 and 2021–2022. The sum allocated to the reagents used for teaching and research, as well as for cleaning supplies decreased substantially. We had to adapt our activities to this reduction of the budget allocation. Somehow, this was partly possible because of a reduced traffic

in the building, and because there was no teaching in most of the large laboratories, and consequently less need for cleaning after the tutorials. On the other side, we insisted on the cleaning protocols adopted during the pandemic (i.e., repeated cleaning of the most touched surfaces during the day), protocols which actually originated from BMS.

One of the negative consequences related to the COVID-19 pandemic was to freeze the establishment of some programmes: BSc Nutritional Sciences, MSC in Molecular Therapy (in collaboration with a company called Giostar) and Degree in Funeral Services.

Because of the return to face-to-face teaching (Semester I Academic Year 2022–2023), with the students present during the labs, we are in a situation requiring more reagents. Consequently, we requested for Academic Year 2022–2023 the same sum as in AY2018–2019, right before the pandemic. The budget was slightly increased in Academic Year 2022–2023, particularly concerning the cleaning supplies. However, considering the inflation, the constant devaluation of the Jamaican dollar, and the increase in the shipping costs, a reduction by around one third of the quantities of supplies that could have been purchased with the same sum in Academic Year 2018–2019 was anticipated. This fluid situation needed an adjustment of the budget and the amount was actually slightly adjusted during Semester II Academic Year 2022–2023.

The recommendations of the Quality Assurance Review (QAR) team were to start a curriculum mapping in order to streamline content across programmes, to put in place a more efficient procurement system with dedicated accounts for expenditure and graduate research, to increase student-based learning, to build a new Animal House compatible with international criteria, while overall stressing the urgent need to acquire funding to meet the Academic mission.

Concerning the Animal House, a discussion with the former FMS Dean, currently Deputy Principal, Dr. Tomlin Paul, suggested to build a three tiered structure, with the Animal House on the ground floor, a shared area for multidisciplinary research, including biobanking (including proteomics, genomics) on the 2nd floor, and teaching spaces for growing programmes initially not planned to be in FMSTRC (i.e., PharmD, SMRT) on the 3rd floor. However, these plans might be incompatible with the current financial situation of the University.

On a positive note, the Department continued to contribute to the digital transformation in both teaching and research, to participate in cross-campus teaching, to foster multidisciplinary research in different fields in a more collaborative way between the sections, as well as with different Schools and Faculties on Mona Campus and internationally, and finally to be engaged in outreach.

A follow-up report of the Quality Assurance Review of the Section of Physical Therapy was presented to the Academic Board Meeting on November 18, 2022. The review was a stand-alone one and the recommendation by the QAR team was to acquire a greater autonomy for the Section of Physical Therapy.

The Department was actively involved in the Caribbean Accreditation Authority for Education in Medicine and other Health Professions (CAAM-HP) review which took place in November 2022 under the leadership of Dean Thame. Several academic staff of BMS are participating in the teaching delivery in the MBBS programme, including the Stage I Coordinator of this programme (Dr. Sherline Brown). The recent accreditation of the programme for five years by CAAM-HP in July 2023 enhances the reputation of the MBBS degree and of the University as a whole. It is also essential to attract more students to this high-income generating programme. This is particularly important considering the increased competition in this field of education/training in the region. The Department is also involved in the CAAM-HP Review of the DDS programme.

It must be noted that an accreditation was awarded to CARIGEN for a two-year period, (2023-2025) by the College of American Pathologists. This accreditation attests of the quality of the work and analyses done in the CARIGEN Laboratory, one of the few Laboratories which received this distinction in the Caribbean area.

Teaching

As previously noted, after the long online parenthesis due to the COVID-19 pandemic, the teaching is now back to face-to-face.

Besides classical methods of teaching delivery, the Department is using novel methods. The involvement of the Department in the digital transformation of the University in different areas is illustrated by different examples. A formative assessment of MBBS/DDS students is accomplished in Physiology and Anatomy using virtual clickers where students can use their own devices, in collaboration with MITS. The goal is to increase the interaction with the students and to enhance their participation. Apps (i.e., Socrative) are also used with the same purpose. The use of Bodyviz, a software allowing the 3-dimensional reconstruction of images (i.e., MRI), has been implemented in the teaching of Anatomy for Physical Therapy and BBMedSc students, not only for the delivery of the teaching, but also for assessing the students using the bank of questions included with the software. Several Academic staff members, particularly of the Section of Anatomy, underwent a training in Virtual Reality using the EON-XR platform in collaboration with the Open Campus, and obtained a certification demonstrating a proficient academic usage of the EON-XR platform. Cross-campus teaching in Anatomy/Histology/Embryology has been existing between Mona and Cave Hill for several years. Sim-

ilar cross-campus delivery between Mona, Cave Hill, St Augustine and Bahamas campuses are the base for teaching delivery of the NeuroAnatomy part of the DM Psychiatry. These initiatives contribute to the harmonization of the programmes between the different campuses. Digital transformation exists also in research. For example, it is possible to examine and acquire in Mona the images of scanned histological slides from a server of the Gene Therapy Program in the University of Pennsylvania, Philadelphia, using a particular software and to perform morphometric studies using these data.

Under the leadership of Dr Sherline Brown, Stage 1 Co-ordinator of the MBBS programme, the curriculum committee approved the revised format of the curriculum for Stage 1, following the suggestions of the Stage 1 Curriculum Working Group Committee. The committee comprises of several Academic Staff of BMS. Among the suggested recommendations were an increase of the contents related to radiology, ethics and gender issues in the Stage I curriculum.

The Department continues to participate in the teaching of DM Surgery Residents in the fields of Physiology and Anatomy, as well as to contribute to the related examination process for these students.

The Department remains involved in an experiment of self-learning where 2nd and 3rd year-MBBS students are mentoring 1st-year students, by performing demonstrations and mock-examinations on Thursday afternoons, in the context of a student association called UWISS (UWI Surgical Society). This initiative motivates the older students and make them familiar with preparing topics and presenting in front of small groups. In order to prepare their presentations, students come to the laboratory outside of regular hours. It is beneficial to the 1st year students as they can receive advice from their peers.

Research

As noted by the members of the QAR team in their report, “the Department is to be commended for its strong research culture as, despite challenges of the COVID-19 pandemic, there was a substantial increase in the number of peer-reviewed publications. Graduate students also actively contribute to research in the Department”. However, financial constraints directly impact the productivity of the Academic staff members.

During the last year, there was an effort to increase the collaboration between different sections in the Department. For example, a project focused on novel treatment of seizures by natural products are involving the Sections of Physiology, Anatomy, Pharmacology and Biochemistry. A similar approach has been used for studies on the experimental treatment of diabetes. A collaboration was developed between the Section of Anatomy, SMRT and the Department of Physics in the

Faculty of Science and Technology to study the effects of strontium on the urinary excretion of calcium in rats. The Department continues to develop international collaborations. Most of them are featured in the report itself.

The Department continues to be at the forefront of the cannabis research. Several Academic Members of the Department are a part of the Cannabis Licensing Authority. Some Academic members of the Department (Carole Lindsay and JP Louboutin) are a part of the Jamaica Psilocybin Industry Technical Committee, the Bureau of Standards, Jamaica, under the leadership of Senator Dr. Sapphire Longmore.

Staff Matters

The Department was again faced with constraints in resources that largely dominated decision-making. The issue of securing academic staff in vacant posts remain a concern, and in several cases, particularly in Anatomy, post-retirement contracts have had to be extended. However, vacant posts have been advertised, and short-listing have taken place. There remains a concern about the time it takes for the Human Resource Management Division to finalize advertisements for posts as well as the turnaround time for contract preparations.

The Department also faced a series of retirement from the Technical staff due to their salary scale. The Department was also impacted by the reduction in Postgraduate students which resulted in very few demonstrators to assist in the labs.

Equipment

Several steps have been accomplished in the establishment of a Sterile Laboratory for the Pharmacy programme. This laboratory would allow for the forging some relations with hospitals of the area, for example through the production of anti-cancer drugs. A business plan is currently being discussed.

Outreach

The Department participates regularly in different outreach initiatives. For example, the Department contributed to several job fairs (i.e., Jamaica College) in order to present the activities taking place in the Department and to attract prospective students.

The Department was visited by several schools. Every year, some students from the University of Utrecht (Netherlands) visit the Department, more particularly the section of Anatomy and the Faculty of Medical Sciences Museum.

The Section of Physical Therapy has significantly contributed to the outreach initiative for several years by making contact with patients during field trips, most of the time associated with the ones organized by the DDS programme.

All these initiatives illustrate the contribution of the Department of Basic Medical Sciences and the Faculty to public service, through outreach events. However, the Department might need to enhance its collaboration with the Society for Scientific Advancement (SoSA) and its STEM programme.

Celebrations

The Physical Therapy Section commemorated the UWI 75th Anniversary with a Virtual Seminar under the theme “Physical Therapy: Rooted, Ready and Rising to meet the needs of the Ageing Population”. This was held on June 28, 2023.

The Physical Therapy Section celebrated 50 years of Physical Therapy education in the Caribbean in September–October 2022. Four events were held to mark this milestone.

STAFF AWARDS AND PROMOTIONS

- **Dr. Simone Sandiford** was seconded to The Rowett Institute, University of Aberdeen – November – December 2022.
- **Prof. Ragoobirsingh** was appointed in 2023 to the “WHO Guideline Development Group Food Fortification with Micronutrients”, in the education of the general community concerning diabetes.
- **Drs. Kedambady Shetty, Simone Badal, Karen Thaxter and Garsha McCalla** were granted indefinite tenure effective August 2022.
- **Dr. Cheryl Stewart** crossed the Merit bar effective August 2022.
- **Mr. Compton Beecher** was promoted to Senior Level II effective August 2022.
- The Ministry of Culture, Gender, Entertainment, and Sport named **Dr. Simone Badal** as one of three women in STEM to be celebrated for International Women Day at the Pegasus Hotel Jamaica, 2023. Each gave a 15 minutes’ Ted style talk on their respective career.
- **Dr. Simone Badal**. Flair Distinguished Award for Science and Technology, 2022. Thirty-five women in Jamaica were selected for their impactful work in the fields of, Agriculture, Arts and Culture, Business, Education, Entertainment, Fashion, Food, Health, Media and Communications, Nation Building, Science and Technology, Sports, and Volunteerism. The Award was presented at the fourth Flair Distinguished Award at the Pegasus Hotel, Jamaica, April 4th 2022.
- **Dr. Simone Badal**. Scientific Research Council’s ‘S&T XXtrordineer JA.’ Publication, 2022. I was selected as one of Jamaica’s female pioneering scientist to participate in the S&T Xxtrondineers JA (Women in Science) Series, a recognition programme that highlights extraordinary female pioneers in science and technology. The documentary series and publication highlights the scientific

works of phenomenal Jamaican women who have impacted the national development of our country. July 2022.

- **Dr. Stacy Stephenson-Clarke** was an Honorary Research Fellow on the European Union Research and Innovation Staff Exchange (RISE) MILEAGE (Micro-nutrients in Life Expectancy and Ageing) project (August 2022–January 2023) at the University of Aberdeen, United Kingdom.

Resignation

- Mr. Karl Miller
- Mr. Antoni Comrie
- Ms. Anishka Lewis
- Ms. Jennilee Sydial-Henry

Retirement

- Prof. Jean-Pierre Louboutin
- Dr. Jacqueline Campbell

Long service Award

Staff members of the Department of Basic Medical Sciences were recognized for their dedication and contribution to the University of the West Indies at a formal event at the AC Marriott on Thursday, December 1, 2022.

ACCESS

STUDENTS

Undergraduate Students Registration 2022/2023

BB Med Sci.

Year 1 = 35

Year 2 = 24

Year 3 = 24

(Physiology Major)

Year 2 = 4

Year 3 = 3

(Anatomy Major)

Year 2 = 8

Year 3 = 10

(Pharmacology Major)

Year 2 = 12

Year 3 = 11

BAMS1002 = 40

BAMS1005 = 36

BSc -Physical Therapy (2022–2023)**Enrolment**

Year 1 = 43

Year 2 = 41

Year 3 = 26

Total = 110**MSc- Physical Therapy**

8 students were enrolled for the academic year 2022–2023.

Graduated

Thirty-one (31) students graduated in October 2022 with the BSc Physical Therapy.
One (1) was awarded First Class Honours.

One (1) student was awarded the MSc PT degree in October 2022.

PharmD (Registrations in BMS courses)

Year 1 = 20

Year 2 = 23

Year 3 = 32

Year 4 = 21

Year 5 = 27

There were 13 additional students on Leave of Absence.

FST (Registrations in BMS courses)**Year 1****Semester 1**

BIOC 1020 = 199

BIOC 1021 = 147

MICR 1010 = 120

MICR 1011 = 123

Semester 2

BIOC 1020 = 172

BIOC 1021 = 131

MICR 1010 = 182

MICR 1011 = 156

Year 2**Semester 1**

BIOC 2014 = 136

Semester 2

BIOL 2312 = 152

MICR 2211 = 139; MEX = 12

Year 3**Semester 1**

BIOL 3312 = 92

BIOC 3013 = 96

MICR 3213 = 68

MICR 3214 = 29

BIOT 3113 = 42

MICR 3215 = 54

MICR 3216 = 23

Semester 2

BIOC 3011 = 95

BIOC 3014 = 57

BIOC 3413 = 8

BIOL 3313 = 43

BIOT 3114 = 52

BIOT 3116 = 16

POST GRADUATE STUDENTS REGISTRATION**Taught Masters****MSc Forensic Science = 19**

MSc Physical Therapy = 5

MSc Biomedical Research = Year 1 = 15

MSc

MSc FSCI (Biology) - 7

MSc FSCI (Chemistry) - 3

MSc FSCI (Pathology) - 1

MSc (Toxicology) - 5

PG Diploma Forensic Science = 3

Research

MPhil = 13

PhD = 14

POSTGRADUATE DEGREES AWARDED**PhD**

Isaac Morrison – Biochemistry

Kenroy Wallace – Biochemistry

Sasha-Kay Clarke – Molecular Biology

Kemmy Lattibeaudiere – Biochemistry

Tamieka Bartley – Biochemistry (High Commendation)

Carole Lindsay – Biochemistry (High Commendation)

Tameika James-Green – Physiology

MPhil

Trisha Blair – Pharmacology

Shannique Clarke – Biochemistry

MSc

Biomedical research

Year 1 = 8

Year 2 = 7

PUBLICATIONS**Refereed Journal Articles**

- Shanea Gibson, Nadine Johnson, Simone Simpson Brown, Shwantay Hartley, Keisha Maloney, **Maxine Gossell-Williams** and Tiffany Hunter (2023). Pregnancy outcomes in systemic lupus erythematosus: experience from a Caribbean center, *The Journal of Maternal-Fetal & Neonatal Medicine*, 36:1. doi.org/10.1080/14767058.2023.2204392
- Smith L, **Gossell-Williams M**, Standard-Goldson A, Jackson MD. (2023). Antihypertensive medication class and diastolic orthostatic hypertension in older Caribbean adult patients. *J Clin Hypertens*. 25(7), 618–627. <https://doi.org/10.1111/jch.14689>
- Salas, M., **Gossell-Williams, M.**, Yalamanchili, P., Dhingra, S., Malikova, M. A., Aimer, O., & Junaid, T. (2023). *The Use of Biomarkers in Pharmacovigilance: A Systematic Review of the Literature*. *Biomarker Insights*, 18, 11772719231164528.
- Harrison, A., Tyrill, C., Cousins, S., Rocke, K., & **Gossell-Williams, M.** (2023). Disparity between adolescents' health information needs and the information received in a middle-income country. *Journal of Tropical Pediatrics*, 69(2), fmad018. <https://doi.org/10.1093/tropej/fmad018>
- A. Dasantos, C. Goddard and **D. Ragoobirsingh** (2022). Diabetes Distress in Barbadian Adults with Type 2 Diabetes. *AIMS Public Health*, 9(3): 471–481. DOI: 10.3934/publichealth.2022032.
- A. Dasantos, C. Goddard, D. Maynard and **D. Ragoobirsingh** (2023). Diabetes Distress in a Barbadian Population with Type 2 Diabetes Mellitus: A Pilot Test. *Journal of Public Health Research*, 2023, Vol. 12(3), 1–5. DOI: 10.1177/22799036231187006
- Golding MAJ, Khouri NK, Anderson KB, Wood TD and **Sandiford SL**. The use of natural products in Latin America and the Caribbean for blocking dengue infection in mosquito cells. *Front. Virol.* 2023, 3:1130171. doi:10.3389/fviro.2023.1130171 <https://www.frontiersin.org/articles/10.3389/fviro.2023.1130171/full>

- Ali I, Alarcón-Elbal PM, Mundle M, Noble SAA, Oura CAL, Anzinger JJ, **Sandiford SL**. The Others: A Systematic Review of the Lesser-Known Arboviruses of the Insular Caribbean. *Viruses* 2023, 15, 843. <https://doi.org/10.3390/v15040843>
- Valentine H, Aiken W, Morrison B, Zhao Z, Fowle H, Wasserman JS, Thompson E, Chin W, Young M, Clarke S, Gibbs D, Harrison S, McLaughlin W, Kwok T, Jin F, Campbell KS, Horvath A, Thompson R, Lee NH, Zhou Y, Grana X, Ragin C, **Badal S**. 2022, Expanding the prostate cancer cell line repertoire with ACRJ-PC28, an AR-negative Neuroendocrine Cell Line Derived from an African-Caribbean Patient. *Cancer Research Communications*, 2022, 2-1355-1372.
- Mucci L, Vinson J, Gold T, Gerke T, Filipenko J, Green R, Anderson S, **Badal S**, Bjartell, Chi K, Davis I, Enting D, Fay A, Lazarus J, Mateo J, McDermott R, Odedina F, Olmos D, Omlin A, Popoola A, Ragin C, Roberts R, Russness K, Waihenya C, Stopsack K, Hyslop T, Villanti P, Kantoff P, George D, on behalf of the IRONMAN global team, IRONMAN: A novel international registry of men with advanced prostate cancer. *JCO Global Oncology*, 2022, 8: doi: 10.1200/GO.22.00154.
- Clarke S, Chin S, Dodds Leah, George SHL, **Badal S**. 2022, Racial Disparities in Breast Cancer Preclinical and clinical models. *Breast Cancer Research*, 2022, 24, 56. PubMed PMID: 35932017.
- Brown P.A., **Brown P.D.** (2023). Extracellular Vesicles and Peripheral Arterial Disease. *Cardiovascular Pathology* 63, 2023, 107510. <https://doi.org/10.1016/j.carpath.2022.107510>.
- Lindsay C.M., Bernard K.K., Taylor T.T., Hammond A., Beckford S., Abel W.D., **Brown P.D.**, Young-Martin L. (2023). Potency trends of Cannabis in Jamaica during the period 2014 to 2020. *Drug Test Anal.*
- Cawich Shamir O, **Gardner Michael T, Louboutin, Jean-Pierre, Naraynsingh Vijay** (2022). **NW. Clinical relevance of the caudate linguiform process (Pon-ticulus Hepatis) in the Human liver.** *National Journal of Clinical Anatomy* 11(3): p 126–30, July–September 2022. DOI: 10.4103/NJCA.NJCA_94_22.
- Cawich SO, Fortune M, Deshpande R, **Gardner M**, Pearce N, Johnson P and Naraynsingh V. (2022). A comparison of the Celiacomesenteric trunk in the Caribbean with Global prevalence calculated by a Systemic review. *Radiol Res Pract.* 2022; 2022: 1715631. Published online 2022 Oct 11. Doi: 10.1155/2022/1715631. PMCID: PMC9578919 PMID: 36267126.
- Walker D, Gardner MT, Dennis H and Voutchkov M. (2023). A simple assessment of the effect of strontium on the urinary excretion of calcium in Sprague Dawley rats. *Urolithiasis*, 51(1), 53. <https://doi.org/10.1007/s00240-023-01427-5>.
- Stone, S., Thoms-Rodriguez, C. A., Cameron, J., Seah, C., **Stephenson-Clarke, S.**, & Melano, R. G. (2023). New Delhi Metallo-Beta-Lactamase (NDM)-5 in

Uropathogenic *Klebsiella pneumoniae* in a Tertiary Care Hospital in Jamaica. *Microbiology spectrum*, 11(2), e0345922. Advance online publication. <https://doi.org/10.1128/spectrum.03459-22>

- Thomas, J., Anderson, T., James-Green, T., Nwokocha, M., Palacios, J., Pepple, D., & **Nwokocha, C.** (2022). Artocarpus altilis (breadfruit) could reverse myocardial infarction through the normalization of the Oxygen haemoglobin dissociation curve. *Cardiovascular & Hematological Agents in Medicinal Chemistry (Formerly Current Medicinal Chemistry-Cardiovascular & Hematological Agents)*, 20(3), 212-218.
- Palacios, J., **Nwokocha, C. R.**, Yumrutas, O., Ríos, M., Escobar, J., Parlar, A & Martínez, J. L. (2023). Alterations of the Oestrous Cycle and Increase in the Blood Pressure in Normotensive Female Rats by Continuous Exposure to Light. *Pakistan Veterinary Journal*, 43(2): 356–360. <http://dx.doi.org/10.29261/pakvetj/2023.040>
- McCalla, G., Brown, P. D., & **Nwokocha, C.** (2023). Cadmium induces microcytosis, hypochromicity, and anisocytosis without anaemia in hypertensive rats. *Biometals*. <https://doi.org/10.21203/rs.3.rs-3204119/v1>
- Hedge, T., Rattray, V., Coleman, N. Y., Wilks, R., & **Nwokocha, C.** (2023). PS-P12-6: Cadmium and hypertension in kingston jamaica: any correlation? *Journal of Hypertension*, 41(Suppl 1), e492. DOI: 10.1097/01.hjh.0000917948.36498.44
- Ben, E. E., Beshel, J. A., Owu, D. U., Palacios, J., Nwokocha, M., Bórquez, J., & **Nwokocha, C. R.** (2023). Identification of phytochemicals and assessment of hypoglycemic and haematological potentials of Terminalia catappa Linn leaf extract in alloxan-induced diabetic Wistar rats. *Cardiovascular & Hematological Agents in Medicinal Chemistry*. <https://doi.org/10.2174/1871525721666230526152917>
- James, T.R., Richards A.A., Lowe, D.A., Reid, W.A., Watson, C.T., **Pepple, D.J.** (2022). The in vitro effects of delta-9-tetrahydrocannabinol and cannabidiol on whole blood viscosity, elasticity and membrane integrity. *Journal of Cannabis Research*. 5;4(1):15. doi: 10.1186/s42238-022-00126-z.PMID: 35382895
- Brown, M. G., Lindo, J., Nelson, K., Vickers, I., **Wilson-Clarke, C.**, Morse, G., & Talal, A. (2023). Seroprevalence and Genotype Diversity of Hepatitis C Virus in the Caribbean-A Review. *Trop. Med. Infect. Dis.* 8, 370. DOI: 10.20944/preprints202304.0761.v1.
- Brown, P.A. (2022). Differential and targeted vesiculation: pathologic cellular responses to elevated arterial pressure. *Molecular and Cellular Biochemistry*. 477: 1023–1040.
- Brown, P.A., Anderson, R.A. (2023). A methodology for preprocessing structured big data in the behavioral sciences. *Behavioral Research*. 55, 1818–1838. <https://doi.org/10.3758/s13428-022-01895-4>

Books and Book Chapters

Book:

- **Badal, Simone.** An Introduction to Pharmacognosy: Fundamentals, Applications and Future Strategies, Second Edition, 2023, Pgs 800. ISBN-13: 978-0443186578. Copyright © 2017 Elsevier Inc. (citation = 68).
- **Badal, Simone.** No Cell Left Behind. Memoir. Pgs 200. Copyright © 2023 Bambu Sparks Inc.

Book Chapter:

- **Badal, S,** Miller GJ and Sattley WM, “Plant metabolites treating diseases” in An Introduction to Pharmacognosy: Fundamentals, Applications and Future Strategies, 2nd Edition, Badal S (Ed.) and Clement Y (Ed.), 2023, ISBN 13 978-0443186578.
- Daley DK and **Badal, S,** “Plant crude drugs” Applications and Future Strategies, 2nd Edition, Badal S (Ed.) and Clement Y (Ed.), 2023, ISBN 13 978-0443186578.
- Clarke S, Jackson MA and **Badal, S,** “Animal metabolites: from amphibians, reptiles, aves/birds, and invertebrates” in An Introduction to Pharmacognosy: Fundamentals, Applications and Future Strategies, 2nd Edition, Badal S (Ed.) and Clement Y (Ed.), 2023, ISBN 13 978-0443186578.
- **Badal, S,** “Introduction to plant secondary metabolites” in An Introduction to Pharmacognosy: Fundamentals, Applications and Future Strategies, 2nd Edition, Badal S (Ed.) and Clement Y (Ed.), 2023, ISBN 13 978-0443186578.
- **Badal, S** and Facey P, “Fungal metabolites” in An Introduction to Pharmacognosy: Fundamentals, Applications and Future Strategies, 2nd Edition, Badal S (Ed.) and Clement Y (Ed.), 2023, ISBN 13 978-0443186578.
- **Badal, S,** “Ethics of pharmacognosy research” in An Introduction to Pharmacognosy: Fundamentals, Applications and Future Strategies, 2nd Edition, Badal S (Ed.) and Clement Y (Ed.), 2023, ISBN 13 978-0443186578.
- **Badal, S,** and Clement Y, “Pharmacognosy background” in An Introduction to Pharmacognosy: Fundamentals, Applications and Future Strategies, 2nd Edition, Badal, S (Ed.) and Clement Y (Ed.), 2023, ISBN 13 978-0443186578.
- DA McGrowder, LW Anderson-Jackson, LL Dilworth, S Mohansingh, M Anderson-Cross, SJ Bryan, FG Miller, K Vaz, CF Wilson-Clarke, C Nwokocha, **RL Alexander-Lindo,** S McFarlane (2022). The Clinical Usefulness of Prostate

Cancer Biomarkers: Current and Future Directions. Cancer Bioinformatics. In G. Kais, & Y. Hamdi (Eds.), Cancer Bioinformatics [Working Title]. IntechOpen. <https://doi.org/10.5772/intechopen.103172> The link is: <https://www.intechopen.com/online-first/82080>

Editorial

- Liu Y, Wang J-b, Zeng L, **Gossell-Williams M**, Moriel P and Yan M (2023) Editorial: Advances in drug-induced diseases. Front. Pharmacol. 14:1193099. doi: 10.3389/fphar.2023.1193099.

ALIGNMENT

PAPERS/POSTERS PRESENTED AT SCIENTIFIC MEETINGS

- Smith L, **Gossell-Williams M**, Standard-Goldson A, Jackson M.D. Association Between Antihypertensive Medication Class and Orthostatic Blood Pressure Dysregulation in Older Caribbean Adult Patients. Received in a Middle-Income Country 13th National Health Research Conference November 16–18, 2022. Abstract number NHRC_22_11.
- Harrison A, Tyrill C, Cousins S, Rocke K, **Gossell-Williams M**. **Disparity Between Adolescents' Health Information Needs and the Information. Received in a Middle-Income Country** 13th National Health Research Conference November 16–18, 2022. Abstract number NHRC_22_21.
- **Nelson, Gail**. “The effect of exercise on muscle mass and functional capacity in community-dwelling elderly with Sarcopenia in Jamaica”. *Presented at the World Physiotherapy Congress, Dubai, UAE, June 2–4, 2023*.
- **Gordon, Carron**, Silvera, Heather, Jones, Thaon, Deslandes, Veroina, Garbutt, Andrea, Wilson-Clarke Cameil: Readiness for and Attitude Towards Interprofessional Learning in the Faculty of Medical Sciences, UWI. *Presented at the World Physiotherapy Congress, Dubai, UAE, June 2–4, 2023*
- **Williams, Sonja**: Epidemiology of Aging. *Presented at the Section of Physical Therapy, UWI 75th Anniversary, Virtual Seminar, June 28, 2023*.
- **Nelson, Gail**. “Screening for Sarcopenia in Jamaican elderly”. *Presented at Section of Physical Therapy, UWI 75th Anniversary, Virtual Seminar, June 28, 2023*.
- **Sandiford, Simone**. Got Vectors? Knowledge Gaps in vector-borne diseases in Jamaica – SUNY Upstate Medical University, Syracuse NY, July 18, 2023 SUNY-UWI Health Research Consortium Conference. Pathogen surveillance in mosquitoes. The University of the West Indies, Mona, Kingston, Jamaica. March 9, 2023.

- **Badal S**, SUNY 2023, SUNY-UWI Health Research Consortium Conference, March 9–10th The UHWI. A talk on ACRJ Laboratory and our projects.
- **Badal S**, Lazarex cancer wellness hub 2022, A Black woman's story: Finding the human side to cancer treatment, June 2nd, 2022, via zoom. A talk on Black women with breast cancer.
- Stone S., Dawson F., Stephenson-Clarke S., Cameron J., Seah C., Melano R., **Brown P.D.**, Gossell-Williams M., Thoms-Rodriguez CA. (2022). Co-habitation of ESBs plasmid-mediated AmpCs in uropathogens at a tertiary care hospital in the Caribbean. UWI/UTech FORECAST Conference (Virtual) August 10-12, 2022. (Remote presentation by Mr. Steven Stone, postgraduate student)
- **Brown P.D.** (2022). Policy Discussion: Pandemic Centres. International Congress on Infectious Diseases, Kuala Lumpur, Malaysia; November 19, 2022
- Onuoha C., Stephenson-Clarke S., Thoms-Rodriguez C.A., **Brown P.D.** (2022). Mixed-species biofilms and resistance to heavy metals and disinfectants: Implications for UPEC and UTIs. International Congress on Infectious Diseases, Kuala Lumpur, Malaysia; November 20, 2022.
- Onuoha C., Stephenson-Clarke S., Thoms-Rodriguez C-A., **Brown P.D.** (2022). Mixed-species biofilms and tolerance in high-oxidizing environments: Implications for pathogenesis in respiratory infections. Current and Innovative Trends in Applied Biosciences (CITABS) 2022 Conference, Lahore Garrison University, Pakistan; November 22, 2022. (Remote presentation)
- **RL Alexander-Lindo, V Williams-Tyndale, W McLaughlin, (2022). The Effects of Various Strains of Cannabis sativa on Blood Glucose Concentrations in Normoglycaemic Sprague-Dawley Rats. The Ministry of Health and Wellness 13th Annual National Research Conference, November 16–18, 2022 (Oral Presentation)**
- S Newman, I Amarakoon, RL Alexander-Lindo (2022). A Biological Active Enquiry of *Tradescantia zebrina* (Wandering Jew/Red Watergrass) on Blood Glucose Levels in Normal Sprague-Dawley Rats 66th CARPHA Health Research Conference September 15–17, 2022 (Oral Virtual).
- S Newman, I Amarakoon, **RL Alexander-Lindo (2022).** A Biological Active Enquiry of *Tradescantia zebrina* (Wandering Jew/Red Watergrass) on Blood Glucose Levels in Normal Sprague-Dawley Rats. *West Indian Medical Journal* **70 (Suppl 1): 1–61 (ISSN 2309-5830).**
- Onuoha, C., **Stephenson-Clarke, S.**, Thoms-Rodriguez, C-A, & Brown, P. (2022). Mixed-Species Biofilms and Resistance to Heavy Metals and Disinfectants: Implications for UPEC and UTIs. Oral Session 8: IPC/Healthcare Associated Infections & Critical Care Date: Sunday, Nov 20, 2022 Time: 10.30-12:00 Venue: Meeting Rooms 304 & 305. <https://doi.org/10.1016/j.ijid.2023.04.067>

- Stone, S.Z., **Stephenson-Clarke, S.**, Cameron, J., Thoms-Rodriguez, C-A. (2022). Multidrug Resistant Uropathogens at a Major Referral Centre in the Caribbean- A Cause for Concern. Microbiology Virtual Week 2022. September 8, 2022 [virtual]

SPECIAL PRESENTATIONS AND INVITATION LECTURES

- RL Alexander-Lindo (2023). The Journey of Some Natural and Synthetic Compounds: From Bench to Products. Inaugural Professorial Lecture, Faculty of Medical Sciences, UWI, Mona.

CONFERENCE ATTENDED

- **Gossell-Williams M.** American Society of Pharmacology and Experimental Therapeutics 2023 Conference held in St. Louis Union Station Hotel, May 18–22, 2023.
- **Ragoobirsigh, D.** American Diabetes Association 83rd. Scientific Session, June 23–26, 2023 Convention Centre, San Diego, USA
- **Young-Martin, L.** The Alzheimer's Association International Conference 2023 (AAIC) annual conference, July 16–20, 2023, Amsterdam, Netherlands.
- **Sandiford, Simone.** American Society of Tropical Medicine and Hygiene-Seattle Washington – October 30–November 3 2022.

WEBINARS/WORKSHOPS ATTENDED

- **Young-Martin, L.** AAIC webinar/workshop: *A Cellular View of Brain Metabolism in Alzheimer's Disease*, Monday, December 5, 2022.
- **Young-Martin, L.** AAIC webinar/workshop: *Exploring hippocampal replay as a potential therapeutic target in Alzheimer's disease*, Monday, May 22, 2023.
- **Young-Martin, L.** AAIC webinar/workshop: *New Biofluid Biomarkers in Subjective Cognitive Decline Alzheimer's Disease*. Wednesday, June 7, 2023.
- **Young-Martin, L.** AAIC webinar/workshop: *The Basics of Dementia and Microbiome Research*, Thursday, June 15, 2023.

ABSTRACTS

- Valentine H, Aiken W, Morrison B, Zhao Z, Fowle H, Wasserman JS, Thompson E, Chin W, Young M, Clarke S, Gibbs D, Harrison S, McLaughlin W, Kwok T, Jin F, Campbell KS, Horvath A, Thompson R, Lee NH, Zhou Y, Grana X, Ragin C, **Badal S.** 2022, Abstract PO -138: **The first Caribbean cell line, a prostate cancer cell line: ACRJ-PC28. Cancer epidemiology, biomarkers, and prevention, 2022, 31-1355-1372.** (Journal Impact Factor=4.344).

Onuoha, C., **Stephenson-Clarke, S.**, Thoms-Rodriguez, C.-A, & Brown, P. (2023). Mixed-Species Biofilms and Resistance to Heavy Metals and Disinfectants: Implications for UPEC and UTIs. *International Journal of Infectious Diseases*, Volume 130, Supplement 2, Page S29, ISSN 1201-9712, <https://doi.org/10.1016/j.ijid.2023.04.067>

PUBLIC SERVICE

Prof. Jean-Pierre Louboutin

- Member of Editorial Boards of 27 journals
- Frontier Section Editors – CNS & Neurological Disorders – Drug Targets
- Review of Grant projects for the Executive Unit for Financing Higher Education, Research, Development and Innovation, Romania.

Prof. Paul Brown

- *Member*, Research Ethics Committee (Animal sub-committee), The UWI, Mona Campus
- *Member (at Large)*, Council on Microbial Sciences, American Society for Microbiology (ASM)
- *Member*, Workload Policy Committee, The UWI
- *Member*, Covid-19 Emergency Management Committee, The UWI, Mona Campus
- *Independent Internal Examiner*, MSc Medical Microbiology report of Khamiya Henry (The UWI, St. Augustine)
- *Member*, American Society for Microbiology (ASM)
- *Staff mentor*, American Society for Microbiology (ASM)/UWI Student Chapter.
- *President*, WIGUT (Jamaica).
- *Associate Editor* in Infectious Diseases, Frontiers in Medicine, Microbiology and Public Health
- *Review Editor* in Infectious Diseases, Frontiers in Medicine, Microbiology and Public Health
- *Review Editor* in Antimicrobial Resistance, Frontiers in Antimicrobials, Resistance and Chemotherapy

Prof. Wayne McLaughlin

- Board member, Cannabis Licensing Authority (CLA)
- Board Member, Scientific Research Council (SRC)
- Board Member, International Centre for Nuclear Sciences (ICENS)
- Advisory Committee Member, National Commission on Science & Technology (NCST)

Prof. Dalip Ragoobirsingh

- Ministry of Health, Jamaica (MOH) – Panel member on Technical Advisory Committee, The Chronic Diseases and Injuries Unit updating the National Guidelines for the management of diabetes.
- Pan American Health Organization Special Technical Committee to revise and update the nutrient requirements and recommended dietary allowances (RDAs) for the populations in the English speaking Caribbean.

Prof. Maxine Gossell-Williams

- The University of the West Indies Representative for Ministry of Science Energy and Technology UNESCO's Global Observatory of Science, Technology and Innovation Policy Instruments (GO-SPIN) Mapping Project Working Group.
- Frontiers in Pharmacology – Special Topic Editor

Dr. Lauriann Young-Martin

- Co-Chair of the FMS Medicinal Cannabis/Psilocybin Research Group
- Member of the International Society to Advance Alzheimer's Research and Treatment

Dr. Carron Gordon

- Member and Ministry Leader, Christian Life Fellowship, Papine, Kingston
- Manuscript Reviewer: *Disability and Rehabilitation Journal*

Dr. Gail Nelson

- Member of the Philharmonic Orchestra of Jamaica (2013–to present) – Violist; Board of Management
- Member, UWI Classical and Jazz Ensemble (2015–to present)
- Member Board of Management of the Philharmonic Orchestra of Jamaica (2015–present)

Dr. C. Gordon, Dr. Gail Nelson, Dr. Sonja Williams & Mrs Kathryn Satchell

- Offered physiotherapy services along with 8 PT students, in the Interprofessional Health Fairs offered by the Faculty of Medical Sciences at 3 locations, in March and July 2023; Christian Life Fellowship, Papine, Kingston; FMS Teaching and Research Complex, Kingston and Petersfield, Westmoreland.

MEMBERSHIP IN LEARNED SOCIETIES

- Gail Nelson – Member: Jamaica Association of Sports Medicine
- Gail Nelson, Carron Gordon, Sonja Williams, Gillian Hudson – Members: Jamaica Physiotherapy Association
- Prof. Maxine Gossell-Williams – Executive Committee Member of North American Chapter of International Society of Pharmacovigilance.

AGILITY

INCOME GENERATION/FUNDING

Research Grants:

- **Badal Simone.** NIH, Fogarty International Centre Emerging Global Leader Award, “Novel Prostate Cancer Cell Lines to Address Prostate Cancer Disparity in Black Men.” **520,000 USD.** Principal Investigator. 2020–2025.
- **Badal Simone.** Pfizer, “Cancer Genome Cohort to promote health equity among patients of African ancestry: Characterization of genetic and molecular drivers.” **88,000 USD.** Principal Investigator. 2023–2025.
- **Badal Simone.** PCCTC, “Registry for Black men with advanced prostate cancer,” The International Registry in Men with Advanced Prostate Cancer (IRON-MAN).” **50,000 USD.** Principal Investigator. 2022–2027. Each patient recruited generates 2,100 USD for the project allowing it to be sustainable.
- **Badal Simone.** Chan-Zuckerberg, “The African Caribbean scNetwork,” **26, 220 USD.** Principal Investigator. 2023–2025.

VISITORS TO THE DEPARTMENT

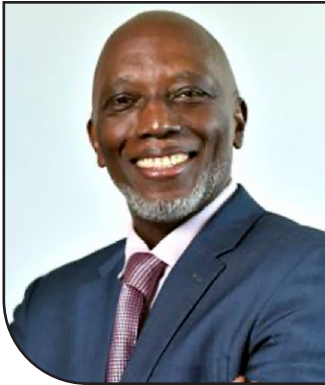
Professor Kathleen Norman from the Queens University, Ontario, Canada visited in November 2022 and February 2023 for partnership building, collaborative teaching, and research collaboration with the Section of Physical Therapy. These visits generated several initiatives: combined virtual classes between Mona and Queen’s University, seminars and virtual workshops (under the Theme: Best practices in Physical Therapy Education), Research collaboration, curriculum development.

Dr. Jeffrey Hartman from the University of Wisconsin, Madison, Wisconsin, USA visited for 3 days in May 2023 to explore opportunities for collaboration.

Dr. David Anekwe from the University of British Columbia, Canada: The External Examiner for the Final Professional Examination held in July 2023. He was a guest of the Section from June 30 to July 14, 2023.

CONDOLENCE

The Department of Basic Medical Sciences regrets to announce the passing of Ms. Chantal Marriott, Senior Laboratory Technologist in the Biochemistry Section. Ms. Marriott passed away on Sunday, July 23, 2023.



DEPARTMENT OF CHILD AND ADOLESCENT HEALTH

Professor Russell Pierre, MBBS, DCH, DM (Paediatrics), MPH, FRCP Edin
– Head of Department

VISION

All Caribbean children achieving optimal physical, socio-emotional, and mental health thereby ensuring a healthy productive adult population.

MISSION

To provide high quality child and family centred health care through service delivery, teaching and research.

WORK OF THE DEPARTMENT

The Department of Child and Adolescent Health comprises a multidisciplinary team of academics and professionals who pursue excellence in research, teaching, training of undergraduate students and postgraduate healthcare professionals, scholastic and professional leadership, clinical services, advisory, consultations, collaboration with stakeholders, public and community service.

The academic staff comprises four professors, two senior lecturers, three lecturers, six associate lecturers (University Hospital of the West Indies (UHWI)) and twenty-four associate lecturers in affiliate clinical training sites. The academic team provides teaching, training and assessment for undergraduate and postgraduate students at geographically separate sites. There are administrative personnel and one office attendant.

The Department provides undergraduate instruction in the MBBS programme through the Junior Clerkship in Paediatrics (part of the Aspects of Family Medicine course) in year 3 and the Senior Clerkship in year 5 of the MBBS programme respectively. Additionally, faculty deliver lectures and other instruction to courses in year 1 to 3 of the MBBS Programme.

The postgraduate programme in Paediatrics (Doctor of Medicine in Paediatrics) Mona (students registered in Jamaica and in the Bahamas) is harmonised in admin-

istration and assessment with the respective programmes in the UWI Cave Hill and St Augustine campuses. Additional postgraduate programmes offered by the department include the Fellowship in Neonatology, and the Post-graduate Diplomas in Loss, Grief and Trauma Management and Adolescent Health and Advocacy.

Faculty members also teach courses in child and adolescent health related areas or provide research and clinical supervision to students enrolled in undergraduate programmes in Nursing and Midwifery and postgraduate programmes in Bio-medical Research, Clinical Psychology, Education, Nutrition, Family Medicine, Epidemiology and Public Health.

During 2022–2023 the department cautiously transitioned to face-to-face teaching and instruction following on previous modifications in delivery of teaching, learning and assessment in congruence with the dynamics of the COVID 19 pandemic and government mandated infection control protocols.

The department provides in-patient clinical services through two paediatric medical wards, the newborn special care unit which includes a neonatal intensive care unit and a neonatal high dependency unit. Out-patient clinical services are delivered through general and sub-specialty clinics in adolescent medicine, cardiology, development and behaviour, endocrinology, gastroenterology, haematology and oncology, infectious diseases, neonatology follow-up, nephrology, neurology, and pulmonology and a Paediatric Casualty.

Department's Key Strategic Objectives

Optimise and streamline processes and procedures – Digital assisted

Successes

- Streamlined administrative processes
- Upgraded secretary post to administrative assistant and filled position
- Created administration hub
- Utilisation of IT applications to improve efficiency of processes/procedures
- Setting up SOPs for departmental procedures/processes
- Replaced computer hardware

Challenges

- Internet, WiFi and network hardware in department outdated – financial challenge to replace

*Human capacity development**Successes*

- Mentored and/or supported faculty to pursue specialisation (endocrinology, neurology, nephrology)
- Succession planning – senior clerkship coordinator
- Lobbied for 4 associate lecturers
- Recruited administrative assistant
- Expanded administrative support roles/responsibilities (project and event management etc)

Challenges

- Slow uptake of opportunities for mentoring and training

Opportunities

- Training and professional opportunities available locally and internationally

The following is a summary of the Department's performance during the period August 1, 2022, to July 31, 2023.

ACCESS

STUDENTS

The Covid-19 pandemic changed the teaching landscape and ushered in modifications to teaching and learning during 2020–2022. However, during 2022–2023 as the epidemic was declared over by the WHO, the department transitioned from modifications in delivery of teaching, learning and assessment in congruence with the dynamics of the COVID 19 pandemic and government mandated infection control protocols to FACE-TO-FACE delivery of clinical teaching, instruction and assessments. A cautious approach was adopted to the modifications thus minimizing risk of acquiring SARS CoV2 infection among all stakeholders in the teaching and health care setting.

Undergraduate

- Teaching & learning for undergraduate Junior Clerkship students included:
- History simulations (using actors/simulated patients)
- Introduction of clinical examination using face-to-face instruction
- Continuation of Discussion Forums utilising lessons learned from the

Collaboration with Smash Medicine initiative (as described in the previous Departmental Report)

Teaching and learning for the undergraduate Senior Clerkship was optimised accordingly:

- Hybrid approach to instruction – all lectures, tutorials, seminars were administered via the learning management system [OurVLE], while returning to face-to-face teaching for clinical instruction on the hospital wards and outpatient departments.
- Enhancing formative assessment – utilisation of MiniCex for clinical encounters (eliciting history, physical examination of patients, management discussions, counselling), mock MCQ mid-clerkship for self-assessment and feedback, mock OSCE at some specified training centres.
- Customised tutorials/review sessions at specific training sites to enhance student engagement and learning.
- Asynchronous access by students to most instructional material via the learning management system (OurVLE).
- Debriefing and opportunity for student feedback regarding the clerkship rotation – consistently conducted at end of each rotation and any issues addressed.
- Academic and professional sessions on study techniques and ethics.
- Participation in community-based activities – students at Cornwall Regional Hospital involved in Back-to-school medicals to strengthen ambulatory care and immunization competence.

Postgraduate

Professor Russell Pierre, the outgoing University Examiner for the DM Paediatrics Programme assisted the UE designate (Dr M Lashley) to coordinate Cross Campus Examiners consultations to enhance the harmonization of the DM Paediatrics Programme across the campus sites in the FMS, and oversee the implementation and administration of the virtual DM Paediatrics clinical/oral examinations (Nov/Dec 2022). The written component of the DM Paediatrics examination was administered electronically as previously done.

Drs Abigail Harrison and Andrea Garbutt, lecturers, provided expertise to execute the virtual DM Clinical/Oral Examinations Nov/Dec 2022 and May/June 2023 across four campuses and with the remote participation of the External Examiner in Scotland. These activities included examiner and candidate training and mock examinations for all participants using the virtual space.

Communication to all stakeholders, particularly students, was paramount.

Students were administered mock examinations to enable their familiarisation with the online examination portal and virtual oral/clinical examination encounters

Online DM Paediatric lectures/seminars were conducted regionally (cross-campus collaboration) as well as invited international series

Undergraduate Programme SWOT Analysis

Strengths/Successes

- Improved administration and organization of the senior clerkship
- Excellent administration of junior clerkship
- Successful mentoring of junior clerkship faculty
- Optimized administrative support

Challenges

- Reduced clerkship times limit's capacity of students to achieve required competencies
- Poor uptake of LMS teaching and instruction by students in Senior Clerkship

DM Paediatrics Programme SWOT Analysis

Strengths/Successes

- Transition to blended approach to teaching and learning
- Full utilization of LMS for instruction, communication and assessment
- Cross campus collaboration and harmonization of the programme
- Cross campus examiner team
- Optimized communication with residents
- 100% pass rate in May June DM exams
- Strong commitment among faculty and associates for support of the program
- Good administrative support from department office and graduate studies
- Inaugural DM Paed Resident Research Forum

Challenges

- Variable uptake of LMS resources by residents
- Limited uptake of alternative teaching and instruction modalities among faculty
- Slow progression of DM Paed research projects among residents

Opportunities

Regional and international collaboration on resident training and electives

Threats

- Limited MOH support for resident applications from public sector

Undergraduate Student Advising

Activities for undergraduate students coordinated by Dr Andrea Garbutt in her capacity as Deputy Dean Student Success:

- Academic Advising Workshop for Academic Advisors at Mona for MBBS Students
- Distribution of Academic Advisors for incoming students in MBBS programme: Class of 2027
- Re-Organization of the Personal & Professional Development Programme for online delivery to all FMS programmes
- Implementation of grade viewer ARGOS (in the clinical years)
- Collaboration with the Personal and Professional Development Office for provision of mental health sessions, professionalism, transitioning to the next stage of their academics/career.

Marketing initiatives to increase number of students to UWI

- Dr Andrea Garbutt (Deputy Dean, Student Success) coordinated and participated in multiple school recruitment drives along with the Marketing and Recruitment Office, The UWI, Mona.
- Dr Abigail Harrison garnered part-scholarships (USD 10,000) for students pursuing the diploma in Adolescent Health and Advocacy.
- Dr Audrey Pottinger identified mental health professional associations within the Caribbean and marketed the Diploma in Loss, Grief and Trauma Management to the wider Caribbean.

PUBLICATIONS

Books & Monographs

- St John, J., **Evans-Gilbert**, T., Greaves, N., Blades, E., Campbell, M.H. (2023). Regional COVID-19 Pandemic Response in the Caribbean: Contributions of the Caribbean Public Health Agency Expert Advisory Group. In: Roberts, S., DeShong, H.A.F., Grenade, W.C., Devonish, D. (eds) *Interdisciplinary Perspectives on Covid-19 and the Caribbean*, Volume 1. Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-031-30889-5_21 .

Refereed Journal Articles

- Lue AM, Richards-Dawson M-A, Gordon-Strachan GM, Kodilinye SM, Dunkley-Thompson JAT, James-Powell TD, Pryce CA, Mears CD, Anzinger JJ, Webster-Kerr K, ***Christie CDC** (2022). Severity and Outcomes of Dengue in Hospitalized Jamaican Children in 2018–2019 during an epidemic surge in the Americas. *“Frontiers in Medicine – Global Excellence in Infectious Diseases - Surveillance, Prevention and Treatment: Central and South America* 9:889998. doi: 10.3389/fmed.2022.889998 (**Impact factor – 5.058**).
- Elisa Ruiz-Burga, Patricia Bruijning-Verhagen, **Paulette Palmer**, Annalisa Sandcroft, Georgina Fernandes, Marieke de Hoog, Lenroy Bryan, **Russell Pierre**, Heather Bailey, Carlo Giaquinto, Claire Thorne, **Celia DC Christie**, For the ZIKAction Consortium. Detection of Potential Arbovirus Infections and Pregnancy Complications in Pregnant Women in Jamaica Using a Smart-phone App (ZIKApp): Pilot Evaluation Study. JMIR Formative Research, 2022. DOI: 10.2196/34423; PMID: 35896029 (**Impact factor - 7.08**).
- **Crista-Lee Shahine Berry, Roxanne Helene Melbourne-Chambers, Abigail Natalie Harrison**, Joshua James Anzinger, Kelly-Ann Maxorinthia Gordon-Johnson, Varough Mohamed Deyde, ***Celia Dana Claire Christie**. Hospitalised Children with SARS-CoV-2 Infection and MIS-C in Jamaica: a Dive into the First 15 Months of the Novel Pandemic (2022). *“Frontiers in Pediatrics – Critical Care Section”*, doi: 10.3389/fped.2022.904788; (**Impact factor - 3.569**).
- MT Osterholm; C Rabadán-Diehl; J Anzinger; ME Bottazzi; **C Christie-Samuels**; N Erundu; J Marrazzo; S Milan; PK Quashie; T Schwaab. EXECUTIVE SUMMARY Insights from Cuba’s COVID-19 Vaccine Enterprise: Report from a High-Level Fact-Finding International Delegation to Cuba. MEDICC Report Executive summary; *MEDICC Review*; 2022 | Journal article; DOI: **10.37757/MR2022.V24.N3-4.13** .
- MT Osterholm; C Rabadán-Diehl; J Anzinger; ME Bottazzi; **C Christie-Samuels**; N Erundu; J Marrazzo; S Milan; PK Quashie; T Schwaab. FULL TECHNICAL REPORT Insights from Cuba’s COVID-19 Vaccine Enterprise: Report from a High-Level Fact-Finding International Delegation to Cuba. *MEDICC Review* | Journal article; DOI: **10.37757/MR2022.V24.N3-4.14** .
- **Christie CDC**, Lue AM, **Melbourne-Chambers RH**. Dengue, Chikungunya and Zika Arbovirus Infections in Caribbean Children. *Curr Opin Pediatr*. 35(2):155–165. doi: 10.1097/MOP.0000000000001229. Epub 2023. PMID: 36801979.
- Bryan LR, Kelly CR, Onyonyor AA, Morgan OPCM-C, Mitchell PA, Campbell LV, Byrne T, **Palmer PM**, Fernandes G, Bailey H, Ruiz-Burga E, Anzinger JJ, **Melbourne-Chambers RH**, **Pierre RB**, Webster-Kerr K, Ades AE, Giaquinto C, **Christie CDC**, Thorne C. Fetal growth and *in utero* exposure to Zika and Dengue viruses in a Jamaican cohort study. Submitted *PLOS One*, March 2023.

- Carroll K, **Pottinger AM**, Bailey A, Watson, T, Fredericks S. Living with the threat of Covid-19: Exploring the psychological impact of Covid-19 in those who conceived through ART versus spontaneously. *Maternal and Child Health Journal*. <https://doi.org/10.1007/s10995-022-03537-9> .
- Passard N, **Pottinger AM**, Boyne A. Mental health awareness and counseling practice of Jamaican clergy: An exploratory study. *Journal of Pastoral Care and Counseling*. DOI: 10.1177/15423050221119176 .
- Thomas R, Smith J, Rocke K, James Bateman C, **Harrison A**. Adolescent connectedness and its impact on substance use in Jamaican adolescents. *Current Psychology* Published 08 December 2022. DOI<https://doi.org/10.1007/s12144-022-04050-6>. **Impact factor 4.297**.
- James Bateman C, Powell M, **Harrison A**. *Body Dissatisfaction, Disordered Eating Behaviours and Skin Bleaching Among Jamaican Adolescent Males*. *Caribbean Journal of Psychology*. 2022, Vol. 14 Issue 1, p.139–156.
- Singh I, Asnani M, **Harrison A**. *Health-Related Quality of Life in Adolescents with Chronic illness in Jamaica: Adolescent and Parent Reports*. *Journal of Adolescent Health* 2023 Jan;72(1):12–20. doi: 10.1016/j.jadohealth.2022.07.013. Epub 2022 Oct 4. **Impact factor 7.83**.
- **Harrison A**, Tyrill C, Cousins S, Rocke K, Gossell-Williams M. *Disparity Between Adolescents' Health Information Needs and the Information Received in a middle-income country*. *Journal of Tropical Pediatrics*. 2023;69(2):fmad018. doi:10.1093/tropej/fmad018. Impact factor 1.794.
- Commentary: Gordon-Strachan G, Shiu RN, Smith J, **Harrison A**, Walker S. *Climate change in small island developing states: caring for youth's mental health*. *Lancet Child Adolesc Health*. 2023;7(6):373–374. doi:10.1016/S2352-4642(23)00081-0
- Commentary: Kanbur N, **Harrison A**, Galagali P, Di Meglio G. *International Perspective on Abortion Access for Improving Reproductive Rights and Freedom of Adolescents and Young Adults*. *J Adolesc Health*. 2023;73(1):12–14. doi:10.1016/j.jadohealth.2023.03.014. Impact factor 7.83.
- **Andrea Garbutt**, Melissa Walker, **Russell Pierre**. The Faculty of Medical Sciences, Mona, Board Sub-Committee on Student Progression: Development and Outcomes. UWI QEF Issue 26 (Dec 2022) pg 183–190.

Non-Refereed articles

Technical Reports

- Manley-Kucey M, Baxter JB, Blanchette V, Alexis C, Bodkyn C, Browne-Farmer C, Craig J, de Young S, Knight-Madden J, Nolasco L, Ocho ON, **Reece-Mills M**,

Sin Quee C, Smith B, **Thame M**, Allen U. Reflections on the SickKids-Caribbean Initiative: Administration, Management, and Funding. Toronto: Hospital for Sick Children; 2023.

- **Reece-Mills M**, Baxter JB, Alexis C, Allen U, Blanchette V, Beeput S, Bodkyn C, Browne-Farmer C, de Young S, Dindial K, Flemming-Carroll B, Knight-Madden J, Ocho ON, Orrigio K, Mclean-Salmon S, Smith B, **Thame M**, Wentzel K, Whitlock J, Sin Quee C. Reflections on the SickKids-Caribbean Initiative: Education and Training. Toronto: Hospital for Sick Children; 2023.
- **Thame M**, Baxter JB, Alexis C, Allen U, Bartels U, Bodkyn C, Bouffet E, Browne-Farmer C, Brzezinski J, Carcao M, Craig J, Denburg A, Dindial K, Mclean-Salmon S, Orrigio K, Read S, **Reece-Mills M**, Sin Quee C, Smith B, Tsang DS, Waye JS, Wharfe G, Blanchette V. Reflections on the SickKids-Caribbean Initiative: Case Consultations and Diagnostic Services. Toronto: Hospital for Sick Children; 2023.
- Bodkyn C, Baxter JB, Allen U, Blanchette V, Fleming-Carroll B, Knight-Madden J, **Reece-Mills M**, Ocho ON, Sin Quee C, Smith B, **Thame M**, Whitlock J, Alexis C. Reflections on the SickKids-Caribbean Initiative: Advocacy and External Engagement. Toronto: Hospital for Sick Children; 2023.
- Browne-Farmer C, Baxter JB, Alexis C, Allen U, Beeput S, Bodkyn C, George C, Gibson T, Leandre-Broome V, Mclean-Salmon S, **Reece-Mills M**, Sin Quee C, Gupta S. Reflections on the SickKids-Caribbean Initiative: Local Oncology Databases Development. Toronto: Hospital for Sick Children; 2023.

ALIGNMENT

PAPERS PRESENTED

- **Christie CDC**. “Long Covid-19 in Children and Adolescents”. Plenary talk. Medical Association Annual Conference, 2022.
- **Christie CDC**. Overview of the ZIKAction 2020 project. Invited Presentation to a multi-disciplinary Caribbean and UK Universities Group (by UWI’s Vice Chancellor), 2022
- **Christie CDC**. “Emerging Infections in Children: The Quintuple Threat – SARS-CoV-2/COVID-19, Respiratory Syncytial Virus (RSV), Influenza, Group A Streptococcus and Measles”. Paediatric Association of Jamaica, 24th Biennial International Conference, “Pediatrics from the Cradle to College”, Plenary Talk, 2023
- Royal K, Young-Pearl S, **Christie CDC**, MA Richards-Dawson, TA Fullford-Ramdial, N. McNeil-Beecher. Clinical epidemiology of COVID-19 in

Jamaican Children. ORAL/PLATFORM Presentation, UWIMAA 14th International Medical Reunion Conference in Mona, Jamaica on July 18, 2023.

- **R Melbourne-Chambers, P Palmer**, Y Brown, T James-Powell, J Tapper, L Mowatt, K Webster-Kerr, IC de Siqueira, **CDC Christie**, C Thorne, on behalf of The ZIKAction Paediatric Registry Study Group. Clinical features and Neurodevelopmental outcomes of Jamaican Children with Suspected Congenital ZIKA Syndrome. POSTER, UWIMAA 14th International Medical Reunion Conference in Mona, Jamaica on July 18, 2023. “Best poster” (tied with two others for “best poster”).
- Bryan L, Kelly C, Onyonyor A, Morgan O, Mitchell P, Campbell L, Byrne T, **Palmer P**, Fernandes G, Bailey H, Ruiz-Burga E, Anzinger J, **Melbourne-Chambers R, Pierre R**, Webster-Kerr K, Ades A, Giaquinto C, **Christie C**, Thorne C. Fetal growth and in utero exposure to Zika and Dengue viruses in a Jamaican cohort study, has been selected for poster presentation at the UWIMAA 14th International Medical Reunion Conference in Mona, Jamaica on July 18, 2023. “Best poster” (tied with two others for “best poster”).
- **Christie CDC**, Chairperson of Panel Discussion. Panel Discussants - Profs Upton Allen, Prof J. Peter Figueroa and Dr Joshua Anzinger. Update on COVID-19. UWIMAA 14th International Medical Reunion Conference in Mona, Jamaica on July 18, 2023.
- **AM Pottinger**. Moving from work-related stress to emotional wellbeing. Chapelton Family Court, Clarendon, Jamaica. October 24 2022.
- Lashley P, Fernandes M, **Harrison A**, Singh V, SinQuee C. *Unity across the region – Adaptations of Paediatric Postgraduate Cross Campus Collaborative teaching during the COVID- 19 Pandemic*. Association of medical educators in Europe (AMEE) Conference – Lyon, France. August 28-31, 2022 (Hybrid conference).
- McFarlane S, Gordon-Strachan G, **Harrison A**, Chambers J. *Physical Activity of Teenage Students during the COVID 19 pandemic: Results of A Baseline Assessment Of Select Risk Factors Of Pregnancy Among High School Students In Eastern Jamaica*. MOHW National Health Research Conference 2022 Hybrid Conference. October 2022 AC Marriott Hotel, Kingston.
- **Harrison A**, Tyrill C, Cousins S, Rocke K, Gossell-Williams M. *Disparity Between Adolescents’ Health Information Needs and the Information Received in a middle-income country*. MOHW National Health Research Conference 2022 Hybrid Conference. October 2022 AC Marriott Hotel, Kingston.
- **Garbutt A, Harrison A**, Rocke K, Gayle S, **Pierre RB**. *Students’ Online Learning Experience in Jamaican Schools – the Covid-19 Pandemic and Beyond*. MOHW National Health Research Conference 2022 Hybrid Conference. October 2022 AC Marriott Hotel, Kingston.

- Powell S, James Bateman C, **Harrison A.** *Health Risk Behaviors in Jamaican Adolescents with Chronic Illness.* 2nd Caribbean Congress on Adolescent and Youth Health (CCAYH). October 2022. AC Marriott Hotel, Kingston.
- **Harrison A.** *The Voices of Jamaican Youth - SOWC 2021 (Jamaica).* Panelist for plenary: *Addressing the mental health of adolescents and youth in the aftermath of the COVID-19 pandemic.* 2nd Caribbean Congress on Adolescent and Youth Health, AC Marriott Hotel, Kingston. October 20, 2022. (invited)
- **Harrison.** *Preparing the Teen for the World Beyond.* Paediatric Association of Jamaica Biennial Conference . March 2023. FMS-TRC, UWI, Mona (hybrid conference)
- **Harrison,** K. Ferguson-Henry, C. James Bateman, G. Lowe. *Eating Disorders Among Adolescents and Young adults in Kingston, Jamaica.* CARPHA 2023. Atlantis Paradise Island Resort, Bahamas, April 2023.
- S. Edwards, **A. Garbutt, R. Melbourne-Chambers, A. Harrison.** *The Prevalence of and Perceived Contributing Factors to Burnout, Depression and Anxiety in Paediatric Residents at The University Of The West Indies in a Post Covid Era.* 14TH UWIMAA International Reunion Conference July 2023. FMS-TRC, UWI, Mona.
- **Evans-Gilbert, T;** Blagrove SA; Muppuri M; Reid T; Chulani K. Trends in respiratory diseases in the emergency room visits in children and the impact of the COVID-19 pandemic. A hospital-based retrospective study in Jamaica 2019–2022 Oral Abstract O-12. *West Indian Medical Journal* Vol 70 (Suppl. 2): Caribbean Public Health Agency (2023) Page 27 . <https://www.mona.uwi.edu/fms/wimj/vol-70-suppl-2-caribbean-public-health-agency-2023>.
- **T Evans-Gilbert,** A Barnett, D McGowan, G Reid, SA Williams, D Johnson-Wallace, T Hylton-Kong, S Campbell-Forrester, D Campbell-Stennett. Establishment of an adolescent HIV clinic, retention in care and outcomes of HIV-infected adolescents and youth Poster Discussion P-29 CARPHA 67th Annual Health Research Conference Bahamas April 27–29, 2023. *West Indian Medical Journal* Vol 70 (Suppl. 2): Caribbean Public Health Agency (2023) Page 27 . <https://www.mona.uwi.edu/fms/wimj/vol-70-suppl-2-caribbean-public-health-agency-2023>.
- A Barnett ; Z Shim , G Reid ,D Johnson Wallace, SA Williams ,Clive Anderson, M Scott ,**T Evans-Gilbert.** Community HIV Adherence and Adolescent Mental Health Program (CHAMP++). Preliminary findings of a pilot program for adolescents living with HIV in Western Jamaica . Oral Presentation O-47 CARPHA 67th Annual Health Research Conference Bahamas April 27–29, 2023 *West Indian Medical Journal* Vol 70 (Suppl. 2): Caribbean Public Health Agency (2023) Page 27. <https://www.mona.uwi.edu/fms/wimj/vol-70-suppl-2-caribbean-public-health-agency-2023>

- T. Pulikanti, S. Blagrove, J. Roberts, DG Chin, M. Hines, K. Scott, **T. Evans-Gilbert** Epidemiology of Respiratory Infections Among Healthcare Workers During COVID-19: A Tertiary Care Institution Study. UWIMAA 14th International Medical Reunion Conference July 18–19, 2023, UWI Campus, Mona, Jamaica.
- MH Campbell, J Gromer-Thomas, K Khan, B Sa, PM Lashley, D Cohall, CE Chin, **RB Pierre**, OP Adams, MAA Majumder. Measuring stress during the Caribbean COVID-19 pandemic; Psychometric performance and configural invariance of the PSS-10 in a multi-country survey of medical and health professions students. Presented (platform presentation) at the 67th CARPHA Health Research Conference, Nassau, Bahamas, April 27–29, 2023. pp28. [Abstract # O-15]
- Garbutt A. Challenging Behaviours in Children. Oral presentation at Paediatric Association of Jamaica, 24th International Biennial Conference, March 26, 2023
- Garbutt A. Medication: Curse or Cure. Grand Rounds, Department of Child & Adolescent Health, November 2022.

Multimedia publications

- Quality Learning-using available resources and collaboration **Garbutt, A.** (2022). *Quality Learning-using available resources and collaboration*. YouTube. <https://www.youtube.com/watch?v=ysukWYYZYMM>

PUBLIC SERVICE

Childhood Cancer

- *Public education on childhood cancer through the media*
- Several media activities through Ministry of Health, Power 102 FM, CVM at Sunrise, RJR 94 FM, Gospel JA FM
- *Workshops and training sessions on childhood cancer organized 2022* Paediatric Oncology Mini symposium (under the auspices of the Jamaica Cancer Society) September 22, 2022
- Audrey Pottinger. Health and wellness program aired by West Jamaica Conference of Seventh-day Adventists - presenter on Children's health, Pandemic issues and CNCD, etc.

Social Accountability

Dr Andrea Garbutt

Participation in Social Accountability through the FMS Social Accountability group

- Organised Health Fairs

- Outreach activities were multidisciplinary in nature and as well involved the Paediatric Association of Jamaica. Medical students played a vital role in participating whilst at the same time consolidating their skills in history taking, anthropometry and obtain vitals. Clinical examination was done under supervision.

Autism

Dr Andrea Garbutt

Several Autism Awareness activities organised and conducted by Dr Garbutt during April 2023

Membership on committees/boards outside of the University (National, Regional, International)

Celia DC Christie

- Fellow, Royal College of Physicians and Surgeons, Edinburgh, England
- 2019 – Member, Expert Panel, CARPHA on COVID-19 in the Caribbean.
- 2019 – Member, Expert Panel, Commonwealth Medical Association, COVID-19 Pandemic
- 2022 – Member, Expert Panel, CARPHA's COVID-19 Caribbean Therapeutics Committee.

Tracey Evans-Gilbert

- National Vaccine Task Force Sub Committee – COVID Vaccine TWG , Ministry of Health and Wellness
- National ESAVI Committee Jamaica
- COVID 19 Clinical Working Group Ministry of Health and Wellness

International

- Pan American Advisory Committee on Vaccine Safety
- PAHO – Measles/Rubella Reverification Commission Americas
Board of the Regional Network Immunization Technical Advisory Groups (NITAGs)

Regional

- COVID 19 Expert Advisory Group Caribbean Public Health Agency
PAHO Measles/Rubella reverification commission Caribbean Sub-Region

Audrey Pottinger

- Jamaica Psychological Society

- American Psychological Association (APA)
- Council for Professions Supplementary to Medicine
- Member, Health and Wellness Task Force, United Church of Jamaica and the Cayman Island

Abigail Harrison

- Chair, Board of Directors, National Family Planning Board. 2022–present
- Member, Character Education Task Force, Ministry of Education, Youth and Information, June 2021–present
- President, International Chapter, Society For Adolescent Health and Medicine (SAHM), March 2023 to present
- President, Caribbean Association for Adolescent Health, March 2023 to present
- Member, International Association for Adolescent Health
- Member, Paediatric Association of Jamaica
- Member, Medical Association of Jamaica
- Member, Adolescent Policy Working group – Ministry of Health, Jamaica

Michelle Reece-Mills

- Member, Childhood Cancer Task Force, Ministry of Health, Jamaica (February 2020 to present)
- UHWI representative (Jamaica) for the SickKids Pan-Caribbean Initiative in Paediatric Haematology/Oncology Initiative (2013–present)
- Member, Children’s International Consortium on Acute Leukemia (2018–present)- <https://www.ashclinicalnews.org/spotlight/blood-beyond-borders/international-collaborations-help-improve-pediatric-leukemia-outcomes-caribbean/>

Helen Trotman-Edwards

- Caribbean Public Health Agency (CARPHA)
- Member of the CARPHA Research Ethics Committee

Andrea Garbutt

- Paediatric Association of Jamaica-Immediate past president
- Serious Case Review Panel (CPFSA)

Prof Russell Pierre

- Chairman of the Caribbean Association of Medical Councils Examination Committee, and Chief Examiner; 2006 to date

AGILITY

INCOME GENERATION

The department increased revenue during the period mainly through international grants and collaborations.

Christie Celia DC (Co-investigator); Mosha Samantha (Co-Investigator). “Longterm Impact of COVID_19 in Children and adolescents, 4 to 6 months after hospitalization”. Global Infectious Diseases Research Training Program – GIDRTP, November 2021 (renewal in progress).

Christie CDC: Co-investigator, (P.I. (international) Gene Morse; P.I. (UWI) Prof John Lindo)

Source: National Institutes of Health, USA

Title: “Fogarty International Training and Research in Virology at UWI”, collaborating with University of Buffalo, New York, USA

Grant period: 5 years, began 2018.

Grant amount: Funded for \$1.1 Million USD’s to UWI

Reece-Mills, Michelle: Principal Investigator

2019 – Award – 10,000 Euros (\$1,776,000.00 JMD) per year x 5 years

Source: International Atomic Energy Agency (IAEA)

Title: Assessment of association between body composition and the clinical and quality of life outcomes in Jamaican children with haematological malignancies

Objective: To identify and validate a body composition measure that can be used at the bedside by clinicians for early identification of children with poor nutrition during cancer treatment in low and middle income countries

Status: Research in progress

Self-financing programmes

Non UGC Self Financing Programmes

- Non UGC (self-financing programme – \$4,000,000.00): Post-graduate diploma in Adolescent Health and Advocacy, Department of Child and Adolescent Health, Faculty of Medical Sciences, UWI, Mona. **Coordinator: Dr A. Harrison**
- Non UGC (self-financing programme – \$4,000,000.00): Post-graduate diploma in Loss Grief and Trauma Management, Department of Child and Adolescent Health, Faculty of Medical Sciences, UWI, Mona. **Coordinator: Professor A. Pottinger.**



DEPARTMENT OF COMMUNITY HEALTH & PSYCHIATRY

Dr. Kenneth James, MBBS MPH – Head of Department

CONTINUED RESPONSE TO THE CRISIS

The academic year 2022/2023 reflected a period of return to the mandated face to face classes and adaptation to new norms post-acute COVID-19 pandemic. Bearing in mind the overarching UWI Triple A Strategy it was a challenging one, aggravated by entrenched human resource and financial resource constraints.

ENHANCING TEACHING AND LEARNING

We returned largely to conventional delivery of teaching programmes but with renewed vigour and vision. We employed a variety of teaching methods and approaches in the pursuit of germane high quality educational experiences. Critical to that mission was the full reinstitution of site visits and immersive field experiences and community interactions including rural-based clerkships. This enabled greater clinical and practical interactions at individual, organizational and system-wide. levels, enriching content and fostering learning.

ENHANCING RESEARCH AND PUBLICATION

Despite ongoing challenges, these totalled 50: twenty-six (26) peer reviewed journal articles, six (6) technical reports and eighteen (18) conference/fora presentations for the 2022/2023 academic year.

CONTRIBUTION TO THE FINANCIAL HEALTH

The department continued its efforts in implementing cost containment plans to support the university thrust towards maintaining the financial health of the institution. We also engaged external donors who subsequently now provide financial contributions that substantially underwrite the 4th year Community Health clerkship

PUBLIC SERVICE AND COVID RESPONSE

In the public sphere, many staff members continue to serve on community and national boards, and continue to be part of advisory teams on various public health and mental health issues.

ACCESS

STUDENTS

- Continued facilitation of students with faculty from activities included orientation, academic advising and mentorship, promotion of coping strategies to enhance student's wellbeing with referrals to counselling as needed.
- Cross-Campus collaboration, harmonization and update of the Family Medicine Postgraduate Curriculum continues.
- Forging of partnerships with Yale Global Health, UK Health Services Agency and CARPHA to support the DrPH programme including establishing visiting professors, external examiners, supervisors and field placements were realized.
- MBBS: Year 1: Incorporated gender-based violence topics in Healthcare Concepts course lectures
- Identified of opportunities for field placements of DrPH students and mentorship at CARPHA.
- Continued dialogue with Ministry of Health to facilitate the Primary Care Renewal initiative and role of the DrPH and the DM Family in addressing training needs.
- Exposed students to the One Health concept in the year 3 curriculum; underscoring the interconnectedness of medicine and the environment.
- Provided part sponsorship of Family Medicine students' attendance at conference to impart up-to-date knowledge.

PUBLICATIONS

Refereed Journal Articles

- Harris A, Thompson C, James K, Holder-Nevins D. (2023).Unravelling Delay in Care for Sexually Transmitted Infections-Related Symptoms in a Developing Country Setting (Jamaica). Community Health Equity Research & Policy, 0(0). doi:10.1177/2752535X231187987

- Ragbar, R., **Thompson, C., James, K.**, Wong, H., Mohan, S., Buchanan- Peart, K., Jones, T., & Boddepalli, R.(2023). Profile and Outcomes of Patients Presenting to the Accident and Emergency Department of the Kingston Public Hospital with Supraventricular Tachycardia over a 28-month Period. *Caribbean Medical Journal*. Available at <https://www.caribbeanmedicaljournal.org/2022/08/11/profile-and-outcomes-of-patients-presenting-with-supraventricular-tachycardia-to-the-accident-and-emergency-department-of-a-large-tertiary-hospital-in-jamaica/>
- 2022 **Thompson C., James, K., Chin Bailey, C.**, Holder-Nevins, D., Thompson, E., & Thame, M. Psychometric Properties of the Hospital Survey of Patient Safety Culture in Type A Hospitals in Kingston and St. Andrew, Jamaica. *Journal of Health Management*. doi:10.1177/09720634221114548. Available at <https://journals.sagepub.com/doi/10.1177/09720634221114548>
- Ehikhametalor K, Deans-Minott J, **Duncan JP**. Multisystem Inflammatory Syndrome in Adults (MIS-A) After COVID-19 Infection and Recent Vaccination with Recombinant Adenoviral Vector Encoding the Spike Protein Antigen of SARS-CoV-2 (ChAdOx1 nCoV-19, Vaxzevria). *J Intensive Care Med*. 2022 Aug 17:8850666221121589
- K Webster-Kerr, A Grant, A Harris, E Campbell, M Brown, D Rowe, D Henningham, C Lord, R Thorpe, T Mullings, J Wiggan, N Martin-Chen, T Dawkins-Beharie, J AzilleLewis, T Roberts, **J Duncan**. Survival of COVID-19 cases after vaccination: Analysis using data from Jamaica's National Surveillance System. 2023 CARPHA Health Research conference, Bahamas – WIMJ Supplement.
- K Webster-Kerr, A Grant, A Harris, J Wiggan, D Henningham, D Rowe, J Azille-Lewis, R Thorpe, T Mullings, C Lord, T Dawkins- Beharie, I Wellington, KA Gordon-Johnson, N Martin-Chen, E Campbell, M Brown, T Roberts, **J Duncan**. Secondary Clinical Attack Rate of COVID-19 and Associated Risk Factors in Jamaica using National Surveillance Data. 2023 CARPHA Health Research conference, Bahamas – WIMJ Supplement.
- K Webster-Kerr, A Grant, A Harris, R Thorpe, D Rowe, D Henningham, T Mullings, I Wellington, J Wiggan, K Gordon-Johnson, C Lord, T Dawkins-Beharie, J Azille- Lewis, N Martin-Chen, E Campbell, M Brown, T Roberts, **J Duncan**. The Risk of COVID-19 Death in Jamaica by Wave Period. 2023 CARPHA Health Research conference, Bahamas – WIMJ Supplement.
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- **Harrison J., Oshi, D., Gibson, R.C** & Holder-Nevins, D. Mixed Method Integration Using Participant Selection Variant and Principle of Maximum Variation in Investigating Self-Reported Medication Compliance among Older Jamaicans Adults Diagnosed with Hypertension, Diabetes and Arthritis. *Caribbean Journal of Mixed Methods Research* 3, 1 (2023): 80–93; DOI:10.37234/CJMMR.2022.0301.A03
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- **C. Cunningham-Myrie**, K.P. Theall, N. Younger-Coleman, M. Tulloch-Reid, J. Wiggan, S. McFarlane, N. Bennett, T. Ferguson, T. Davidson, I. Govia, W. Aiken, A. Grant, K. Webster-Kerr, R. Wilks Who moves in vulnerable neighbourhoods? Positive deviance for Physical Activity: Findings from the Jamaica Health and Lifestyle Survey 2017 (JHLS III). *PrevMed Reports* 2022 Sep **21**:101998.
- Amrita Gill, Erica A Felker-Kantor, **Colette Cunningham-Myrie**, Lisa-Gaye Greene, Uki Atkinson, Parris Lyew-Ayee, Wendel Abel, Pernell Clarke, Simon G Anderson, Katherine P Theall. Neighborhoods and adolescent polysubstance substance use in Jamaica. *PeerJ* **11**:e14297 <http://doi.org/10.7717/peerj.14297>
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- Craig LS, **Cunningham-Myrie CA**, Theall KP, Gustat J, Hernandez JH and Hotchkiss DR (2023) Multimorbidity patterns and health-related quality of life in Jamaican adults: a cross sectional study exploring potential pathways. *Front. Med.* **10**:1094280. doi: 10.3389/fmed.2023.1094280 (Journal Impact Factor – 5.058)
- **Gibson, R.C., Lowe, G., Lipps G, Jules, M.A., Romero-Acosta, K., Daley, A.** (2023) Somatic and Depressive Symptoms Among Children From Latin America

and the English-Speaking Caribbean. *Clinical Child Psychology and Psychiatry*, doi:10.1177/13591045231178890

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- Walker, I.F., Asher, L., Pari, A. ... **Gibson, R.C.** (2022) Mental health systems in six Caribbean small island developing states: a comparative situational analysis. *Int J Ment Health Syst* 16, 39. doi: 10.1186/s13033-022-00552-9
- “Antihypertensive medication class and diastolic orthostatic hypertension in older Caribbean adult patients June 2023 *The Journal of Clinical Hypertension* 25(18)”Latoya Smith, Maxine Gossell-Williams, **Aileen Standard Goldson**, Maria D Jackson
- **Bailey A.**, McCaw-Binns A. Advancing Communication Strategies in Jamaica’s Response to the COVID 19 Pandemic. *West Indian Medical Journal* 2022:69 (7):461
- Govia, I., Palmer, T., Stubbs, M., Harris, M., Bogle, D., Miller, S., Walters, C., Muir, S. A., & **Bailey, A.** (2022, June 30).Vulnerable Group Members Coping With COVID-19 in Jamaica: A Qualitative Study. *Traumatology*. Advance online publication. <http://dx.doi.org/10.1037/trm0000391>
- Lalwani K, **Sewell C**, Frazier G, et al. “Drunk driving: a secondary analysis of factors associated withdriving under the influence of alcohol in Jamaica”. *BMJ Open*2023.
- **C. Cunningham-Myrie**. Addressing the Social Determinants of the NCD Epidemic in Caribbean Countries. (2023). *West Indian Med J*;69(9), 596 (Journal Impact Factor – 0.171)

Technical Reports

- 2023 Monitoring, Evaluation & Learning Plan for Enabling Environment and Human Rights in Jamaica (National HIV/STI Programme, MOHW). **J. Duncan**
- 2023National Guidelines on Management of Diabetes mellitus, Hypertension and Asthma (Jamaica). **J. Duncan**
- 2023 Jamaica’s Care Pathway for persons with DM and HTN\, **J. Duncan**
- Brown A., **Bailey A.** A National HIV Prevention Strategies Review 2017–2020 National Family Planning Board, March 2023 (33 pages).

- 2022. **Bailey A.** Adolescent Sexual and Reproductive Health Strategy 2023–2025 National Family Planning Board, December (44 pages).
- 2022. **Kenneth James.** Factors Influencing COVID-19 Vaccine Uptake among Older Adults in Jamaica. Technical report submitted to the Pan American Health Organization (PAHO), December 14, 2022 (167 pages)

ALIGNMENT

The thrust to improve quality, quantity and currency of research remains. Journal Clubs, the development of research themes and teams illustrate such efforts. Research embodied policy, technical and clinical, as well as, programmatic matters related to the health and medicine. Our response to current research demands of industry/government is demonstrated by many of the papers and presentations listed below.

PAPERS PRESENTED

- Rowe-Porter, J, Skyers, N, **Thompson, C. (2022)** Private Physicians' Adherence to Administrative and Clinical Guidelines: Results from Pilot Phase of the Public Private Partnership for Non-Communicable Diseases Project. 13th Annual National Health Research Conference, Ministry of Health and Wellness.
- Presentation on DM and HTN care pathway March 7, 2023 (online) Presentation on EEHR MEL PIA April 19, 2023 (Alhambra Inn), June 2023 (Courtleigh Hotel) Presentation on Hypertension Management and CATCH study protocol – KSA primary doctor's association (Jan 12, 2023); St. Thomas HD and Harbour view Health **Centers. J. Duncan**
- Presentation of findings of UKRI dissemination meeting: The Impact of COVID-19 control measures on NCD risk factors and Metabolic health: A comparison of 3 Caribbean countries Jamaica (online) **J. Duncan**
- Institute of Chartered Accountants Annual Workshop – “Mental Health Coping Strategies” Jan 28, 2023; Caribbean Association of Forensic Science Crime Symposium – “Forensic Mental Health” Nov 30, 2022; St. Mary Community Mental Health – “Prioritizing Access to Treatment” Oct 10, 2022; Western Region Mental Health Conference – “Understanding of the Mental Health Act and UN Convention on the Rights of Persons with Disabilities” Oct 21, 2022; Alzheimer's Association Caregiver Support Meeting – “Avoiding Caregiver Burnout” Dec 27, 2022. **J. Duncan**
- YM Dawkins, S Rowe-Gardener, N Guthrie-Dixon, R Thompson, T Thompson, MG Lee, **C Cunningham-Myrie.** Sociodemographic Characteristics, Prevalence and Clinical Outcomes of H. pylori Infection Among Patients Undergoing

Upper Gastrointestinal Endoscopy at the University Hospital of the West Indies. CARPHA 66th Annual Health Research Conference, September 2022, Jamaica.

- T Moore, **C Cunningham-Myrie**, U Atkinson, KP Theall. Awareness of Amendments to the Jamaican Dangerous Drug Act (2015) and Substance Use: The Role of Workplace Substance Use Policy. CARPHA 67th Annual Health Research Conference, April 2023, Nassau Bahamas.
- M Fredericks-James, B Irons, Y Holder, M Francois, **C Cunningham-Myrie**, A McCaw-Binns. Characteristics of pregnant women identified as near-miss and factors related to maternal deaths in Saint Lucia: a review of case records. CARPHA 67th Annual Health Research Conference, April 2023, Nassau Bahamas. (oral poster)
- **C. Cunningham-Myrie**. Guidelines for writing a research proposal. Research Day 2022 Spanish Town Hospital, Jamaica November 25, 2022
- **C. Cunningham-Myrie**. The Built Environment: Prescriptions to mitigate NCDs. Medical Association of Jamaica Symposium (Hybrid) June 8, 2023
- **C. Cunningham-Myrie**. “An experience on the relationship between the National Drug Observatory and the academic world: views from academia”. Webinar: Mapping of national priorities for scientific research (with a human rights and gender focus) and for the development of National Drug Research Agendas., Strategic support for strengthening national systems and regional networks for scientific research on drugs, COPOLAD November 17, 2022
- Pitter, C & **Harrison, J** (September 2022). “Strengthening the Health Sectors’ Capacity to Respond to VAWG: The Jamaican Experience”. Presented at the Sexual Violence Research Initiative’s (SVRI) Forum 2022 – Cancun, Mexico.
- Mental Health Specialist, Pan-American Health Organization (PAHO) Regional Health Response Team. **Lalwani K**.
- Annual Symposium Medical Association of Jamaica. June 2023. Drunk Driving, Drug Driving: A Public Health Crisis. **Lalwani K**.
- 13th Annual National Health Research Conference 2022. Ministry of Health and Wellness Jamaica. **Lalwani K**. Driving Intoxicated: A Secondary Analysis of Alcohol Use and Driving in Jamaica.
- 13th Annual National Health Research Conference 2022. Ministry of Health and Wellness Jamaica. **Lalwani K**. Driving High: A Secondary Analysis of Cannabis Use and Driving in Jamaica
- Inaugural Caribbean Internal Medicine Conference. Caribbean Chapter, American College of Physicians 2022. A Debate on Cannabis Use: The Good, the Bad and the Ugly. **Lalwani K**
- The Prevalence of Chronic Airflow Obstruction in a Jamaican Cohort ≥ 40 years – Results of the Burden of Obstructive Lung Disease (BOLD JA) Study.

- A Aquart-Stewart, M Reid, **C. Walters**. Presentation at the 67th Annual Health Research Conference, Caribbean Public Health Agency (CARPHA), April 27, 2023
- Medical Association of Jamaica /MOHW) Hybrid Symposium, June 8–11, 2023 Climate Change and Mental Health – **Wendel Abel**

PUBLIC SERVICE

Team members continued their numerous activities in public service internationally, regionally and in their local communities.

Professor Wendel Abel

- Advisory Committee: Training and Certification Program for Drug and Violence Prevention, Treatment, and Rehabilitation (PROCCER; OAS).
- Deputy Chair: National Council on Drug Abuse.
- Peer Reviewer: Ethnicity and Inequalities in Health and Social Care; *West Indian Medical Journal*, BMC.
- Board Member and chair Finance sub-committee: Foundation for International Self Help (FISH).
- Justice of the Peace: The Parish of Kingston and St. Andrew.
- Peer Reviewer: Medical Research Council (MRC), Transcultural Psychiatry, BMC Journal, *West Indian Medical Journal*.

Dr. Althea Bailey

- Member: The Health Promotion sub-committee of the National Committee on Non-Communicable Diseases. Ministry of Health & Wellness

Dr. Colette Cunningham-Myrie

- Member: St Andrew High School for Girls, Old Girls Association, Jamaica.
- Member: Board of Directors, Healthy Caribbean Coalition: Dec 2020 to present.
- Volunteer Physician: Diabetes Association of Jamaica – provide clinical care and participate in health promotional activities.
- Member: WIGUT Welfare Fund Subcommittee.
- Member: Specialty Board, Family Medicine Programme, Dept. of Community Health and Psychiatry.

Dr. Jacqueline Duncan

- Member: Ministry of Health's Clinical Working Group on COVID-19 (responsible for MOH's guidelines on Isolation/quarantine, Management of COVID-19 etc.).

- Chair: Epidemiology Cases & Contacts subgroup of essential National Health Research Committee on COVID-19.
- Member: Ministry of Health’s COVID-19 Treatment Workshop Series.
- Member: Oversight Monitoring Committee of Jamaica’s Country Coordination Mechanism for Global Fund to fight AIDS, Tuberculosis and Malaria.
- Member: Epidemiology Research and Training Unit.
- Member: Caribbean Training and Education Center for Health (C TECH).
- Assist with recruitment and interviews of M&E officers for National Family Planning Board.

Dr. Kenneth James

- Board Member: National Environmental and Planning Agency.

Mrs. Dawn Walters:

- Member: National Infant and Young Child Feeding Committee – Chair Publication Sub-Committee.
- Member: External Assessment of Mandeville Regional for Baby Friendly status.
- Member: Jamaica Association for Health Education and promotion Executive.
- Member: Covid Advisory Committee – Portmore New Testament Church of God.

Dr. Camelia Thompson

- Member: Churches Emancipation Lecture Committee.
- Member: Central Management Committee, Bethel Baptist Healing Ministry (Pharmacy and Clinical Services).

Professor Roger Gibson

- Member: Mental Health Specialist, Pan-American Health Organization (PAHO) Regional Health Response Team.
- Advisor: Technical Mental Health Advisory Group, Ministry of Health & Wellness.
- Member: Clinical Management Committee, Bellevue Hospital.
- Member: Young-Onset Dementia Epidemiology Study Group.

Dr. Tana Rickets-Roomes

- Member: Asthma Guideline Development Group which has been mandated by the MOHW to revise asthma guidelines for Jamaica.

- Member: Health Connect Jamaica (UWI Project) – providing care to HIV patients who are part of the public patient pool.
- Member: Medical Support Committee of the Aquatic Sports Association of Jamaica (ASAJ).
- Member: The Officials team for the ASAJ.

Professor Daniel Oshi

- Member: Jamaican Red Cross Society (Kingston and St. Andrew Branch).

Dr. Aileen Standard-Goldson

- Member: Of group from Department of Community Health and Psychiatry undertaking project for PAHO to re-purpose educational videos for training of primary health care workers in mental health issues.
- Member: UWI Medical Alumni Association continuing efforts to support the Faculty of Medical Sciences.
- Member: Executive Board of the Caribbean College of Family Physicians' Regional Body continuing efforts to strengthen the specialty of Family Medicine in the Caribbean.

AGILITY

The Department continues to run self-financing programmes for which reports from the Bursary suggest year to date surpluses as at March 31, 2023. No official figures have yet been received for the financial year ending July 31, 2023.



DEPARTMENT OF MICROBIOLOGY

John Lindo, BSc, PhD – Head of Department

WORK OF THE DEPARTMENT

The period under review was shaped by emergence out of the pandemic of SARS-CoV-2 which saw the department heavily involved in testing for the virus. Although we experienced a decline in the number of cases, the Department of Microbiology continued to play a vital role in post pandemic surveillance for SARS-CoV-2, influenza and other respiratory viruses. Furthermore, staff was involved in mitigating the rate of transmission of the virus through advocacy, outreach, public education and participation in control activities with the UWI, UHWI and the private sector.

ACCESS

STUDENTS

The department continued its work in undergraduate teaching across the programs of the FMS including the MBBS/DDS, nursing, physical therapy and PharmD. We returned to full face to face delivery of our programmes in keeping with the campus policies.

In addition, the department continued training in the PhD, MPhil, DM, and MSc programs with face to face because of small class size and adequate social distancing.

Postgraduate Diploma in Infection Prevention and Control

Despite high demand we were unable to deliver the self-financing Postgraduate Diploma program in Infection Prevention and Control due to staffing issue. We continue to work with the campus management to re-introduce this highly successful program. Despite this, the department's infection prevention and control activities continue with the University Hospital of the West Indies to the benefit of patients and the teaching and research enterprises. Professor Alison Nicholson

was recognized for her work in this area by conferral of the Order of Distinction (Commander Class).

The Caribbean Association of Clinical Microbiologists (CACM) continued through a series of symposia which addressed crucial pandemic responses while keeping the focus on key areas of medical microbiology such as antimicrobial resistance.

NEW STAFF

Dr Tiffany Butterfield and Dr Jerome Walker joined the department as Temporary Lecturers and have been involved in improving the Clinical Immunology Services while teaching conducting research in the area.

PUBLICATIONS

Abstracts

- Onuoha, C., Stephenson-Clarke, S., Thoms-**Rodriguez, C.**, Brown, P. Mixed-Species Biofilms and Resistance to Heavy Metals and Disinfectants: Implications for UPEC and UTIS. *International Journal of Infectious Diseases*, Volume 130, Supplement 2, 2023, Page S29, ISSN 1201-9712. <https://doi.org/10.1016/j.ijid.2023.04.067>. (<https://www.sciencedirect.com/science/article/pii/S1201971223001960>). International Congress on Infectious Diseases, presented Nov 20, 2022.
- Miles Saunders, L., Christie, O., Heslop, O., Reynolds-Campbell, G., Thomas, S., **Thoms-Rodriguez C.**, Prevalence and Molecular Characterization of *Clostridioides difficile* in patients at a Jamaican Tertiary Care Facility, University Hospital of the West Indies. Caribbean Association of Clinical Microbiologists (CACM) Conference, October 28, 2022.
- **Thoms-Rodriguez C** 2023. Critical Infection Prevention and Control Reminders for the Labour Ward and Special Care Nursery/Neonatal Intensive Care Unit” 22nd Annual Perinatal Conference – Challenges and Controversies in Perinatal Care, February 26, 2023.
- **Thoms-Rodriguez C** 2022: Emergence of New Trends in Antibiotic Resistance. Association of General Practitioners of Jamaica Antibiotic Hybrid Conference 2022, October 9, 2022.

Publications

- Williams T, **Jackson S**, Barr I, Bi S, Bhiman J, et al. Results from the second WHO external quality assessment for the molecular detection of respiratory syncytial virus, 2019–2020. *Influenza Other Respir Viruses*. 2023 Jan 18;17(1):e13073. doi: 10.1111/irv.13073

- Ali I, Alarcón PM, Mundle M, Noble SAA, Oura CAL, **Anzinger JJ**, Sandiford SL. “The others: A systematic review of the lesser-known arboviruses of the insular Caribbean”. *Viruses*. 2023 Mar;15(4):843.
- Osterholm MT, Diego CB, **Anzinger J**, Bottazzi ME, Christie-Samuels C, Erundu N, Marrazzo J, Milan S, Quashie PK, Schwab T, Williams D. “Full technical report: Insights from Cuba’s COVID-19 vaccine enterprise: Report from a high level fact-finding delegation to Cuba”. *MEDICC Rev*. 2022 Oct; 24(3-4):72-108.
- **Anzinger JJ**, Cameron-McDermott SM, Phillips YZR, Mendoza L, Anderson M, Cloherty G, Strachan-Johnson S, **Lindo JF**, Figueroa JP. “Prevalence of SARS-CoV-2 antibodies after the Omicron surge, Kingston, Jamaica, 2022.” *J Clin. Virol. Plus*. 2022 Nov;2(4):100124.
- Berry C-LS, Melbourne-Chambers RH, Harrison AN, **Anzinger JJ**, Gordon-Johnson K-AM, Deyde VM, Christie CDC. “Hospitalized children with SARS-CoV-2 infection and MIS-C in Jamaica: A dive into the first 15 months of the novel pandemic”. *Front. Pediatric*. Sept;10:904788.
- **Anzinger JJ**. “Seroprevalence of chikungunya virus, Jamaica, and new tools for surveillance (Response)”. *Emerg. Infect. Dis*. 2022 Aug;28(8):1737-1738.
- Butterfield T, Hanna D, Kaplan R, Xue X, Kizer J, Durkin H, Kassaye SG, Nowicki M, Tien P, Topper ET, Floris-Moore M, Titanji K, Fischl M, Heath S, Palmer C, Landay A, **Anzinger J**. “Elevated CD4+ T-cell glucose metabolism in HIV+ women with diabetes mellitus”. *AIDS*. 2022 Aug;36(10):1327-1336.
- Monecke, S., Akpaka, P.E., Smith, M.R., Unakal, C.G., **Thoms Rodriguez, C.-A.**, Ashraph, K., Müller, E., Braun, S.D., Diezel, C., Reinicke, M., et al. Clonal Complexes Distribution of *Staphylococcus aureus* Isolates from Clinical Samples from the Caribbean Islands. *Antibiotics* 2023; 12(6):1050. <https://doi.org/10.3390/antibiotics12061050>
- Stone, S, **Thoms-Rodriguez, C**, Cameron, J., Seah, C., Stephenson-Clarke, S., Melano, R.G. New Delhi Metallo-Beta-Lactamase (NDM)-5 in Uropathogenic *Klebsiella pneumoniae* in a Tertiary Care Hospital in Jamaica. *Microbiol Spectr*. 2023 Jan 31:e0345922. doi: 10.1128/spectrum.03459-22. Epub ahead of print. PMID: 36719202.
- Clarke, K., Porter, R., Facey, P., Yee, T., **Thoms-Rodriguez, C**. Chemical composition and biological activities of Jamaican *Cannabis sativa* essential oils as the plant matures. *Flavour Fragr J*. 2023; <https://doi.org/10.1002/ffj.3732>
- **Thoms Rodriguez C.**, Dawson F., Cameron J., Seah C., Reid M., Melano R.G. and Gossell-Williams M. Prevalence and distribution of AmpC beta-lactamase producing *Escherichia coli* and *Klebsiella pneumoniae* isolates obtained from urine samples at a tertiary care hospital in the Caribbean. *Front Cell Infect Microbiol*. 2022 12:1015633.doi: 10.3389/fcimb.2022.1015633

- **Roye-Green, K.**, Willis, R., Priestley, S. R., & **Vickers, I.** (2022). Knowledge, Practice and Attitudes to the Management of Sepsis in Jamaica. *The Journal of Critical Care Medicine*, 8(4), 232-241.
- Kilmarx, P.H., Maitin, T., Adam, T., Aslanyan, G., Cheetham, M., Cruz, J., Eigbiki, M., Gaye, O., Jones, C.M., Kupfer, L. and **Lindo, J.**, 2023. Increasing Effectiveness and Equity in Strengthening Health Research Capacity Using Data and Metrics: Recent Advances of the ESSENCE Mechanism. *Annals of Global Health*, 89(1).
- **Brown MG, Lindo JF**, Vickers IE, Nelson K, Phillips Y, Wilson-Clarke C, Gavi S, Morse GD, Talal AH. Seroprevalence and Genotype Diversity of Hepatitis C Virus in the Caribbean-A Review. *Trop Med Infect Dis*. 2023 Jul 17;8(7):370

The Department is involved in several initiatives to increase its research and publications output including;

Abbott Pandemic Defense

Dr Joshua Anzinger continued as local Principal Investigator of the Abbott Pandemic Defense Coalition which is a consortium of 87 universities and research centers which are involved in virus discovery and surveillance. Among the projects which have resulted from this:

1. Virus surveillance and discovery in humans;
2. Virus surveillance and discovery in mosquito vectors – led by Dr Simone Sandiford (BMS);
3. The association between viral infections including SARS-CoV-2 and HTLV-1 and the development of autoimmunity;
4. The APDC supports the research of several graduate students and junior faculty members, resulting in publication in high impact factor journals.

Global Infectious Diseases Research Training Program (GIDRTP) completed its fifth year with three pre-doctoral and three postdoctoral scholars. The pandemic of COVID-19 not only curtailed travel to laboratories and institutes in the USA but interrupted the global supply chain which made the procurement of equipment and reagents severely challenging. This resulted in unspent funds in the grant and the NIH has granted permission to expend funds. Furthermore, we successfully competed for renewal of the grant for another five years and two new scholars were recruited including Dr Jerome Walker (postdoctoral fellow) and Ms Shanice Redman (pre doctoral fellow). Dr Walker's project is entitled *Clinical and immunological outcomes of dengue fever outbreak in hospitalized children at a tertiary healthcare center in Jamaica* while Ms Redman will study *Phylogenetic analysis and genotype identification of dengue virus whole genome sequences obtained from serum samples of patients presenting to the University Hospital of the West Indies, Jamaica*

Antimicrobial resistance remains a key area of research in the department and is inextricably linked to the teaching and clinical service. The introduction of Next Generation Sequencing in the department has expanded the potential of this area of scientific research.

ALIGNMENT

PUBLIC SERVICE

Dr. Sandra Jackson-Betty

- Member, World Health Organization Global Influenza Program/Global Influenza Surveillance and Response System
- Expert Advisor, Influenza Virus Traceability Mechanism, WHO, Geneva
- Member, World Health Organization Global Surveillance for Respiratory Syncytial Virus
- Member, International Society for Influenza and other Respiratory Virus Diseases
- Member, Certification Board of Infection Control and Epidemiology
- Member, American Biological Safety Association
- Member, Caribbean Association of Clinical Microbiologists

Dr Camille-Ann Thoms-Rodriguez

- Member of the University Hospital of the West Indies (UHWI) Medical Intensive Care Unit (MICU) Taskforce
- Member of the Oversight Committee for the University Hospital of the West Indies (UHWI) Neonatal Protocols Implementation Programme
- Member of the American Society of Microbiology
- Member of the Caribbean Association of Clinical Microbiologists

Dr Joshua Anzinger

- Associate Editor, Journal of Clinical Virology Plus
- Member, Abbott Pandemic Defense Coalition
- Member, Caribbean Sub-regional Certification Committee for the Global Eradication of Poliomyelitis. Pan American Health Organization (PAHO).
- Member The Arbovirus Diagnostic Network of the Americans (RELDA)
- Director, Global Virus Network, Jamaica Affiliate Center of Excellence

- Invited Participant: MEDICC Review fact-finding mission is to assess the science, clinical trials, regulatory process, production capacities and potential impact of the Cuban COVID-19 vaccines. Havana, Cuba.

Professor Alison Nicholson

- Member, National Health Fund Patient Education and Medication Compliance Programme Committee.
- Member of the Governance Team of the UHWI Taskforce for COVID-19: Established to guide the UHWI's response to COVID-19 since 2020.
- Caribbean Association of Clinical Microbiologists (Co-Founder, Country Representative)
- Chair, Infection Prevention and Control Committee, UHWI.
- Member, West Indian Medical Journal Editorial Board.
- Member, Infection Prevention Society(UK)

Dr Tiffany Butterfield

- Consultant, Ministry of Health and Wellness Jamaica, HIV/STI/TB Unit for Strategic Information and Research.
- Member, National Health Research Priority Setting Group, Ministry of Health and Wellness Jamaica.

Dr. Jerome Walker

- Member American Society of Microbiologists
- Global Infectious Diseases Training Program Fellow
- Web Master, Caribbean Association of Clinical Microbiologists
- Member Infection Prevention and Control Committee, UHWI

Professor John Lindo

- Co-chair, SUNY-UWI Health Research Consortium
- Member, University Hospital of the West Indies Board of Management
- Chairman, Procurement Committee, UHWI Board
- Member, Abbott Pandemic Defense Coalition, Scientific Steering Committee
- Member, Rotary Club of New Kingston

AGILITY

ISO Accreditation for Medical Laboratories

The department maintained its ISO 15189:2012 Standard during the period under review. Mrs Olivene Christie assumed the role of Acting Quality Manager.

National Influenza Center

Dr Michelle Brown was appointed Director of the National Influenza and has drafted updated Terms of Reference for its operation by the UWI and the Ministry of Health and Wellness, Jamaica. The Center continued its work on surveillance for influenza, SARS-CoV-2 and other respiratory viruses.

INCOME GENERATION

- **Lindo JF (Co-PI), Anzinger JJ (I).** Fogarty International Center. “Global Infectious Diseases Research Training Program”, US\$1,486,170.00. 2023–2027.
- **Anzinger JJ** AIDS Healthcare Foundation. “Whole genome sequencing of epidemic mosquito-borne viruses in Jamaica.” US\$59,994. Principal Investigator. 2023–2024.
- **Anzinger JJ** Wellcome Trust. “West Africa, West Indies, West London: Mechanisms driving heterogeneity in immunity to SARS-CoV-2 variants. £2,998,058.00. Principal Investigator (Site). 2022–2024.
- **Butterfield T (PI), Anzinger JJ (Mentor)** Abbott Laboratories. “The prevalence and role of human T-lymphotropic virus-1 (HTLV1) in persons living with HIV and non-communicable diseases.” US\$31,912.00. 2022–2023.
- **Anzinger JJ** Abbott Laboratories, “Viral Surveillance and Discovery in Jamaica and the Caribbean Region”, US\$127,860.49. Principal Investigator. 2022–2023.
- **Thoms Rodriguez C** Prevalence and distribution of AmpC beta-lactamase producing *Escherichia coli* and *Klebsiella pneumoniae* isolates obtained from urine samples at a tertiary care hospital in the Caribbean. (USD \$2020) The University of the West Indies Research and Publication Grant – Role-Principal Investigator.
- **John Lindo (PI).** Fogarty International Training Center, NIH 15/04/2018 Global Infectious Diseases Research Training Program (USD89,000.00) Gene Morse and Katherine Anderson (SUNY) Co-PIs. 2022–2023.
- **John Lindo (PI).** Cloud-based Viral Surveillance Research Training Program in Jamaica. One year supplement to the Fogarty International Training Center, NIH 01/03/2022 Global Infectious Diseases Research Training Program (USD 33,741.00) Gene Morse and Katherine Anderson (SUNY) Co-PIs. 2022–2023.



DEPARTMENT OF OBSTETRICS & GYNAECOLOGY

Dr. Shaun Wynter, MBBS, DGO, Dip. Ven., DM, FRCOG, FACOG
– Head of Department

WORK OF THE DEPARTMENT

The Department of Obstetrics and Gynaecology is staffed by 3 senior lecturers, 5 lecturers and 8 associate lecturers with 28 associated lecturers spread at 6 off site hospitals. All are involved in clinical teaching, specialist clinical services and research. The clinical areas are general obstetrics and gynaecology and specialist service in Maternal- Fetal Medicine, Gynaecological Oncology and Fertility Management/Assisted Reproduction, and Urogynaecology. The department offers undergraduate and postgraduate courses and have two Fellowship Programmes in Maternal-Fetal Medicine (MFM) and Gynaecological Oncology in association with the International Gynecologic Cancer Society.

Members of the Department are involved in teaching and learning in the undergraduate MBBS programme during years 3, 4 and 5, and the post graduate Doctor of Medicine (DM) programme in Obstetrics and Gynaecology and Fellowship programs. Currently there are 58 post graduate students enrolled in the 4.5 year DM in Obstetrics and Gynaecology programme. There are no fellows in the programs but the application port will be open in December and enrolment is expected in the 2024 academic year. Two Fellows graduated from the Gyn. Onc. Fellowship Programme in 2023.

There are two (2) secretaries, One (1) Senior Medical Technologist and two (2) laboratory attendants in the department.

ACCESS

STUDENTS (UNDERGRADUATE AND POSTGRADUATE)

Students returned to face to face teaching fully. The Clerkships/rotations were shortened with junior students rotating for four instead of five weeks and senior

students rotating for eight instead of ten weeks. This was in an effort to achieve the university mandate to return to regular calendar rotation thus leading to completion of the MBBS program at the pre-COVID time. Teaching and learning are carried out by the different services.

OBSTETRIC PERINATAL SERVICE

This service manages high risk Obstetric cases and accepts referrals from the rest of the island. The Unit provides teaching for postgraduate and undergraduate medical students. Perinatal Audits occur monthly as a joint meeting with the Department of Child Health and annual conference in February of each year is run by the High Risk Obstetric team in collaboration with the Neonatologists & Neonatal Pathologists.

The Labour Ward and Postnatal Services are supervised by consultants Drs. Michelle Campbell and Lenroy Bryan, Dr. Cathy Maddan and Dr Leslie Samuels. These consultants also teach undergraduate and postgraduate students as well as midwives in training.

The Department offers Obstetric Ultrasound Services to both the University Hospital and referrals from outside the University. Ultrasound training is spearheaded by Dr. Nadine Johnson and Dr. Tiffany Hunter.

OBSTETRICS SKILLS & DRILLS

The department offers 2 Emergency Obstetrics Workshops (JOTTIE) each year sponsored by Ferring Pharmaceutical Ltd and offered as a multi-disciplinary training workshop for Anaesthetic Residents, Accident and Emergency Residents, Paediatric Residents, Obstetrics & Gynaecology Residents and midwives from University Hospital and Government Hospitals. It takes place in the simulation lab of the School of Nursing.

ONCOLOGY UNIT

Dr. Taylor & Dr. Bambury are the two trained gynaecological Oncologists in the department and together with Professor Fletcher, Dr. Rattray & Dr. Mitchell & Dr. Medley, form the Gynaecological Oncology Team. They are assisted by Sister Murdoch and her team of Oncology nurses as well as administrative secretary Miss Thompson. Residents rotate through the unit spending 2 months in the Colposcopy and general Oncology areas. Patients requiring colposcopy in the management of the abnormal cervical smear are seen in the Colposcopy clinics while patients with gynaecological malignancies, are seen in the Oncology clinic both in preparation for surgery and for post-surgery follow-up, post chemotherapy and

radiation therapy. The Unit also has facilities for teaching both undergraduate and postgraduate students

FERTILITY MANAGEMENT UNIT

Dr. John Harriott is the acting director of this unit and together with Drs. Shaun Wynter, Loxley Christie, Sharifa Frederick and Michelle Bailey as clinicians, offer assisted reproductive referral services. Other staff members are Fellows Dr Giselle Harrison and Dr Xavier Brown, Miss Denise Everett, a senior embryologist (Biologist) and Miss Hillary Walters, a staff Nurse as the coordinator of the programme. This team has championed the In Vitro Fertilization and Embryo Transfer Programme for Jamaica and the Caribbean. Pregnancy rates continue to improve and frozen embryos and donor eggs are now being stored. Minimally invasive procedures such as hysteroscopy and laparoscopy (both diagnostic and therapeutic procedures) are provided as day case procedures and the family planning clinic offers contraceptive and sterilization advice.

FACULTY / COORDINATORS:

- Year 3 course coordinator : Dr Michell Campbell Mitchell
- Year 4 Clerkship coordinator : Dr. N. Medley
- Year 5 Clerkship coordinator: Dr. S. Frederick
- DM1 course coordinator: Dr C. Maddan
- Postgraduate and OSCE Examinations: Dr M Taylor
- MFM Fellowship: Dr T Hunter
- Gynae Oncology Fellowship: Dr C Rattray
- University Examiner: Dr C Rattray
- Co-coordinators work in collaboration with Associate lecturers in the 6 other affiliate hospitals to deliver the supervised tutorials and the Bahamas Campus with respect to the DM programme.

STAFF DEVELOPMENT

- Dr. Cathy Maddan completed a 2 year diploma in Health Profession Education, University of Glasgow, Scotland.
- Dr. Lenroy Bryan – Postgraduate Diploma in Health Research and Epidemiology
- Dr Ian Bambury – Attained tenure

PUBLICATIONS

- Lana Chung, Natalie Medley, Carole Rattray, Shaun Wynter, Kathy-Ann Pate-Robinson and Ian Bambury. Prevalence of and risk factors for cervical cytological abnormalities in women attending an HIV outpatient clinic in Kingston, Jamaica.
- Cathy Maddan, Melissa Forbes, Michelle Campbell Mitchell, Carole Rattray, Lenroy Bryan. Jamaica core Obstetric Teaching and Training in Emergencies (JOTTIE) and its Effect on Postpartum Haemorrhage at a Jamaican Teaching Hospital. *Journal of Medical Education and Curricular Development* Volume 9, 1-10. <https://doi.org/10.1177/23821205221076651>.
- Calvert C, Brockway MM, Zoega H, Miller JE, Been JV, Amegah AK, Racine-Poon A, Oskoui SE, Abok II, Aghaeepour N, Akwaowo CD, Alshaikh BN, Ayede AI, Bacchini F, Barekataan B, Barnes R, Bebak K, Berard A, Bhutta ZA, Brook JR, **Bryan LR, et al.** **Changes in preterm birth and stillbirth during COVID-19 lockdowns in 26 countries.** *Nature Human Behaviour.* 2023 Feb 27 <https://doi.org/10.1038/s41562-023-01522-y>.
- Tracey Martinborough, Wendy Allen-Davis, **Tiffany Hunter-Greaves**, Minerva Thame, Marvin Reid & Donnette Simms-Stewart (2022) Maternal morbidity and mortality associated with mode of delivery in sickle cell disease, *Journal of Obstetrics and Gynaecology*, DOI: 10.1080/01443615.2022.2158314T.
- Martinborough T, Hunter-Greaves T, Charles P, Johnson P, Johnson N. Ante-natal diagnosis and management of an encephalocele in Jamaica. *J Case Rep Images Obstet Gynecol* 2022;8 (2):25–29. doi: 10.5348/100129Z08TM2022CR.
- Pinkney J, Carroll K, **Bryan L.** Witter G, Ashour D, Shebl F, Hyle E, Ojikutu B, Bogart L. COVID-19 vaccine uptake, vaccine confidence and medical mistrust among reproductive-aged women in Jamaica. *AJOG* 2022, 228, S780S781. DOI:<https://doi.org/10.1016/j.ajog.2022.11.131>.
- Michelle Campbell, Carol Rattray, Primelia Stewart, Kimberly Stewart, Brittni Stewart, Donnette Simms-Stewart. Profile of Women with Pelvic Organ Prolapse at the University Hospital of the West Indies, Risk Factors and Presentation. *Journal of Obstetrics and Gynaecology* 2022;42.
- Jodian A Pinkney, Laura M Bogart, Kamali N Carroll, **Lenroy Bryan**, Givana Witter, Dina Ashour, Fatma M Shebl, Rocio M Hurtado, Ilona T Goldfarb, Emily P Hyle, Christina Psaros, Bisola O Ojikutu. Vaccine Uptake Among Pregnant Women and Nonpregnant Women of Reproductive Age in Jamaica. Factors *Open Forum Infectious Diseases*, Volume 10, Issue 5, May 2023, ofad201, <https://doi.org/10.1093/ofid/ofad201> .

ALIGNMENT

PAPERS/POSTER PRESENTED

- Evaluation of Non-Invasive Prenatal Screening in a Middle Income Country. **T. Hunter**, S. Gibson, N. Johnson. The International Society for Prenatal Diagnosis 27th International Conference on Prenatal Diagnosis and Therapy. June 19, 2023, Edingburg International Conference Center (EICC), Edingburg, United Kingdom.
- Prevalence of and risk factors for cervical cytological abnormalities in women attending an HIV outpatient clinic in Jamaica. Authors Carole Rattray, Lana-Chung, Ian Bambury, Kathy-Ann Pate-Robinson, Shaun Wynter, Natalie Medley - Posters at RCOG World Congress June 2023.
- Analysis of prognostic factors of Krukenberg tumours at a single-site in Jamaica. Authors: Omar Wellington, Carole Rattray. Posters at RCOG World Congress June 2023.
- Stillbirths and Intrauterine Deaths during the COVID-19 Pandemic at the UHWI: A Retrospective Cohort Study Comparing Rates of Stillbirths During and Prior to the Pandemic. Authors: Kymberly Jones, Michelle Campbell-Mitchell, Phillip Charles, Carole Rattray, Cathy Maddan, Joshua Anzinger. Posters at RCOG World Congress June 2023.
- Fetal growth and *in utero* exposure to Zika and Dengue viruses in a Jamaican cohort study. **Bryan, L**; Kelly, C; Onyonyor, A; Morgan, O; Mitchell, P; Campbell, L; Byrne, T; Palmer, P; Fernandes, G; Bailey, H; Ruiz-Burga, E; Anzinger, J; Melbourne-Chambers, R; Pierre, R; Webster-Kerr, K; Ades, A; Giaquinto, C; Christie, C; Thorne, C. UWIMAA 14th International Medical Reunion Conference at Mona July 18, 2023. Third place award for the category Best Poster presentation.

PUBLIC SERVICE

T. Hunter

- Inducted as a member of the Rotary Club of New Trafalgar Heights – July 9, 2023.

Dr L. Bryan

- Health Fair at Bowen Hill community – July 2023
- Journal PLOS ONE. SOURCE-WORK-ID: 76700328-8814-4a60-aad3-c06eee-2d2a4e. Manuscript reviewer (July 2023).

- Guest Speaker – Emergency Cardiac Care in Pregnancy. Emergency Cardiac Care Symposium. The Heart Foundation of Jamaica. August 24, 2022.
- UWI Ethics Committee (2017–present). Review of undergraduate, graduate and academic research proposals from UWI for ethical compliance.
- UHWI Policy Committee (2019–present).

Dr Natalie Medley

- Junior editorial board of the *International Journal of Gynecologic Cancers* (IJGC)
- Currently enrolled in a Postgraduate medical and Health Education program at the University of Manchester.



DEPARTMENT OF PATHOLOGY

Dr. Tracey Gibson, MBBS, DM (Pathology) MSc (Medical Genetics)
Head of Department

WORK OF THE DEPARTMENT

The Department of Pathology at The University of the West Indies (UWI), Mona is formed by the consolidation of three sub-departments, which represent three unique but related medical specialties – Anatomical Pathology, Chemical Pathology and Haematology/ Oncology. As a result, the department provides an extensive array of clinical and laboratory services and undertakes a wide range of teaching/learning and research activities through the various laboratories and units that it operates.

ACCESS

STUDENTS

Undergraduate Programmes

The academic staff continued to conduct teaching/learning activities for undergraduate students in various programmes within the Faculty of Medical Sciences and the Faculty of Science and Technology, and the annual Professor Stanley E.H. Brooks Prize was presented to the student in the 2023 Bachelor of Medicine and Bachelor of Surgery (MBBS) graduating class who had been the best performer in the Year 4 Pathology Clerkship.

Graduate Programmes

Doctor of Medicine (DM) programmes

For the DM Pathology programme, the May/June 2023 examinations represented the first year of joint examination with the St. Augustine campus, which established an identical programme in 2021. Both St. Augustine Part I candidates were successful, as were four (4) Mona Part I and two (2) Mona Part II candidates. There was one

May/June 2023 examination candidate for DM Chemical Pathology and she was successful. There were no candidates for DM Haematology/Medical Oncology. The annual Professor Barrie Hanchard Conference Grant was awarded to students performing well in the DM Pathology programme.

Master of Philosophy/Doctor of Philosophy (MPhil/PhD) Chemical Pathology

Two MPhil students continued in the MPhil/PhD programme in Chemical Pathology and they are both scheduled for PhD transfers in Semester II of the 2023/2024 academic year.

ENHANCEMENT OF TEACHING/LEARNING

Activities undertaken by the department in an effort to enhance the quality and quantity of teaching/learning include:

- The appointment of Dr. Andrew Evans (University of Toronto), an internationally acclaimed pathologist with numerous accolades for teaching and research, to the post of Honorary Professor in the Department of Pathology.
- Organization of Special Lectures, presented as part of the Faculty's Clinico-pathological Conference series hosted by the Department of Pathology. These Special Lectures are most commonly delivered by overseas-based UWI medical school alumni who are experts in their given fields.

PUBLICATION

Efforts made to increase research output

The department continued its work on existing projects, forged new research collaborations with extra-departmental researchers and agencies, and increased the engagement of technological staff and graduate students in research activities, including publication, as outlined below:

Jamaica Cancer Registry (JCR)

A collaborative agreement with the Registrar General's Department is being prepared, in order to obtain mortality data. This will allow the population-based JCR to expand case registration to include mortality, and therefore regularly publish data related to cancer mortality and survival. The JCR also continued its longstanding work of registering new cases of cancer and preparing data for cancer incidence statistics and publication.

Sick Kids-Caribbean Initiative (SCI)

In 2013, the SCI established a hospital-based paediatric cancer registry in the Department of Pathology, which registers all cases of childhood cancer diagnosed and/or treated at the University Hospital of the West Indies. Case registration continued in the 2022/2023 academic year, and the data collected will be used for upcoming research publications.

Fox Chase Cancer Center (FCCC), Philadelphia, USA

The department continued its collaboration with the FCCC on two projects: “The Jamaica Sherlock Lung Cancer Study: Tracing lung cancer mutational processes in never smokers” and “Impact of African ancestry on DNA polymerase beta (POLB) protein expression and survival in patients with oral cavity and laryngeal squamous cell carcinoma”.

Molecular Oncology Research Group (Department of Pathology and the Caribbean Institute for Health Research – CAIHR)

This group is investigating the molecular landscape of the common cancers in our population – a population comprised predominantly of individuals of African ancestry.

Departments of Pathology and Surgery, UWI, Mona and Department of Urology, Johns Hopkins University, Baltimore, Maryland, USA – Research on Prostate Cancer

This is a newly established research group which will be investigating the X285K variant of the *HOXB13* gene, and other genetic alterations, in prostate cancers in Jamaican men.

RESEARCH PUBLISHED DURING THE 2022/2023 ACADEMIC YEAR

Books and Monographs

- Browne-Farmer C, Baxter JB, Alexis C, Allen U, Beeput S, Bodkyn C, George C, Gibson D, **Gibson T**, Leandre-Broome V, Mclean-Salmon S, Reece-Mills M, Sin Quee C, Gupta S. “*Reflections on the SickKids-Caribbean Initiative: Local Oncology Databases Development*”. Toronto: Hospital for Sick Children; 2023.

Refereed Journal Articles

- Clarke S, **Chin SN**, Dodds L, George SHL, Badal S. “Racial disparities in breast cancer preclinical and clinical models”. *Breast cancer research: BCR* 2022; 24(1): 56. <https://doi.org/10.1186/s13058-022-01551-x>

- Harrison S, Judd J, **Chin S**, Ragin C. “Disparities in Lung Cancer Treatment”. *Current oncology reports* 2022; 24(2): 241–248. <https://doi.org/10.1007/s11912-022-01193-4>
- **Dilworth L**, Stennett D, Bailey D, Omoruyi F. “Effect of *Annona squamosa* leaf extract on human promyelocytic leukemia cells subjected to oxidative stress”. *Journal of complementary and integrative medicine* 2023; <https://doi.org/10.1515/jcim-2023-0048>.
- **Dilworth L**, Stennett D, Omoruyi F. “Cellular and Molecular Activities of IP6 in Disease Prevention and Therapy”. *Biomolecules* 2023; 13(6): 972. <https://doi.org/10.3390/biom13060972>.
- **Ho JD**, Ho JAS, Ruddock R, **Spencer SA**. “Isolated, nonsyndromic mucocutaneous plexiform neurofibromas: A systematic review of the clinicopathologic features.” *Am J Dermatopathol* 2022; 44(12): 904-912. doi:10.1097/DAD.0000000000002322
- Chung HJ, Jablon K, Dawkins O, Richardson M, **Ho JD**. “The frequency of reporting race, ethnicity and skin phototypes in dermatology case reports” *JAAD International* 2023; doi: <https://doi.org/10.1016/j.jdin.2023.04.001>.
- **Ho JD**, **Collie CJ**, **Spencer S**. “The histopathologic spectrum of alopecias seen in a Jamaican setting.” *Am J Dermatopathol* ();10.1097/DAD.0000000000002487, June 28, 2023. | DOI: 10.1097/DAD.0000000000002487
- **McGrowder D**, Tulloch-Reid MK, Coard KCM, et al. “Vitamin D deficiency at diagnosis increases all-cause and prostate cancer-specific mortality in Jamaican men”. *Cancer Control* 2022; 29. doi:10.1177/10732748221131225.
- **McGrowder D**, Coard K., Aiken W, **Gibson T**, Morrison-Blidgen B, McFarlane S, Mayhew R. “Association of prostate cancer and lipid profile: a case-control study”. *Journal of Medical and Health Studies* 2022; 3: 123–129.
- Ben EE, Beshel JA, Owu DU, Palacios J, **Nwokocha M**, Bórquez J, Simirgiotis MJ, Nwokocha CR. “Identification of phytochemicals and assessment of hypoglycemic and haematological potentials of Terminalia catappa Linn leaf extract in alloxan-induced diabetic Wistar rats”. *Cardiovasc Hematol Agents Med Chem* 2023; 10.2174/1871525721666230526152917. Advance online publication. <https://doi.org/10.2174/1871525721666230526152917>
- Thomas J, Anderson T, James-Green T, **Nwokocha M**, Palacios J, Pepple D, Nwokocha C. “*Artocarpus Altilis* (Breadfruit) could Reverse Myocardial Infarction Through the Normalization of the Oxygen Haemoglobin Dissociation Curve”. *Cardiovasc Hematol Agents Med Chem* 2022; 20(3): 212-218. doi: 10.2174/1871525720666220203110919. PMID: 35125088.
- Valentine H, Aiken W, Morrison B, Zhao Z, Fowle H, Wasserman JS, Thompson E, Chin W, Young M, Clarke S, Gibbs D, Harrison S, McLaughlin W, Kwok T,

Jin F, Campbell KS, Horvath A, **Thompson R**, Lee NH, Zhou Y, Graña X, Ragin C, Badal S. “Expanding the prostate cancer cell line repertoire with ACRJ-PC28, an AR-negative neuroendocrine cell line derived from an African-Caribbean patient”. *Cancer Res Commun*. 2022 Nov; 2(11):1355-1371. doi: 10.1158/2767-9764.crc-22-0245. Epub 2022 Nov 7. PMID: 36643868; PMCID: PMC9836004.

- Dawkins YM, Rowe-Gardener S, Guthrie-Dixon N, **Thompson R**, Thompson T, Lee MG, Cunningham-Myrie C. “*H. pylori* predictors and outcomes among adults undergoing upperendoscopy at a Jamaican teaching hospital: A cross-sectional study”. *Helicobacter* 2023 Apr 6:e12968. doi: 10.1111/hel.12968. Epub ahead of print. PMID: 37025012.

ALIGNMENT

PAPERS PRESENTED

- **Collie C, Ho JD**. “The Marley Malady: Melanoma in Jamaica, still a deep-seated problem.” 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022
- **Ho JD**. “The Histopathologic Spectrum of Alopecias Seen in a Jamaican Dermatopathology Setting” 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022
- Adams T, Smith-Matthews S, **Ho JD**. “Lichen Planopilaris Associated With Ponatinib Use in a Patient With Chronic Myelogenous Leukemia” 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022
- Dawkins O, Berry F, East-Innis A, **Ho JD**. “A Californian Import: Cutaneous Coccidioidomycosis” 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022
- Douglas A, McNish A, Smith-Matthew S, East-Innis A, **Ho JD**. “A Case of ‘Wet Gangrene’: Dermatology to the Rescue” 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022
- Morris D, Thomas R, **Ho JD**. “Green Skin: Not Just for Martians”. 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022
- Ruddock R, **Ho JD**, East-Innis A, Smith-Matthew S, Braham D. “Pustules With a Twist: A Case Series of Patients With Monkeypox at the University Hospital of the West Indies”. 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022

- Ruddock R, Smith-Matthews S, Fitz-Henley M, **Ho JD**. “Unusual Malignant Transformation in a Longstanding Nevus Sebaceus.” 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022
- Thomas J, Braham D, **Ho JD**. “Necrolytic Migratory Erythema: sine Hyperglycemia.” 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022
- Welch J, Smith-Matthews S, **Ho JD**. “Melanoma Arising at the Site of Trauma With Widespread Metastasis” 31st Annual Caribbean Dermatology Association Conference; Runaway Bay Jamaica, November 2022
- **Lowe D**: ‘Chemotherapy in Prostate Cancer’, Ministry of Health and Wellness Prostate Cancer Symposium, Virtual Seminar, September 12, 2022
- **Lowe D**: ‘Molecular Profiling in Colorectal Cancer – Impact on Therapy and Challenges in the Resource Limited Environment’, Annual Colorectal Cancer Symposium, Virtual Meeting, March 12, 2023
- **Lowe D**: ‘Advances in the Systemic Treatment of Cervical Cancer’ – Caribbean Gynaecologic Cancers Symposium 2023, AC Marriott Hotel, Kingston, May 15, 2023.
- **Webster S, Shirley S**. “Histopathologic Findings in Clinical Acute Appendicitis: the University Hospital of the West Indies Experience in the Era of Computed Tomography” Poster presentation, CARPHA Annual Health Research Conference, Paradise Island, Bahamas, April 2023.

PUBLIC SERVICE

Dr. T. Gibson, Dr. J. Jaggon, Dr. K. Bishop, Dr. S. Shirley, Dr. R. Thompson, Dr. M. Bromfield, Dr. S. Spencer, Dr. S. Green and Dr. S. Webster

- *Pro bono Consultations*: Cytopathology Consultation for the Jamaica Cancer Society

Dr. S. Chin

- *Memberships*: (1) Jamaica Cancer Care and Research Institute; (2) Oncology Advisory Board, Expert Panel of Physicians, National Health Fund; (3) National Screening Guidelines Committee on Chronic Non-communicable Diseases, Ministry of Health & Wellness; (4) Advisory Committee, Cancer Commemorative Events, Non- Communicable Disease and Injury Prevention Unit, Ministry of Health & Wellness

Dr. D. Lowe

- *Chairman*: Cancer Technical Working Group, Ministry of Health and Wellness
- *Membership (Executive committee)*: Haemophilia Association of Jamaica
- *Board Member*: Leukaemia Care Foundation

Dr. D. McGrowder

- *Memberships:* (1) Accreditation Evaluation Committee, Jamaica National Agency for Accreditation (JANAAC); (2) Accreditation Council, JANAAC;

Dr. L. Dilworth

- *Board memberships:* (1) University Council of Jamaica (Chairman – Accreditation and Development Sub-Committee); (2) Council of Community Colleges of Jamaica; (3) North-East Regional Health Authority (NERHA)

Dr. D. Brady West

- *Membership:* National Bioethics Committee of Jamaica

AGILITY

INCOME GENERATION

Research Grants

- “A pilot investigation of the carrier rate of the X285K variant of *HOXB13* in Jamaican men with prostate cancer diagnosed at The University of the West Indies, Mona, and the associated clinical, pathological and genomic correlates”. **TN Gibson**, J Luo, B Morrison-Blidgen, W Aiken, **S Green**, **RK Thompson**, A Burnett, M Reid. *Patrick C. Walsh Foundation, Johns Hopkins University, U.S.A.* US\$ 50,000.00, April 2023–April 2024

Income-generating Clinical Laboratory Work

In September 2022, the department’s accredited laboratories were awarded re-accreditation to the ISO 15189:2012 Standard for a further four (4) years, by the Jamaica National Agency for Accreditation (JANAAC). Clinical service and income generating activities continued as follows:

Laboratories

Histology: 5,375 surgical cases (generating 31,699 tests) and 1,115 immunohistochemistry tests

Cytology: 1,562 gynaecological and 580 non-gynaecological cases

Cytogenetics: Closed temporarily due to reagent supply issues

Chemical Pathology: 120,874 tests

Routine Haematology: 101,130 tests

Blood Bank: 3,268 blood donors processed and 19,512 tests performed

Flow Cytometry: 46 tests (laboratory closed from April 2022–January 2023)

Autopsy Service

69 autopsies (24 perinatal and 45 adult cases)

A portrait of Professor Joseph Plummer, a Black man with short dark hair, wearing a white dress shirt and a blue patterned tie. He is looking directly at the camera with a neutral expression.

DEPARTMENT OF SURGERY, RADIOLOGY, ANAESTHESIA & INTENSIVE CARE

Professor Joseph Plummer, DM, FASCRS, FACS – Head of Department

WORK IN THE DEPARTMENT

The period under review saw the Department of Surgery, Radiology, Anaesthesia and Intensive Care (SURRADIC), like the rest of the University of the West Indies, enter the endemic phase of the COVID-19 with adaptation of our population to this new normal. We achieved the mandate of return to face-to face, nevertheless, there were some Departmental activities such as our multi-disciplinary meetings and some cross-teaching facilities lectures where the hybrid format persisted. Undergraduate teaching, fortunately, went back to full face-to-face teaching and this was reflected in the final MBBS examinations results with Mona being awarded the overall best MBBS Surgery performance across all campuses. More importantly, gratitude for the return of face-to-face teaching was also expressed by our students and lecturers who all know the importance of bedside clinical teachings to the MBBS outcome. The blended mode of delivery was honed by the full complement of staff and appreciated for its convenience and cost savings, especially our distributive method of clinical teachings to seven teaching hospitals across the island. The advance and cost savings of a virtual format was taken advantage of including some of our postgraduate examinations that are only written and oral components. It is therefore true that some increase interactions in the virtual world will remain a gift from the COVID-19 compared to the pre-pandemic era including the various multidisciplinary meetings. The same can be said about the widely used Zoom platform. This increase in the availability and use of technology allows for greater consultation and collaboration in teaching, clinical care, and research, again to our advantage of cost savings while increasing quantity and maintaining quality.

Our research efforts continue to lag behind the Campus average and this is recognised not only by the Department members but also by the Faculty and Campus leaders. Nevertheless, our collaborative research activities saw three members of the Department being honoured by the Campus for outstanding research activities. There are several Faculty wide initiatives that once active, will bear fruit in the upcoming years.

Again we continue to amass data in our various databases and the small but continued increase in publications of residents' clinical research projects is a good and welcome development, reflecting and reinforcing the academic nature of these programmes. The Department is actively engaging in funded inter-departmental and inter-university funded collaborative research and we are sure that with this and increased faculty and postgraduate student engagement, our research output will not only increase in numbers but also in impact factor.

One major initiative launched during the year under review was the Prof Hon Sir John Golding Endowed Chair in Surgical Leadership and Education in conjunction with the Golding Family and the Ministry Health and Wellness. This aims to be a fully funded endowment that will guide postgraduate surgical training, and should be a catalyst for similar initiatives in this our 75th anniversary year. Based on the commitment by the various stakeholders, we are well on our way for achieving the targeted \$150 million needed to install this professor.

Care was also taken to reduce the impact of burn-out and mental health issues in staff and our postgraduate students with a liberal 'time off' approach. Additional measures included publicising information about seminars for the optimisation of coping skills and regular reminders about access to counselling services. Gender issues were also ventilated and in keeping with the University's policy, we aim to create a safe workspace where all rights are respected.

Now with the COVID-19 pandemic firmly behind us, its lessons learnt, and its induced advantages retained, the Department of SURRADIC is now appropriately poised and returned to its core functions: teaching and education, research, clinical services, and outreach and infrastructure aligned with the University of the West Indies' guiding pillars of, Access, Alignment and Agility.

ACCESS

TEACHING AND EDUCATION

During the year under review our attention to our students focused on ensuring that we were graduating the student with the clinical skills the medical fraternity had grown to expect from the UWI. Emphasis was placed on face clinical teaching for our undergraduate students and more emphasis on competency based training in the clinical and simulated clinical environment for our postgraduates. Again at the undergraduate level emphasis was placed on strengthening our clerkships, including the assessment processes. The various clinical clerkships progressed well culminating with the final MBBS examinations which were a success with

greater than 90 percent of students achieving a pass and several with honours and distinctions. Mona students once again received all the significant Surgery Prizes across the Campuses.

The following students were awarded DM degrees:

Anaesthesia and Intensive Care

Dr Gabrielle Scarlett
Dr Natalee Meikle-Henry
Dr Nicolette Thompson
Dr Sonjay Reid

Cardiothoracic Surgery

Dr Ramon James

Emergency Medicine

Dr Denise Hibbert
Dr Elesia Powell-Williams
Dr Jarema Patrick
Dr John Haye

General Surgery

Dr Chris-Wayne Swaby
Dr Cordell Green
Dr Eli McDaniel
Dr Kemba Peters
Dr Richard Shaw

Neurosurgery

Dr Renee Cruickshank
Dr Tasha-Kay Walker-Palmer

Orthopaedic Surgery

Dr Mario Thomas
Otolaryngology
Dr Celois Lawrence
Dr Davinia Passley
Dr Josemar Cuffe
Dr Ryan Lodenquai

Paediatric Surgery

Dr Odayne Steele
Dr Orville Morgan

Radiology

Dr Aundre Roberts
Dr Chinelo Holder
Dr Erica Shaw
Dr Lisanne Levy
Dr Nasheva Palmer
Dr Nikkara Gibson
Dr Wendy Campbell

Urology

Dr Nichelle Whyte

RESEARCH

Our efforts at clinical research in the Department remains at an active effort and actively making efforts to ensure that each clinical research project produced by our residents is published in conjunction with the clinical supervisor.

Data entry in the various Registries (Trauma, Colorectal Cancer, Brain Tumour) continues as did our efforts to convert all the captured data into Redcap. As these databases continue to accumulate data, it is hoped that we shall see increased publications by virtue of awareness and usage.

Our collaboration with partners for two clinical trials are ongoing:

- *Use of Dibenzyl Trisulphide (active ingredient in Guinea Hen Weed) as a Chemotherapeutic Agent in the treatment of Stage Four Cancer, and*
- Management of chronic leg ulcers in patients with sickle cell disease.

Registries

Trauma Registry/Redcap

A total of 1,394 patient records have been entered in the Redcap database. Data entry and edits are ongoing.

Colorectal Cancer Registry

A total of 2,282 patients have been entered.

Intracranial (Brain) Tumor Registry

A total of 1,418 cases have been entered.

Clinical Services

The Department's overall activities are back to pre-Covid-19 levels, with the important difference being an emphasis on more efficient care, especially with the resource pinch that we continue to experience. The University and members of SURRADIC faculty remain firmly committed in providing evidence- based high quality health care at the tertiary and quaternary level. Our Radiology Division saw increased investments in modern diagnostic and interventional technologies while Emergency Medicine and Anaesthesia and Intensive Care Divisions continue to provide the high quality service expected. There continues to be success in major surgeries such as our involvement in liver transplantation and should be commended, however, leveraging these successes remains a challenge. In order for the faculty to excel, this must happen, and the Department is aware of this.

STAFFING

Promotions & Retirements

- Dr Jean Williams-Johnson – Professor of Emergency Medicine
- Dr Lizette Mowatt – Professor of Ophthalmology
- Dr Marina Scarlett – Retirement
- Dr Wayne West – Retirement

Employee Development

- Dr Belinda Morrison-Blidgen – PhD candidate in Epidemiology at CAIHR
- Dr Gareth Reid – reading for the Masters of Science in Epidemiology at CAIHR

- Dr Derria Cornwall – reading for the Masters of Science in Epidemiology at CAIHR

AWARDS

- Dr Ingrid Tennant – PhD in Epidemiology
- Dr Akil Baker – MS in Applied Statistics
- Professor Williams Aiken – UWI Research Award
- Dr Deanne Soares – UWI Research Award.
- Dr Kelvin Ehikhametalor – UWI Research Award

PUBLICATIONS

Refereed Journal Articles

- **Newnham MS**, Dan D, Maharaj R, **Plummer JM**. “Surgical training in the Caribbean: The past, the present, and the future”. *Front Surg*. 2023 Jun 16;10:1203490. doi: 10.3389/fsurg.2023.1203490. PMID: 37396294; PMCID: PMC10311995.
- Magan P, Chin See C, **Clarke D**, Patel F, Senn D. “Correction: Rupture of the Tibialis Posterior Tendon with Associated Bimalleolar Ankle Fracture”. *Cureus*. 2023 Jan 15;15(1):c95. doi: 10.7759/cureus.c95. Erratum for: *Cureus*. 2022 Nov 25;14(11):e31886. PMID: 36655158; PMCID: PMC9841553.
- Valentine H, **Aiken W**, **Morrison B**, Zhao Z, Fowle H, Wasserman JS, Thompson E, **Chin W**, **Young M**, Clarke S, Gibbs D, Harrison S, McLaughlin W, Kwok T, Jin F, Campbell KS, Horvath A, Thompson R, Lee NH, Zhou Y, Graña X, Ragin C, Badal S. “Expanding the prostate cancer cell line repertoire with ACRJ-PC28, an AR-negative neuroendocrine cell line derived from an African-Caribbean patient. *Cancer Res Commun*. 2022 Nov;2(11):1355-1371. doi: 10.1158/2767-9764.crc-22-0245. Epub 2022 Nov 7. PMID: 36643868; PMCID: PMC9836004.
- Magan P, Chin See C, **Clarke D**, Patel F, Senn D. Rupture of the Tibialis Posterior Tendon With Associated Bimalleolar Ankle Fracture. *Cureus*. 2022 Nov 25;14(11):e31886. doi: 10.7759/cureus.31886. Erratum in: *Cureus*. 2023 Jan 15;15(1):c95. PMID: 36579223; PMCID: PMC9790175.
- Cunningham-Myrie C, Theall KP, Younger-Coleman N, Wiggan J, McFarlane S, Francis D, Bennett N, Tulloch-Reid M, Ferguson TS, Davidson T, Govia I, Guthrie-Dixon N, **Aiken W**, Grant A, Webster-Kerr K, Wilks R. Who moves in vulnerable Caribbean neighborhoods? Positive deviance for physical activity: Findings from the Jamaica health and Lifestyle Survey 2017 (JHLS III). *Prev Med Rep*. 2022 Sep 21;30:101998. doi: 10.1016/j.pmedr.2022.101998. PMID: 36189127; PMCID: PMC9519374.

- Fisher LA, **Stephenson S**, Reid MT, Anderson SG. Acute kidney injury following cardiopulmonary bypass in Jamaica. *JTCVS Open*. 2022 May 31;11:161-175. doi: 10.1016/j.xjon.2022.05.012. PMID: 36172431; PMCID: PMC9510884.
- **Tennant IA**, Hull DM, Fagan MA, Casaletto KB, Heaton RK, James Bateman C, Erickson KI, Forrester T, Boyne M. Assessment of cross-cultural measurement invariance of the NIH toolbox fluid cognition measures between Jamaicans and African-Americans. *Appl Neuropsychol Adult*. 2022 Sep 27:1-9. doi: 10.1080/23279095.2022.2126939. Epub ahead of print. PMID: 36167328.
- Peters KA, **Roberts PO**, **Cornwall DA**, **Mitchell DI**, Thompson RK. Clinico-pathological Factors Affecting Breast Cancer Survival in Jamaican Women: A Retrospective Review. *J Racial Ethn Health Disparities*. 2023 Apr;10(2):844-858. doi: 10.1007/s40615-022-01273-y. Epub 2022 Mar 9. PMID: 35266120.
- Thompson DS, Francis-Emmanuel PM, **Barnett AT***, Osmond C, Hanson MA, Byrne CD, Gluckman PD, Forrester TE, Boyne MS. The effect of wasting and stunting during severe acute malnutrition in infancy on insulin sensitivity and insulin clearance in adult life. *J Dev Orig Health Dis*. 2022 Dec;13(6):750-756. doi: 10.1017/S2040174422000034. Epub 2022 Mar 1. PMID: 35229708.
- Hlaing SS, Field AY, **Mowatt LL**, Yee HL, Noguera CM, Palmer GL, Mattis AC, Nelson CC, Fleming JC. “Pachydermoperiostosis with bilateral ptosis and its associated systemic comorbidities: a rare case report”. *Pan African Medical Journal*. 2023 Jun 20;45:88. doi: 10.11604/pamj.2023.45.88.38964. PMID: 37663630; PMCID: PMC10474806.
- Jordan VA, **Mowatt LL**. “Vision-related quality-of-life in Jamaican glaucoma patients at Kingston Public Hospital”. *Int J Ophthalmol*. 2022 Nov 18;15(11):1791-1797. doi: 10.18240/ijo.2022.11.09. PMID: 36404962; PMCID: PMC9631198.
- **Mowatt L**, Foster T, Mullings J. “The Impact of Visual Impairment on the Quality of Life of Diabetic Patients Attending the University Hospital of the West Indies”. *West Indian Med Journal*. Jan 2023; 69 (9):599-605.
- Debbie Thompson, Kimberley McKenzie, Asha Badaloo, Carolyn Taylor-Bryan, **Ingrid Tennant**, **Deanne Soares**, Terrence Forrester, Michael Boyne “Faster rehabilitation weight gain is associated with liver fat in adult survivors of childhood severe acute malnutrition.” *World Nutrition* (2022) 13 (4), 5-14, <https://doi.org/10.26596/wn.20221345-14>

Non-Refereed Publication

- **Professor Jean Williams-Johnson**- <https://www.futurelearn.com/courses/how-to-improve-care-for-the-elderly> Developed in conjunction with the Office of Online Learning and the Office of Global Affairs; Office of the Vice-Chancellor, The University of the West Indies.

ALIGNMENT

PAPERS PRESENTED

Major Conferences/Seminars

- **J. Plummer** “Development of a Cancer Centre in Jamaica”. 10th Annual Scientific Meeting, Caribbean Society of Endoscopic Surgeons (CASES) Nov 10–12, 2022
- **J. Plummer** “Residency Training and its Future” Caribbean Neurosciences Symposium, Half Moon Resort, Montego Bay, Jamaica, Feb 9–12, 2023
- **J. Plummer** “Surgical Training at the UWI” The 14th Annual University of the West Indies’ Medical Alumni Association (UWIMAA) Meeting, June 2023
- **W. Aiken** “Practical Approach to the Management of Chronic Male Pelvic Pain”, Jamaica Urological Society Annual Symposium, Jamaica Pegasus Hotel, March 5, 2023
- **Newton D. Duncan** “Attending to the Caribbean’s Child Health Needs through Surgical Education”. 35th Annual Sir Harry Annamunthodo Memorial Lecture: Association of Surgeons in Jamaica 64th Annual Scientific Symposium, The Summit, May 21, 2023
- **Mowatt L.** “Ophthalmological Profile of patients with Sickle Cell disease at the University Hospital of the West Indies”. 34th Annual Congress of the Ophthalmological Society of the West Indies, July 14, 2023, Bascom Palmer Eye Institute, Miami, Florida
- **Mowatt L.** “DM Ophthalmology 20 years strong”. 34th Annual Congress of the Ophthalmological Society of the West Indies, July 13, 2023, Bascom Palmer Eye Institute, Miami
- **Mowatt L.** “Retinopathy of Prematurity – The next mountain to climb”. Pediatric Preventable Blindness Symposium (PPBS). July 12, 2023. Bascom Palmer Institute, Miami, Florida
- **Mowatt L.** “Sunlight, Light Pollution and the Eye”. Medical Association of Jamaica (MAJ) Conference (Virtual) June 10, 2023
- **Mowatt L.** “Retinopathy of Prematurity; Then and Now”. 13th Annual Ophthalmological Society of Jamaica (virtual), March 19, 2023
- **Mowatt L.** “Ocular Signs of Stroke”. 21st Caribbean Neurosciences Symposium, Half Moon Resort, Montego Bay, Jamaica, Feb 9–12, 2023
- **Mowatt L.** “Retinal Manifestations of the Covid 19 vaccine”. 33rd Annual Congress of the Ophthalmological Society of the West Indies, July 9, 2022, Antigua

- **Mowatt L.** “Choroidal Imaging: What lies beneath?” 33rd Annual Congress of the Ophthalmological Society of the West Indies, July 8, 2022, Antigua
- **Deanne Soares** “Self Care: Burnout and other maladies afflicting physicians, healthcare workers and other humans” Global Health Research Workshop, Wayne State University, Detroit, U.S.A., Global Health Research Collaborative, (virtual) July 2022
- **B. Morrision-Blidgen** “Prostate Cancer and Sickel Cell Disease – Is there and Association?” Jamaica Urological Society Annual Symposium, Jamaica Pegasus Hotel, March 5, 2023
- **Shuvra Dasgupta** “Pain in Sickel Cell Disease”. Sickel Cell Unit in association with the Caribbean College of Family Physicians, (virtual symposium) Sept 3, 2023
- **Romayne Edwards** “Management of Cardiac Arrest in the Emergency Department”. (virtual), Heart Foundation of Jamaica’s symposium. August 23, 2023
- **Simone Dundas Byles** “Reclaiming our Time 2: Better Time management for Busy Medics”. Spanish Town Hospital CME Meeting. March 30, 2023
- **Simone Dundas Byles** “Neonatal Circumcision”. Winchester Surgical & Medical Institute, Kingston, October 29, 2022
- **M Christmas** “Platelet-Rich Plasma versus Corticosteroid Injections in the Management of Rotator Cuff Tendinopathies”. Jamaican Orthopaedic Association 25th Annual Conference May 6–7 2023, Jamaica Conference Centre
- **W Palmer** “Rotator cuff tears” Jamaican Orthopaedic Association 25th Annual Conference May 6–7 2023, Jamaica Conference Centre
- **W Palmer** “Reverse Shoulder Arthroplasty”. Jamaican Orthopaedic Association 25th Annual Conference May 6–7 2023, Jamaica Conference Centre
- **A Ameeraly** “Management of Extra-articular Deformities in Total Knee Replacement” Jamaican Orthopaedic Association 25th Annual Conference May 6-7 2023, Jamaica Conference Centre
- **A Ameeraly** “Stiffness after Total Knee Arthroplasty”. The Caribbean Association of Orthopaedic Surgeons 17th Annual Conference, Oct 2022
- **O Samuels** “The Utilisation of the trochanteric Cable plate in Hip Arthroplasty and Reconstruction” The Caribbean Association of Orthopaedic Surgeons 17th Annual Conference Oct 2022
- **P. Roberts** “Genetic testing for Breast Cancer in Jamaica” The Association of Surgeons in Jamaica, 64th Annual Clinical Symposium, The Summit, May 19–21, 2023
- **S. Stephenson** “Renal Failure post open-heart procedures at UHWI”, The Association of Surgeons in Jamaica, 64th Annual Clinical Symposium, The Summit, May 19–21, 2023

- **P. Pinkney** “VATS Lobectomy – A Video Presentation” The Association of Surgeons in Jamaica, 64th Annual Clinical Symposium, The Summit, May 19–21, 2023
- P. Ho and **R. Venugopal** “Comparing Outcomes of Dressings in Sickle Cell Disease” (Winner of Resident Presentation), The Association of Surgeons in Jamaica, 64th Annual Clinical Symposium, The Summit, May 19–21, 2023
- C Heywood, S Ramkumar and **R Venugopal** “Breast Reconstruction Post Mastectomy – Guyana’s First Case”, The 21st Annual Caribbean College of Surgeons’ Scientific Conference, Belize, July 13–16, 2023.

Posters

- Yap J, **Mowatt L.** “To see or not to see. That is the question. (Traumatic optic neuropathy)”. 33rd Annual Congress of the Ophthalmological Society of the West Indies. Royalton Antigua Hotel, Antigua. July 9, 2022.

PUBLIC SERVICE

Professor Joseph Plummer

- Council Member, Association of Surgeons in Jamaica
- Board Member, University Hospital of the West Indies

Professor William Aiken

- Board member, Medical Council of Jamaica
- Member, Expert Panel of Physicians, National Health Fund
- Member, Clinic Committee, Jamaica Cancer Society
- Past President, Association of Surgeons in Jamaica
- Committee member, Caribbean College of Surgeons
- International Surgical Advisor for Jamaica, Royal College of Surgeons of Edinburgh
- District Governor nominee, Rotary District 7020
- Volunteer Doctor for the Jamaica Cancer Society Prostate Cancer Screening Outreach

Professor Lizette Mowatt

- Immediate Past President of the Ophthalmological Society of Jamaica (OSJ)
- Co-Chairman – National Technical Working Group on Eye Health (NTWG), Ministry of Health and Wellness (MOHW)
- Chairman – Diabetic Retinopathy (DR) Sub Committee of the NTWG, MOHW

- Member – Retinopathy of Prematurity sub-committee of the NTWG, MOHW
- Member – Amendments of the Optometry Act sub-committee of the NTWG, MOHW
- Member – Rapid Assessment of Avoidable Blindness (RAAB) sub-committee of the NTWG, MOHW

Professor Jean Williams-Johnson

- Member Board of Management of the Caribbean Poison Information Network (Deputy Chairman/Hon Secretary).
- Member Board of Management of the John Rufus Williams Education Trust (Hon secretary)

Dr Mark Newnham

- Chair, Specialty Board in Surgery
- Governor, American College of Surgeons (Jamaica Chapter)
- Course Director, Advanced Trauma Life Support (Jamaica)
- Past President, Association of Surgeons in Jamaica
- Member, Caribbean College of Surgeons
- Vice President, Jamaica Golf Association
- Multi Division and National Representative – Golf – Jamaica
- Defending Senior Golf Champion, Caribbean Golf Champion

Dr Carl Bruce

- University Hospital Board of Management
- Executive member, Jamaica Athletics Administrative Association
- Chairman, Medical/Clinical Committee, UHWI
- Representative for Athletic Integrity Commission of International Amateur Athletics Federation
- Board member, Mona Health Services, UWI

Dr Shuvra Dasgupta

- Board member of the National Resuscitation Council

Dr Rhonda Hutson

- President of Jamaica Association of Sports Medicine

Dr Kelvin Ehikhametalor

- Member – National Clinical working group of the Ministry of Health and Wellness COVID-19 Taskforce

Dr Wayne Palmer

- President, Jamaica Cycling Federation

Dr Anthony Roberts

- President, Association of Surgeons in Jamaica

Dr Orville Samuels

- President Jamaican Orthopaedic Association

Dr Andrew Ameerally

- Vice-president Jamaican Orthopaedic Association

AGILITY

GRANT

Research: Corticosteroid vs Platelet-Rich Plasma Intra-articular Injections in the Treatment of Knee Osteoarthritis in Patients Fifty Years and Older: A Look at Pain and Functional Outcomes at a Single Institution.

Researchers: **W Palmer**, R Nelson

Grant Amount received: **JA\$336,153.50**

Institution providing funding: Tony Thwaites Wing of University Hospital West Indies.



THE UWI SCHOOL OF NURSING (UWISON), MONA

Dr Dawn A. Munroe, PhD, M.A., RN, RM – Head of Department

WORK OF THE UWI SCHOOL OF NURSING, MONA (UWISON)

The activities of the UWI School of Nursing, Mona (UWISON) during the 2022/2023 period were guided by its continued mission to prepare market-ready graduates through the provision of quality graduate and nursing education in response to global health priorities. The UWI's Triple "A" Strategy provided the strategic framework for the School's operations.

ACCESS

STUDENT ENROLMENT

The operations of the school placed emphasis on increasing enrolment in graduate, and micro-credentialing courses, and achieving the regulatory cap of 180 undergraduate students. Several strategies were initiated to increase enrolment in the graduate programme. First, we sought to understand the factors contributing to deferrals among eligible applicants to the Master of Science in Nursing (MScN) programme. The major factor identified was the barrier posed by the requirement for nurses to reside in physical proximity to the Mona Campus to access in-person learning experiences. Subsequently, revisions to the curriculum were initiated to align teaching and assessment methodology with distance learning modality. The second strategy was leveraging regional and international partnerships to advertise the programme and engage in an aggressive recruitment drive. Resulting from this drive, a memorandum of understanding is being drafted with collaborators within and external to the Caribbean to train and educate Mental Health Nurse Practitioners and Family Nurse Practitioners. Deliverables from these MOUs will be actualized in the 2024/2025 academic year. An important spinoff from the pending MOUs is the opportunity to diversify graduate student experiences by including partially funded international clinical experience.

To optimize undergraduate student enrollment at Mona and the Western Jamaica Campus (WJC), we processed applications during the early and late periods facilitated by the Registry. Recognising the financial hardship experienced by students, we secured two scholarships of UD\$5,000.00 through international collaborations. Whereas the student population did not increase significantly, there was neither a decline. Further, efforts to increase male enrollment increased marginally from 18 in the previous academic year to 27 in the 2022/2023 year.

Table 1: Comparative Student Populations for Academic Year 2021/2022 and 2022/2023

Programmes	Student Population					
	2021/2022			2022/2023		
	Female	Male	Total	Female	Male	Total
BSN Mona	606	18	624	598	27	625
BSN Franchise Programmes	657	34	691	684	36	720
BSN Post RN	60	6	66	52	8	60
MScN	47	1	48	47	1	48
MPhil/PhD	14	1	15	12	1	13
GRAND TOTAL	1384	60	1444	1393	73	1466

TEACHING AND LEARNING

Teaching and learning occurred face to face for the pre-licensure undergraduate programme, online for the post Registered Nursing programme and hybrid (face to face and remote) for the MScN programme. Theory-based courses were delivered remotely, and practice-based courses were delivered and assessed face to face. All lecturers received a student evaluation score of 4.0 and above and three (3) received the Guardian Life Outstanding Teacher Award: Dr. Antoinette Barton-Gooden, Mrs. Mauvette Waite, and Dr. Jermaine Whyte. Additionally, their comments at student-staff liaison meetings indicate that most students were satisfied with the quality of teaching.

Maintaining quality in the clinical learning experience remains a priority. Thus, efforts to recruit additional qualified adjunct clinical preceptors continued. During the 2022/2023 period, five (5) new preceptors were employed to support clinical teaching. This is considered a success given the proportion of experienced nurses lost from the Jamaican health system through migration. Thus, the workload of full-time staff increased significantly, contributing to reports of staff burnout during the second semester and summer term. Strengthening simulation enhanced learning was also prioritized. A grant of US\$6,000.00 was secured from a nursing alumnus to

purchase task trainers to be used for medium fidelity learning. The School's budget plan also allocated funds to purchase simulators and through an international donor, the School is set to benefit from a free high fidelity simulator.

Students' Achievements

The graduating class of 2023 sat the Regional Examination for Nurse Registration (RENr) in April 2023. A significant increase over the 2022 success rate of 85% was achieved, as 97% of the graduates were successful. This success rate is partially attributed to a robust RENr review programme implemented by the UWISON team.

Academic Awards

At UWISON, students are usually rewarded for overall academic performance, professionalism, interpersonal interaction, and leadership. Rewards included letters of commendation, gift certificates, certificates of achievement, enrollment into the Dean's list and Honour Society of the Faculty of Medical Sciences, and scholarships. Forty-six (46) students were added to the Dean's list based on their achievement of a GPA of 3.6 and above. Of this number, 11 were inducted into the Honour Society, having attained the highest overall GPA for their respective year groups (Table 2). The four (4) nominees for Top Graduated were: Ms. Sadioka Smith, Ms. Catherianna Simms, Ms. Dominique Reece, and Ms. Britney Clarke. Ms. Sadioka Smith was named the 2023 Valedictorian for the Faculty of Medical Sciences. This is the first time in the history of UWISON that a nursing graduate has been named Valedictorian.

Students were also awarded scholarships based on overall academic performance and engagement in community service. Scholarships, donated by Nursing Alumni covered partial tuition. For the 2021/2022 period, scholarships totaled approximately **\$2,472,160.00 (JMD)**, with the largest sum being awarded to second- and third-year students (Table 2).

For the first time in the School's history, three (3) candidates completed the Doctor of Philosophy in Nursing: Dr. Joyette Aiken (with High Commendation), Dr. Antoinette Barton-Gooden, and Dr. Tania Rae; all of whom are members of the UWISON's academic staff. Dr. Aiken's qualitative study explored, "*The patient-care-giver dyadic experiences of heart failure in Jamaica*". Dr. Barton-Gooden's study examined, "*Smoking and predictors of health-related quality in adults with sickle cell disease*", and Dr. Rae's intervention study investigated, "*High fidelity simulation in the BScN curriculum: Effect on year II students' self-confidence and anxiety during clinical decision-making*".

Table 2: Students' Accomplishments

Year Group	AWARDS FOR EXCELLENCE		SCHOLARSHIPS AND BURSARIES
	FMS Honour Roll	Outstanding Graduand	USD
1	15	n/a	—
2	12	n/a	7,500.00
3	9	n/a	8,500.00
4	4	2	—
TOTALS	52	2	16,000.00

PUBLICATIONS

Peer Reviewed Articles

- **Lynch, M.**, Gordon-Singh, S., Aiken, J.& Garvey-Henry, J. (2022). The effects of COVID on Health Literacy. Scholars Central: *Journal of Health Sciences*, 21-47237
- **Lynch, M.** (2022). The Coexistence of Non-communicable Diseases and Mental Health Illness Among Persons and the Screening Practices of Doctors and Nurses in two (20 Jamaican Hospitals. *Scopus Journal of Positive Psychology and Wellbeing-Q2*, ISSN: 2587-0130
- Pierre, R., Garbutt, A., & **Walker, M** (2022). The Faculty of Medical Sciences, Mona, Board Sub-committee on student progression: Development and outcomes. *The UWI Quality Education Forum*, 26, 183–190
- **Wright, D.** (2023). Nutritional care and intervention in Spinocerebellar ataxia. In Ataxia- Practice Essentials and Interventions in Bozzetto, P. (ed.). *Ataxia - Practice Essentials and Interventions*. IntechOpen. doi: <https://doi/10.5772/IntechOpen.111734>

Abstract

- Barton-Gooden, A., **Garvey-Henry, J.**, Benskin, L. (2023). Sickle cell leg ulcer improvised “available technology dressing”: An intervention study. *West Indian Medical Journal* 2023; 70 (Suppl. 2): 82.

Other Publications

Books & Book Chapters

- **Lynch, M.A.** (2023). Trusting in His Timing: A 7-Day Devotional. Amazon KDP, USA. Retrieved from <https://a.co/d/jdhhuU6>
- **Lynch, M.A.** (2023). How To Improve Your Mental Focus for Success. Amazon KDP, USA. Retrieved from <https://a.co/d/6PgdlLa>

ALIGNMENT

UWISON is completing its third year in its four-year designation as a PAHO/WHO Collaborating Centre (PAHO/WHO CC) for Nursing and Midwifery Development in the Caribbean and was redesignated a Best Practice Spotlight Organisation (BPSO) by the Registered Nurses Association of Ontario (RNAO) in 2022. These designations have created research and practice partnerships with the UHWI, a BPSO for clinical nursing practice, the University of Ottawa, other BPSOs globally, PAHO/WHO, Health Ministries of CARICOM countries, other Collaborating Centres globally, Clinical partners and Universities. The respective designation aligns the activities of the School with global health priorities and international best practice guidelines in nursing education. Through its WHO designation, the School provided consultation on behalf of PAHO Jamaica for the development of strategic plans for Nursing and Midwifery in Jamaica and the Bahamas.

During the 2022/2023 period, through the WHO Collaborating Centre, UWISON's collaborations included the following:

- University of Alabama at Birmingham School of Nursing PAHO/WHO CC for the Global Health symposium held on September 26-30, 2023 and to
 - evaluate the integration of service learning in the BSc curriculum
 - present finding at the PAHO Research Colloquium at the University of Miami in November 2022
 - sign an MOU for research and scientific meetings, staff and student exchange & curriculum development (inter alia).
- The University of Miami for Panel discussion on The status of nursing research in the Caribbean (PAHO Research Colloquium November 2022)
- The Registered Nurses Association of Ontario to conduct a EBP workshop during our annual Nursing and Midwifery Research Conference in May 2023
- WHOCC UPENN, UWISON (Mona & St. Augustine). Evaluation of the Nursing Work environment in primary healthcare services in the English-Speaking Caribbean
- MOU Columbia University, International Student Exchange

Locally, UWISON continues to align its operations with the *Standards, Criteria, Evaluation, and Approval Processes* of the Nursing Council of Jamaica. Thus, having relocated to the Mary Jane Seivwright Building in April 2022, we redoubled efforts in collaboration with the wider UWI to narrow gaps in the physical and human resource infrastructure in the provision of quality nursing education.

In keeping with the strategic goal to create opportunities for student and staff engagement in representing the UWI locally, regionally and internationally, the

School hosted the 33rd Annual Nursing and Midwifery Research Conference & the 34rd Mary J. Seivwright Day (virtual edition) May 25–26, 2023. The theme for this Conference was “*Sustainable & Evidence-Based Nursing and Midwifery Education: Create, Innovate and Energize.*”. As a part of the UWI’s 75th anniversary celebration, one segment of the Conference highlighted and celebrated the contribution of all previous Heads of UWISON. The conference was attended by over 301 participants from local and international healthcare professional communities, and over 14 research papers were presented. Four nurses presented innovated projects that were implemented in their respective work environment (hospitals).

Among the distinguished attendees were the Dean, FMS, Professor Minerva Thame, Pro Vice Chancellor and Principal, UWI Mona, Professor Dale Webber, the Chief Nursing Office in the Ministry of Health and Wellness, Mrs. Patricia Ingram-Martin, the President of Nurses Association of Jamaica, Mrs. Patsy Edwards-Henry and Mr. Ian Stein, PAHO/WHO Representative to Jamaica, Bermuda and the Cayman Islands. The keynote speaker, Dr. Barbara Howard-Hunt, Associate Professor for Student Engagement and Diversity at the University of Birmingham, addressed the conference on current issues pertaining the capacity of nursing and midwifery to achieve universal health coverage. The Conference was among several avenues through which the School’s research output UWISON was showcased.

PAPERS PRESENTED

- **Agu, Chinwendu. F.** (2023, Feb 28–March3). *Emerging Viral infectious disease preparedness and response: Some contemporary issues surrounding Viral infection* [Conference Presentation]. Nursing and Midwifery Council of Nigeria, Ebonyi State Chapter.
- **Chisholm-Ford, S., Silvera, H., Waite, M., Henry, P.** (2023, July 7). *HELP! Our Nurses are Leaving, Please Stop the Hemorrhage* [Conference Presentation]. ICN Congress 2023, Montreal, Canada.
- **Duberry, N., Garvey-Henry, J. & Anderson-Johnson, P.** (2023, May 25–26). *Communication between patients and their healthcare providers regarding herbal medicine use in the three primary healthcare clinics in Montserrat* [Conference Presentation]. The 33rd Annual Nursing and Midwifery Research Conference & 34rd Mary J. Seivwright Day. The UWI School of Nursing, Mona, Jamaica.
- **Munroe, D., Mullings, J** (2023, November 9–11). *Caribbean nursing research: A capacity building initiative* [Conference Presentation]. The XVII Pan-American Nursing Research Colloquium, University of Miami, Florida, USA.
- **Markaki, A. & Munroe, D.** (2023, November 9–11). *Operationalizing nursing and midwifery education quality improvement: Sustainability in action* [Conference Presentation]. The XVII Pan-American Nursing Research Colloquium, University of Miami, Florida, USA.

- Hammond, S., **Munroe, D., Henry-Ferguson, V., Walker, M., Wade, N., Rae, T., Ellis, A., Markaki, A.** (2023, November 9–11). *Building Capacity for service learning in nursing curricula: A quality improvement pilot* [Conference Presentation]. The XVII Pan-American Nursing Research Colloquium, University of Miami, Florida, USA.
- **Silvera, H.,** Jackson-Scarlett, J., Hyde-Alison, L., Baker-Hinds, I., Sylvester, A., Anglin-Allie, P., Maitland, S (2023, July 13). *Patients' satisfaction with maternity care in Jamaica* [Conference Presentation]. The 69th (2023) Nurse Practitioner Seminar. Trelawny, Jamaica.
- Facey, D., **Silvera, H., & Garvey-Henry, J.** (2023, July 11–14). *Perception of health professionals toward nurse practitioners' competencies and quality of patient care in Kingston & St. Andrew.* [Conference Presentation]. The 69th (2023) Nurse Practitioner Seminar. Trelawny, Jamaica.

PUBLIC SERVICE

Members of staff are engaged in varying public service initiatives as follows:

- **Agu, Chinwendu:** Member, Equity, Diversity and Inclusion Committee
- **Aiken, Joyette:** Reviewer of the Journal of Patient Experience, SAGE Publishing
- **Anderson-Johnson:** Co-Director, PAHO/WHO Collaborating Centre, PAHO Consultant to the Ministry of Health & Wellness, Jamaica
- **Ashman, Chez:** Member, Community Service Committee, The Rotaract Club
- **Chisholm-Ford, Sandra:** Secretary for the Omega Kappa Chapter of Sigma 1st Vice President and Chairperson for the Research Committee of the Nurses Association of Jamaica
- **Deslandes, Veroína:** Member, Faculty of Medical Sciences' Interprofessional Outreach Committee
- **Garriques-Lloyd, Sheryl:** President Omega Kappa Chapter, Sigma Theta Tau International Honor Society of Nursing; President, HAS Executive, St. John the Baptist Kinder-Preparatory Home School Association (HSA); Co-opted Member, Policy, Research and Publication Committee (NCJ); Deputy Chair and Council Member, Nursing Education Special Interest Group (NAJ); Mentor, The A-STREAM (Advancement of Secondary/Tertiary Remedial Education for Adolescent Mothers), Women's Centre of Jamaica Foundation
- **Lynch, Monique:** Vice President of the Seaview Gardens District Consultative Committee under the Ministry of Justice and the COVID-19 Community Mental Health Responder, Ministry of Health and Wellness.
- **Moore, Shelly-Ann:** Deputy Chair of the Friends of Mona High School Committee

- **Munroe, Dawn:** Director, PAHO/WHO Collaborating Centre, PAHO Consultant to the Ministry of Health & Wellness, Jamaica
- **Pitter, Cynthia:** Member of the Women's Health Network; Representative of the Maternal Neonatal and Infant Health project; Counselor for Women in Crisis at Women Inc.; Nursing Consultant at the Golden Age Home; Member of the Nursing Council of Jamaica; Director of the Family Planning Association of Jamaica.
- **Rae, Tania:** Chairman, Simulation in Nursing Education Committee of the Nursing Council of Jamaica; Member, Policy, Research and Publication Committee (NCJ)
- **Rhoden-Salmon, Donnahae:** Co-convener of the support group for Single Mothers Raising Sons
- **Stewart, Deveree:** Key Member Advisory Committee for the Assessment of Midwifery Education in the Caribbean: A UNFPA/PAHO initiative; Member of the Board of Eve for Life, Jamaica; Public Health Educator, The Women's Health Network, Jamaica.
- **Waite, Mauvette:** Member, The Nurses Association of Jamaica Journal Committee; Chair, Membership Involvement Committee (Omega Kappa Chapter, Sigma Theta Tau International Honor Society of Nurses); Member, The Hope Valley Experimental Primary & Infant School (Board of Management).
- **Walker, Melissa:** Co-facilitator of a support group for children diagnosed with diabetes mellitus and their parents; Councilor of the Omega Kappa Chapter of the Sigma International Honour Society of Nursing
- **Waugh-Brown, Veronica:** Ministry of Justice; Justice of the Peace, Lay Magistrate, Association of St. James; Member, Child Diversion Programme, Ministry of Justice; Mentor Child Protection Committee, Cornwall Regional Hospital; Mentor / Trainer, PAHO Virtual Training on Leadership for Nurses in Jamaica.
- **Wright, Donnette:** Justice of the Peace, member of the Lay Magistrate Association and Parish Leader for the Kingston's Governor General Programme of Excellence Coordinating Committee. Member, National Food Industry Task Force; Member, Governor General Achievement Award Review Committee (Kingston); Member, Justice of Peace Interview Committee (Kingston); Mentor, Child Diversion Programme (Kingston); President, Ardenne Preparatory and Extension High School PTA; Chair, WIGUT Public Relations & Promotions Committee.

AGILITY

The School's operations continued to prioritise AG2 "*Foster a creative, caring, accountable, motivated, professional (CAMP) team*" and AG1 – "*Restore financial health to the UWI*".

INCOME GENERATION

The School's major income source is its self-financing model. Of the five (5) programmes offered by the School, 80% are self-financing. In addition, franchising of the BSc programme has raised over **80 million dollars** (Jamaican) in franchise fees. The local and global presence of the School has also created opportunities to obtain funding to support students' ability to pay tuition fees. We secured scholarships and bursaries to the tune of **USD16,000.00** and a donation of **USD 6,000.00** toward the procurement of equipment for the Clinical Learning Centre from international collaborations and graduate nurses. The School also reported a surplus of **\$124,524,968.89** from its BScN programme.

Creation of a Creative, Caring, Accountable, Motivated, Professional (CAMP) Team

The School boasts a mixture of highly skilled, qualified, creative staff that comprise the four-pronged Service, Technical, Administrative and Academic UWISON team. This team, amidst the challenges, maintained high levels of engagement and commitment to the key operational functions of the School. A retreat focusing on staff motivation and engagement was held in August 2022. Two activities to engage staff were held during the 2022/2023 period; however, sustaining acceptable levels of satisfaction in the workplace continues to be a challenge. Academic, Administrative, Technical and Service Staff received tokens in celebration of designated ATS and Nurses days. The team expressed great appreciation for the tokens they received.

FACULTY OF SCIENCE AND TECHNOLOGY

Mona

Year ending July 31, 2023



PROFESSOR MICHAEL A. TAYLOR
BSC, MPHIL, UWI, PHD, UNIVERSITY OF MARYLAND, COLLEGE PARK
DEAN

Dean's Overview

The Faculty of Science and Technology consists of the Departments of Chemistry, Computing, Geography and Geology, Life Sciences, Mathematics, and Physics, the Biotechnology Centre, the Natural Products Institute (NPI), the Earthquake Unit, and the Mona Institute for Applied Sciences.

The Faculty of Science and Technology (FST) began the 2022–2023 academic year with an enhanced approach to teaching, learning, research, administration, and general operations, capitalizing on the lessons learnt during the peak of the COVID-19 pandemic. The Faculty resumed in-person operations while maintaining some activities and course/program deliveries online as approved by the university's administration. A change in the Faculty's management team occurred as Dr. Sherene James-Williamson succeeded Prof. Donovan Campbell as the Head of the Department of Geography and Geology, and Dr. Daniel Fokum assumed the role of Associate Dean for Undergraduate Matters.

The Faculty's strategic goals and operations continued to align with the established vision of "Becoming the Go-To place for Science Education, Training, Research, and Solutions," resulting in several achievements aimed at ensuring the sustained growth of the Faculty, despite the prevailing challenges. The Faculty also strategically coordinated its operations to host a variety of events in honor of The UWI's 75th-anniversary celebrations, commencing in January 2023.

The summary table below offers an overview of the Faculty and its operations. The narrative that follows highlights the ways in which the Faculty worked to maintain, pivot and expand its efforts at Teaching and Learning, Research, Outreach, Communication, and Resource Mobilization in the post-COVID year.

Table 1: Overview of the FST, 2022–2023

AREAS	ACADEMIC YEAR	
	2022–2023	2021–2022
Undergraduate Students	2310	2475
Postgraduate students	326	319
Undergraduate programmes (majors/minors)	46/22	46/22

Undergraduate degrees awarded * (1st class, U2nd, L2nd, P)	387 (147M/240F) 55-146-140-46	476 (177M/299F) 80-204-136-56
Postgraduate degrees awarded (PhDs, MPhils, MScs, PGCERT/DIPG)	52 (2-5-45-0)	51 (11-5-34-1)
Staff (full time academics)	104	98
Staff (full time - all categories)	249	242
Research graduate programmes	31	31
Taught graduate programmes (MSc, Diplomas, PGCerts)	23 15, 5, 3	23 15, 5, 3
Faculty Publications (*with graduate students)	98 (*23)	120 (*31)
New external grants (number/value)	17/ J\$377,573,743	27/ J\$300,917,818
Outreach events	100	99

*As at October 31, 2023

TEACHING AND LEARNING

All departments returned to delivering courses and examinations primarily via the face-to-face modality, with a few still providing some online options with approval. The approach facilitated the gaining of practical skills necessary for the STEM fields, especially since it was observed that some advanced-level students faced challenges in executing the practical components of their courses. This was attributed to skills deficits resulting from pre-requisite labs only being offered online during the COVID years. Departments developed strategies to address these recognized shortcomings.

The academic year saw the introduction of new and revised course/program offerings designed for relevance and an enhanced student experience. The Department of Physics introduced two new free-elective courses, “Fundamentals of Energy Statistics” (PHYS2000) and “Energy Information Management” (PHYS3000). The Department of Chemistry gained approval for two new courses in Water Treatment (CHEM2420 and CHEM2421), along with a Radiochemistry course (CHEM2810), developed in support of the interdisciplinary BSc in Biomedical Radiation Sciences program. The Department of Computing revised nine courses for the BSc in Information Technology program and introduced a new course, Security Analysis and Digital Forensics (INFO3165). Additionally, three students received ‘free’ training from the International Software Architecture Quality Board (iSAQB) under the iSAQB/UWI agreement.

In the spirit of ‘One-UWI’, the Department of Geography and Geology embarked on cross-campus teaching collaborations with colleagues from the Department of Geography in St. Augustine. Students from St. Augustine were able to enrol in Mona’s Applied GIS and Remote Sensing Course as part of their Geographic Information Systems (GIS) minor, which was introduced during the 2022–2023 academic year.

Undergraduate students continued to be afforded internship opportunities with companies, including National Commercial Bank (NCB-UWI Agile Lab, etc.), Sagicor Jamaica Limited, PricewaterhouseCoopers Jamaica, Best Dressed Chicken, Port Authority of Jamaica, STATIN, Digicel, Grace Kennedy Limited, E-Gov Jamaica, Grid Dynamics, Petrojam Limited, Jamalco, J. Wray & Nephew Limited, Industrial Chemical Company (Jamaica) Ltd, Environmental Solutions Limited, Grace Food Processors (Canning) Limited, Bureau of Standards, Jamaica, Rainforest Limited, Berger Paints Jamaica Limited, Edgechem Limited, SEPROD Group of Companies, Grace Food Processors (Meats) Division 13, WISYNCO (True Juice) Division, Caribbean Broilers, Scientific Research Council, Sherwin-Williams Jamaica Limited, PA Benjamin Jamaica Limited, Huawei Technologies Jamaica and CEMEX.

The Office of the Associate Dean for Graduate Studies and Research obtained official approval for the offering of a faculty-wide research methods course titled “Research Method for the Sciences” (GRSM6550). The course will commence in September 2024 and will be a requirement for all new graduate students. The Dean’s Office took the initiative to develop a “Graduate Coordinator Reference Guide.” This guide will serve as a valuable reference tool for Graduate Coordinators in the execution of their responsibilities. Forty-six students received departmental awards and eighteen students received UWI Postgraduate scholarships for the 2022–2023 academic year.

Increasing Access

Throughout the 2022–2023 academic year, alumni, retired colleagues, and friends of the Faculty demonstrated their commitment to expanding access to tertiary education through the establishment of scholarships/awards and the enhancement of laboratory facilities. Their collective contributions amounted to approximately JMD\$10.4 million.

The Embassy of the People’s Republic of China in Jamaica donated JMD\$5.4 million to the Faculty to support the establishment of the Huawei ICT Lab – a part of the larger Huawei ICT Talent Hub partnership with The UWI in Jamaica. Mrs. Joy Spence (distinguished Chemistry alumna,) through J. Wray and Nephew, generously donated JMD\$1.5 million for provision of analytical balances for undergraduate laboratories, and refurbishment of the Kenneth E Magnus (Unit Operations) Laboratory. Similarly, JMD\$3 million bequeathed by the late Professor Ellis was used

to establish the “Henry A. Ellis Scholarship for Physical Chemistry.” In addition, the family of the late Professor Wilfred Chan contributed USD\$2800 to provide support for the existing Wilfred R. Chan Undergraduate Prize in Chemistry over a five-year period, from 2023 to 2028. Dr. Patrick Gordon, a Fulbright Scholar now at the Massachusetts College of Pharmacy and Health Sciences donated textbooks and molecular models to the Chemistry Department. The Department’s Occupational, Environmental Safety & Health (OESH) program received a generous donation of ten pre-owned noise dosimeters, one sound level meter, and two calibrators from visiting Adjunct Professor Dr. Gary Brown, representing Eastern Kentucky University, USA.

The Faculty hosted its Annual Awards Ceremony on April 6, 2023 (for 2021–2022 AY), during which approximately 400 students (and staff members) were recognized for their exceptional academic achievements and their active participation in ‘co-curricular activities and leadership roles’. The inclusion of the leadership category was a new addition, aimed at acknowledging the broader attributes necessary for cultivating the ideal UWI graduate. To note, approximately 40 departmental awards and prizes, including some with monetary incentives, were presented to deserving students. A number of students were also inducted in the departments’ Honours Society during the year to further recognise their academic excellence. The Honours Societies also serve as platforms for networking, leadership development and societal engagement. Ms. Danielle Mulling (BSc. Software Engineering) from the Department of Computing was selected as one of the Valedictorians for 2022–2023 graduation ceremony.

Enhancing the Student Experience

With a strong focus on reintegration and the cultivation of a more student-centric face-to-face educational environment, the faculty’s Student Experience Team orchestrated a series of events to cater to the needs of the students. The primary goal was to foster a balanced and holistic experience for FST students. The inaugural event was a faculty-wide “Meet and Greet” session, held at the departmental level. At the well-attended events, students had the opportunity to socialize with their peers and staff in a relaxed setting.

Throughout the year, the faculty hosted monthly ‘Total You’ Seminars, which included topics such as “Joy to the World: The Power of an FST Degree,” “You only Fail when you Quit: How to turn Academic Disappointments into Success,” “Tools for Understanding and Managing Anxious Thoughts and Feelings,” “My FSTeXperience: How to get the grades, achieve your dream, and enjoy it all,” “Achieving Academic Success: A guide to effective Exam Preparation,” and “Mindful Movements: Yoga Therapy for University Students to relieve Stress and Anxiety,” among others. Several of these sessions facilitated alumni engagement as invited speakers.

A noteworthy highlight from one of the sessions was a tour of the Appleton Estate in St. Elizabeth by twelve students, courtesy of Joy.

The Tech for Science Program was also expanded, with fellows from the Building Out Our STEM Teacher (BOOST) program contributing an additional laptop. Additionally, through a collaborative effort involving WIGTON Windfarm Ltd, The UWI Development and Endowment Fund (UWIDEF), and The UWI Mona Guild, two undergraduate students were gifted laptops.

In an effort to enhance academic readiness for Semester 2, 2022–2023 academic year, the annual Study Skills Workshop was hosted. The format was restructured to provide a more immersive experience for the students. The result was two full days of workshop activities on January 20–21, 2023, with students choosing to attend one day. A total of 288 students from all levels actively participated in activities designed to help them identify their unique learning styles, create learning profiles, develop effective time management strategies, and construct personalized study schedules. They also gained an understanding of the science of learning and the study cycle. The Faculty participated in the OSSD-led Career Month observed in February 2023. A panel included Chemistry alum Czerne Reid, from the University of Florida.

The United Nations Educational, Scientific and Cultural Organization (UNESCO) partnered with the Walking in Her Footsteps program, conceptualized by the faculty, which is now dubbed UWI-UNESCO Walking in Her Footsteps. In celebration of International Women's Day on March 9, 2023, a networking reception was held for the mentors and mentees. Twenty-seven girls from The University of the West Indies, Mona (The UWI Mona) and the University of Technology, Jamaica (UTech, Ja), studying mathematics, physics, life sciences, chemistry, geography and geology, biotechnology, computer sciences, and applied sciences were paired with female STEM professionals from the private and public sectors. The activities executed included the STEM Tour (supported by Juici Patties) to Huawei, CEMEX, NPI, and ICENS, a Shadowing Event, and Community-based projects. A group of female students participated in the National Commission on Science and Technology STEM Mentee Workshop on Wednesday, November 23, 2022, under the Walking in Her Footsteps program.

Two final-year Geography majors in the Faculty of Science and Technology attended the YouthMappers Leadership Fellowship Summit held in Montego Bay, Jamaica, from January 3 to 13, 2023. This summit offered an invaluable opportunity for these students to delve into the realm of GIS Science and its pivotal role in constructing resilient communities. As a result of their enriching experience, the YouthMapper Mona Chapter was officially launched on March 30, 2023.

RESEARCH

Research is a fundamental pillar of the Faculty's activities. Nevertheless, the productivity of the Faculty's research endeavours is being adversely affected by various challenges, including outdated equipment, inadequate laboratory infrastructure, reduced bench time for graduate students, and an overall unfavourable financial environment. Despite these challenges over fifty staff members were recipients of the Principal's Research Awards held in June 2023. To boost the research morale of the departments, The Office of the Dean has introduced a research award to recognize the department with the highest number of publications per capita for a given academic year. The Department of Geography and Geology received this award, having produced over 30 publications during the reviewed period (2021–2022).

The Department of Chemistry, in particular, suffered a significant setback with the malfunction of the 500 MHz NMR (Nuclear Magnetic Resonance) spectrometer, leaving the department without NMR capabilities, which are crucial for both undergraduate and graduate programs. Efforts are currently underway to secure funding for the replacement of this essential equipment.

The University of the West Indies Mona Analytical Chemistry (UWIMAC) Laboratory, a commercial facility within the Department, successfully retained its ISO accreditation granted by the Jamaica National Agency for Accreditation (JANAAC).

The Department of Geography and Geology took significant steps to enhance its research capabilities. The Department re-established the Unit for Disaster Studies and the Marine Geology Unit, which will be coordinated by Dr. Arpita Mandal, Dr. Rose-Ann Smith, Dr. Taneisha Edwards, and Dr. Jason Tambie. A handover meeting for the Marine Geology Unit was held to symbolically pass the baton from Professor Emeritus Edward "Ted" Robinson, who initiated the unit over 20 years ago, to Dr. Taneisha Edwards and Dr. Jason Tambie. Another significant accomplishment for the Department was getting the Late Cretaceous Rudist Bivalves of the Caribbean Province, Jamaica listed 38th among The First100 International Union of Geological Sciences (IUGS) Heritage Sites. The IUGS listing comprises geological sites from around the world that are iconic and recognized by the global geoscience community as a reference for their impact in understanding the Earth and its history. The Jamaican site is located in the Rio Minho watershed of Clarendon and is the most diverse and thickest limestone succession with abundant rudist bivalves within the Caribbean Faunal Province.

The Earthquake Unit recorded a total of 407 seismic events between August 2022 and July 2023. This included 164 local earthquakes, 91 near-region events, 80 regional events, 48 distant events, and 24 blasts.

Additionally, the year witnessed ongoing planning efforts toward the establishment of the Caribbean Centre for Research in Bioscience (CCRiB). This Centre will result from the merger of the Natural Products Institute (NPI), the Mona Institute of Applied Sciences (MIAS), the Biotechnology Centre, and the Pesticide Research Lab and is set to be formally institutionalized in October 2023.

Research partnership and engagement

The Faculty welcomed a number of international researchers (staff and students) who participated in funded research. Researchers/partners were from Rutgers University, University of California, University of Texas, Kyoyo University, Williams Lynam Eco Ltd., Harvard University inter alia.

Graduate student publishing

Twenty-three of the ninety-eight (23%) publications produced by the faculty were co-authored by graduate students.

OUTREACH

The Faculty continued its outreach initiatives to engage our stakeholders – showing the value of science and technology for society – while showcasing research and teaching capacities existing within the faculty.

- **Showcasing Science:** The Faculty of Science and Technology (FST) hosted a Science Festival between March 31 and April 1, 2023 as part of the 75th Anniversary celebrations of The University of the West Indies. The festival showcased science and technology in business, government, security, health and wellness, environment and education; as well as products and services developed through Science and Technology. It also provided a space for the public to engage with Science and Technology in interactive, informative, and innovative ways. Over three thousand persons passed through the two-day festival.
- Other key UWI 75th activities outreach activities hosted were: A Royal Society Conference (Co-host), Eco-Science Experience, and a Night with the Stars among others.
- **Science Discourse:** The “Professor Speaks”, “Science for Today” series and departmental seminars continued to encourage discourse on the science aspects of topical issues while showcasing current research and researchers. In 2022/2023, the Departments and their collaborators hosted the following events:
 - A Symposium on Global Security Perceptive
 - Synchrotron Light: Energizing Modern Advanced Economies in Caribbean Islands Symposium

- Let the Research Speak for Itself Part 1 – an international collaboration with a consortium of universities
 - Inaugural Lecture for Professor Tannecia Stephenson
 - A Special UWI 75th Lecture with Prof. Paul Reese: Harvesting a Selection of the Fruits of Nature
 - A Seminar in honour of Professor emeritus Kenneth Eugene Magnus: The Legacy of Prof. Kenneth Magnus: Transforming Lives, Institutions and the Economy.
 - ChatGPT and Education: Threat or Opportunity – a public lecture?
 - The weekly Biotechnology, Chemistry, Life sciences and Mathematics Seminar Series
 - Disaster Heritage: Can Memorialising Disaster Make People More Resilient? – A Discussion forum.
- **STEM Building in High Schools:** The Department of Mathematics continued its successful annual Jamaican Mathematical Olympiad program. The 2022-2023 edition saw the participation of 2,800 students from 92 schools and a return to a face-to-face experience. Similarly, the Faculty returned to face-to-face modality for its annual CAPE workshops in chemistry, biology, physics, mathematics, geography, and computer science. These workshops remain a valuable resource with over 1,500 high school students from more than 30 schools across Jamaica participating in the January 2023 edition. In collaboration with Addiscoders Inc, the CHOR Foundation, and members of the diaspora, the Department of Computing hosted the second edition of the JamCoders free residential Summer Camp. This unique program exposed 50 secondary students from Jamaica to a comprehensive four-week journey into coding and algorithms during the summer of 2023. The program's success was greatly enhanced by collaboration with 12 partner organizations. Additionally, the Faculty coordinated a Summer Internship program in conjunction with the Bethel Baptist Church, placing eight secondary students in various departments and the Health Center to provide them with valuable on-the-job experience. The Faculty also continues to play a significant role in engaging numerous secondary institutions, while serving as a central 'resource centre' for laboratory activities and educational tours.
 - **STEM Teaching:** The Building Out Our STEM Teachers (BOOST) program, established in 2021, was designed to address the persistent gap caused by the annual migration of STEM educators in Jamaica by cultivating a steady supply of high-calibre STEM teachers. Since its inception, BOOST has successfully recruited 34 Teacher Fellows, with 28 currently active, across 23 different schools spanning eight parishes. Notably, the program has achieved an impressive

retention rate of 80% for Cohort 1, with 12 out of 15 teachers choosing to remain in the classroom for a second year. BOOST's impact is significant, directly influencing 5,307 students to date. This initiative is sustained through ongoing support of nine strategic partnerships drawn from the public, private, and not-for-profit sectors.



- **STEM Teaching Competencies:** In an era of rapid technological advancement, educators must also be at the forefront of digital transformation by utilizing available ICT tools to enhance (not replace) their pedagogical practices. To this end, The UWI, Mona, in collaboration with E-Learning Jamaica Company Limited, successfully conducted an Artificial Intelligence (AI) workshop for secondary school teachers entitled, “Artificial Intelligence: An Orientation and Exploration of its Classroom Applications,” on August 22–23, 2023. The workshop, hosted by the Faculties of Science and Technology and Humanities and Education, welcomed an enthusiastic cohort of approximately forty (40) teachers eager to explore the potential of integrating Large Language Models (LLMs) in their classrooms.
- **School Engagement:** In collaboration with Marketing, over 20 secondary intuitions were visited across Jamaica.
- **Community Engagement:** A program to reach yam farmers was initiated by the Biotechnology Centre (Dr Sylvia Mitchell) in January 2023 in collaboration with a team of farmers in Harker’s Hall, St Catherine and endorsement by the St Catherine 4-H Clubs. The program is named the Yam Youth Farmers Training Program and brings together academics, young and old yam farmers, and agricultural educators. This collaboration has produced several firsts including D. trifida true seeds being germinated in vitro. Several field farmer training days and presentations on this program occurred.

COMMUNICATION

The Faculty continues to find creative ways to enhance communication with students, staff and other stakeholders. The Faculty maintains various online platforms, including Instagram (with 1,788 followers), Facebook (with 783 followers), a YouTube Channel (with 950 subscribers), and the official website. These digital

channels serve as the primary means for disseminating essential faculty information, which includes the promotion of faculty research, activities, events, and achievements, among other pertinent updates. Over the past year, there has been a consistent increase in the number of followers and subscribers on these platforms, demonstrating a growing audience for the Faculty's content. The Faculty remains committed to enhancing its online presence through the redesign of departmental webpages with the support of the MITS team. Additionally, enhancements have been made to the Graduate program webpages to ensure an improved user experience.

STAFF ENGAGEMENT

Throughout 2022–2023, the Faculty Office remained the central hub and catalyst for staff engagement initiatives. The Faculty Office orchestrated a range of activities geared towards enhancing staff welfare and professional development, including the hosting of seminars dubbed “Morning Bold. Ready. Engaged .Well-rounded” and orientation sessions designed for new staff members.

The Faculty continued its tradition of recognizing and celebrating various categories of staff through special events such as Teachers' Day, Administrative Professionals' Day, and Technical and Service Staff Day. ATS staff members were specially commended through the Unsung Heroes Award which honored their unwavering dedication and commitment to the Faculty's mission. The Faculty also partnered with HEART/NSTA to provide training and certification in the areas of Public Area Hygiene Attendant and Turf/Landscape Management to service staff. To date 31 staff members have been trained under this initiative.

Various committees established within the Faculty and coordinated by the Faculty Office (e.g. the Beautification Committee, the Lab Managers Committee, FST Administrators Committee, etc.) have proven to be effective platforms for harnessing collective expertise, sharing common experiences, engaging in comprehensive strategic planning, and facilitating the dissemination of information to all categories of staff members.

RESOURCE MOBILIZATION

The operations of the Faculty have faced significant constraints due to the University's financial challenges. Nevertheless, the Faculty through its Resource Mobilization Unit (RMU) has managed to successfully pursue new grant funding from external sources during the past academic year. The RMU has been pivotal to successfully maintaining existing partnerships and forging new collaborations with government ministries, private sector entities, external grant agencies, and alumni. The Unit also made substantial progress toward the launch of the FST Alumni Association

scheduled for academic year 2023–2024. A notable precursor to this launch was the successful hosting of a 75th Anniversary Alumni Brunch and Lyme event on July 16, 2023. The RMU continues to serve as the primary facilitator for negotiations pertaining to internal UWI processes concerning grant agreements and provides invaluable support for project oversight, affording principal investigators greater flexibility in the execution of their research tasks. Furthermore, the Unit exercises a strategic oversight role in managing the consistent growth of the Faculty's Endowment Fund.

Notable Events

Notable staff achievements for the 2022–2023 academic year include:

- Dr. Donovan Campbell was promoted to Professor of Environmental Geography
- Dr. Louis-Ray Harris was promoted to Senior Lecturer
- Prof Paul Reese retired after serving the University for over 30 years and was appointed Professor Emeritus
- Prof. Ralph Robinson was appointed Professor Emeritus
- Dr. Winklet Gallimore, Professor Marcia Roye, Dr. Phylicia Ricketts and Professor Tannecia Stephenson were recipients of the XXtroordineers Award from the Scientific Research Council.
- Dr. Eric Garraway, Lecturer and Entomologist (Department of Life Sciences) who was awarded the Silver Musgrave Medal for Science

The faculty was saddened by the passing of the following present or former members of staff:

- Dr. Phylicia Ricketts (Department of Physics)
- Dr. Victor Emmanuel Douse (Department of Physics)
- Dr. Trevor Yee (Natural Products Institute)
- Mr. St. Elmo Whyte (Department of Mathematics)



DEPARTMENT OF CHEMISTRY

Dr Donna Minott Kates, BSc, PhD (UWI)— Head of Department

OVERVIEW

The Department of Chemistry took pride in being the sole department within the faculty to have provided face-to-face laboratory classes at all levels throughout the Covid-19 pandemic. Having successfully navigated challenges thus posed, and with the return to university-wide in-person instruction, the Department was keen to maintain our ongoing interaction with students and improve our offerings. Two new Water Treatment courses (CHEM2420 and CHEM2421) were approved as well as a Radiochemistry course (CHEM2810), developed in support of the inter-disciplinary BSc Biomedical Radiation Sciences programme. Our work-study/ internship programmes benefitted from improved access to companies (thanks to our industry partners) through which, several students secured employment. The OESH practicum saw an increased demand for interns which we were not able to satisfy. At end of the academic year (AY), 40 students graduated with Chemistry BSc (7 receiving first class honours), and 26 with Chemistry minors. Six students completed higher degrees (3 PhD and 3 MSc graduates).

Notwithstanding an improvement in publication output (two-thirds of which were co-authored by graduate students), research progress was hindered by financial constraints, and deterioration of available instrumentation. The Department faced a major setback with the quenching of the 500 MHz NMR (Nuclear Magnetic Resonance) spectrometer, leaving us bereft of NMR capability, an absolute requirement given its importance to undergraduate and graduate programmes. Efforts to secure funding to replace the defunct NMR are underway. A resurgence of activity is anticipated with increased research collaborations and staff sojourns in external research facilities. Output should be further boosted with the resumption of the Principal's Research Awards; 5 members of staff were this year recognised for research excellence.

The University of the West Indies Mona Analytical Chemistry (UWIMAC) Laboratory, a commercial facility within the Department, was granted continued ISO accreditation by the Jamaica National Agency for Accreditation (JANAAC).

The Department continues to benefit from contributions of its alumni and friends. Distinguished alumna, Mrs Joy Spence, CD (Hon DSc, Hon LLD), first international female Master Blender of the Spirits World, gifted the Department (through J Wray and Nephew) \$J1.5M, for provision of analytical balances for undergraduate laboratories, and refurbishing of the Kenneth E Magnus (Unit Operations) Laboratory. Funds (J\$3M) bequeathed by the late Professor Ellis (professor of Physical Chemistry) was used to establish the “Henry A. Ellis Scholarship for Physical Chemistry” endowment. An annual scholarship is to provide support for an undergraduate student undertaking a degree in Chemistry with Physical Chemistry as part of their degree programme. The family of the late Professor Chan contributed USD2800 in continued support of the previously established Wilfred R Chan Undergraduate Prize in Chemistry, for 5 years (2023–2028). Dr Patrick Gordon, Fulbright Scholar (Massachusetts College of Pharmacy and Health Sciences) also made a donation of chemistry resource books and chemistry molecular models. The Department’s Occupational, Environmental Safety & Health (OESH) programme received a donation of 10 pre-owned noise dosimeters, 1 sound level meter and two calibrators from visiting Adjunct Professor, Dr Gary Brown (Eastern Kentucky University, USA).

Several repeat visitors from the University of Texas Austin continued their environmental research collaboration with, Dr Debbie-Ann Gordon-Smith and her graduate student, Ms Pearl Bergan. Mr Cesar Yammal toured the Pesticide Research Laboratory, and also held discussions on the Better Process Control School, in relation to the Foundations for Competitiveness and Growth Project (FCGP), JANAAC and Ministry of Industry, Investment and Commerce (MIIC), geared towards the development of a coordinated laboratory strategic framework and implementation plan for Jamaica. Other industry visitors to the Department included: Ms Joy Spence (J Wray & Nephew), Mrs Sharonmae Shirley (JANAAC), and Ms Anna-Kay Dowie (Dairy Industries (Jamaica) Ltd).

WORKSHOPS

CAPE Chemistry Workshop 2023

The Chemistry CAPE Spectroscopy Workshop resumed its face-to-face format. Approximately 672 students from over 40 schools attended throughout the course of one week.

ACS Diversity, Equity, Inclusion and Respect (DEI) Workshop

The American Chemical Society (ACS) Jamaica International Student Chapter hosted the first Diversity, Equity, Inclusion and Respect workshop in January. The workshop was sponsored by the ACS and saw a total 16 students from the Department of Chemistry participating.

Food Preventative Controls Alliance Workshop

Under the direction of Dr Andrea Goldson-Barnaby, the Department hosted the Safety Preventative Controls Alliance, Preventative Controls Qualified Individual Human Foods workshop; offered virtually, it was geared towards certifying food industry professionals.

STAFF MOVEMENTS

Two academic staff members, Dr Ainka Brown and Dr Shannen Lorraine, were added to the Department's staff complement. The following staff members bid the Department farewell: Mr Robert Parnell and Professor Paul Reese (retired). Professor Reese was conferred with the title of Professor Emeritus for distinguished service to the University for 37 years in teaching, research and in his administrative capacity as Head of the Department of Chemistry and Dean of the Faculty of Science & Technology. We were saddened by the passing of Mr Wilfist Graham, former Maintenance Supervisor in the Department up to his retirement in 2006.

STAFF AND STUDENT ENGAGEMENT ACTIVITIES

Ministry of Commerce/China Training Course

Several Food Chemistry undergraduate and postgraduate students received a certificate after completing the "Training Course on Beer Brewing Technology for Developing Countries", which was sponsored by the Ministry of Commerce and organized by the China National Research Institute of Food and Fermentation Industries Corporation Limited.

FST Science Festival

The Department mounted research displays for the inaugural staging of the Faculty of Science & Technology's (FST) Science Festival, and treated visiting students to fun chemistry activities. In an ACS-sponsored initiative, the Department hosted 32 special needs students from the Lister Mair/Gilby and Christian Centre for the Deaf schools, who joined in the festivities on the day.

Student Meet & Greet

A "meet and greet" session was hosted for the Department's level 2 and 3 undergraduates. Students were engaged in an interactive session with lecturers and graduate students, who introduced themselves and shared their research interests, sparking enthusiasm in our research programme.

Staff Appreciation

Recognition of staff members proceeded throughout the year. Technical and service staff enjoyed refreshments and tokens of appreciation at the Department's annual Technical and Service Staff Appreciation Day in November, while, Administrative Professionals were recognised in April and Lecturers were treated to small tokens of appreciation in celebration of Teachers' Day (May) 2023.

Special thanks were extended to 3 retirees, who were presented with tokens of appreciation for their years of service, at the Department's end-of-year luncheon held in December.

DEPARTMENT SEMINARS

Twenty engaging and informative seminars covering a wide range of topics, were delivered by visitors, faculty and postgraduates. Seminars delivered by visitors to the Department included:

- Dr Henroy Scarlett, DAAS President, International Federation of Environmental Health (IFEH), and Lecturer, Faculty of Medical Sciences, Department of Community Health & Psychiatry, The UWI, "Climate Change and Public Health".
- Ms Senami Anko, Graduate Assistant, Lagos State University, Nigeria, "Impact Assessment of Badagry Creek on Groundwater Quality in Ojo Community, Ojo, Lagos State".
- Dr Czerne Reid, Senior Lecturer, Department of Psychiatry, College of Medicine, University of Florida, "Science to Science Communication: A Journey of Discovery".
- Dr Eduardo Caro, Assistant Professor of Medicinal Chemistry, Department of Pharmaceutical Sciences, School of Pharmacy, University of Puerto Rico – Medical Sciences Campus, "Marine Natural and Pseudo-natural Products for Drug Discovery".
- Mr Akenio Patterson, MPhil Student, Faculty of Medical Sciences and Department of Chemistry, The UWI, "The Potential of *Arachis hypogaea* Testa as a Functional Food Ingredient for the Treatment of Depression".
- Dr Adam Simpson, IDEAL Provostial Fellow, Stanford University, USA, "Predicting Initial Transformation of Food-Based Bio-Polymers and Molecules During Food Disinfection: new insights and updates in this emerging field".
- Prof Isaac F. Céspedes Camacho, Escuela de Química, Tecnológico de Costa Rica, "Solid-state NMR: basics and applications of hyperpolarization methods".
- Dr Richard Denton, Assistant Professor of Chemistry at Medgar Evers College of the City University of New York (CUNY), "Implicit biases in STEM Education".

- Mrs Sharonmae Shirley, CEO, JANAAC, “Chemists, Chemistry & Accredited Conformity Assessment”
- Professor Conrad W Ingram, Head, Chemistry Department, Clark Atlanta University, Atlanta, USA, “Synthesis and applications of porous nanostructures as catalysts, adsorbents, radio-luminescence sensors and ferroelectric materials”
- Dr Danniebelle Haase, Research Scientist and R&D Leader in Packaging and Specialty Plastics and Hydrocarbons, Dow Chemical Company, “Polymers for Medium Voltage Cable Applications”
- Professor Martin Harper, Adjunct Senior Lecturer, Chemistry Department, UWI, and Courtesy Professor in the Department of Environmental Engineering Sciences, University of Florida, “What to expect from 40 years of a career in Environmental Science”
- Mr Assanie Benjamin, Quality Assurance and Product Development Head of Department, Federated Pharmaceuticals, “Chemists in the Pharmaceutical Industry”

STAFF AWARDS

At the Faculty’s Annual Technical & Service Staff Day event, “Unsung Hero” category awards for the Department of Chemistry went to **Ms Carleen Watson** (Service), **Mr Daniel Gillings** (Technical) and **Mrs Tracia Johnson-Blair** (Administrative). Mrs Blair was also awarded Most Popular Administrative Professional Nominee for the Faculty. **Ms Carlo Hall** and **Mr Daniel Gillings** were awarded for Excellence in the Provision of Support Services and Technical Services, respectively. **Dr Peter Nelson** received the SRC Young Scientist/Technologist award (2022) for his work and potential contribution to Jamaica’s development, particularly as it relates to his ground-breaking invention of sensors for detecting metal ions in the human body. **Dr Nelson** also received the Governor-General’s Achievement Award (GGAA) for Excellence for the parish of St Thomas, in recognition of his significant achievements and leadership. In addition, **Dr Nelson** received an award from the FST for his collaborative work on the “LifeSavers Wipes” project, winner of the Global Innovation Award. Several staff member were recipients of the Principal’s Research Awards, namely: **Dr Andrea Goldson-Barnaby** (Most Outstanding Researcher (A/Y 2020, 2021), **Dr Peter Nelson** (Most Outstanding Researcher (A/Y 2020, 2022), **Professor Paul Reese** (co-author Best Research Publication, FMS 2021), **Dr Roy Porter** (co-author Best Research Publication 2022), and **Dr Novelette Sadler-McKnight** (Research Project with the Greatest Multi-Disciplinary Collaboration 2020).

OUTREACH ACTIVITIES

Departmental outreach activities included participation in the St. Andrew High School for Girls Science Week Expo, partnership with the AZ Preston Hall Second Year Experience Programme in its “Dare to Care” food drive and hosting of the Portmore Gospel Academy Preparatory School, wherein students conducted chemistry experiments as part of their curriculum.

The ACS Jamaica Student Chapter visited the Alligator Head Foundation in Portland, hosted a guest lecture delivered by Professor Melvin Pascall (Ohio State University), and were instrumental in hosting a group of 5th Form students visiting from the Buff Bay High School, introducing them to basic chemistry concepts and green chemistry.

ACCESS

STUDENT AWARDS

Scholarship and prizes in recognition of undergraduate students’ performance in the 2021/2022 examination were awarded at the annual Faculty of Science and Technology Awards Ceremony, as follows: **Jordan Collins** (The Cedric Hassall Scholarship), **Mikayla Miles** (The Kenneth Magnus Prize), **Jamilia Morgan** (The Food Chemistry Prize), **Lauren-Ashley Golding** (The Garfield Sadler Award), **Ruth-Ann Powell** (The Wilfred Chan Award), **Stephannie Forbes** (The Leonard J. Haynes Award), **Catherine Douse** (The Pavelich/Honkan Prize), and **Kyanna Woodhouse** (The Chemistry Department Prize).

STUDENT ENROLMENT

Student enrolment for the AY 2022/2023 was as follows: Preliminary (100), Introductory (420), Advanced (190), Postgraduate (Research – 26, MSc – 22).

PUBLICATIONS

- Elham Faghani, Maryam Kolahi, Mina Kazemian, **Andrea Barnaby**, M. H. Razzaghi. 2022. “Effect of irrigation regimes on starch biosynthesis pathway, cotton (*Gossypium hirsutum*) yield and in silico analysis of ADP-glucose-pyrophosphorylase”. *International Journal of Environmental Science and Technology*. DOI: 10.1007/s13762-022-04281-x
- T. Bartley, **P. Reese**, S. Turfus and R. Alexander-Lindo, “Validating the Hypoglycaemic and Hypotensive Roles of *Salvia serotina* (Chicken Weed) in Normal

Healthy Sprague–2 Dawley Rats”. *Sci. World J.*, 2022, 6547734 (11 pp). <https://doi.org/10.1155/2022/6547734>.

- Davies, Antony N., Hanson, Robert M., Lampen, Peter and **Lancashire, Robert J.** “An overview of the JCAMP-DX format”. *Pure and Applied Chemistry*, vol. 94, no. 6, 2022, pp. 705-723. <https://doi.org/10.1515/pac-2021-2010>
- **Nelson, Peter N.** “A Computational Mechanistic Study of the Hydrolytic Degradation of three common Pyrethroid Insecticides”. *Computational and Theoretical Chemistry* (2022): 113870.
- **Brown, Ainka T., and Nadale K. Downer-Riley.** 2022. “A Green Approach to 2-Substituted Benzo- and Naphthothiazoles via N-bromosuccinimide/Bromide-Mediated C(aryl)-S Bond Formation”. *Molecules* 27, no. 22: 7876. <https://doi.org/10.3390/molecules27227876>
- **Clarke, Kellyann; Porter, Roy; Facey, Petrea;** Thoms-Rodriguez, Camille. 2023. “Chemical composition and biological activities of Jamaican *Cannabis sativa* essential oils as the plant matures”. *Flavour and Fragrance Journal*, 38(3) 144-151. <https://doi.org/10.1002/ffj.3732>
- **Smith, Jermaine A.; Singh-Wilmot, Marvadeen A.; Min, Zeyar;** P. Carter, Korey p.; **Gilbert, Saddi;** Andrews, Michael B.; Ridenour, J. August; Cahill, Christopher L.; Ley, Amanda N.; Holman, K. Travis. 2023. “Polymorphism from a 1:1 Ln:BTB reaction pot: Solvothermal versus sonochemical synthesis of Ln-MOFs”. *Inorganica Chimica Acta*. Volume 546, 1 February 2023, 121299. <https://doi.org/10.1016/j.ica.2022.121299>
- **Kirk Wilson,** Kerri-Ann Wilson, **Crystal Thompson, Mark A.W. Lawrence***. “Optical and electrochemical sensing of Co(II), Ni(II) and Cu(II) in DMSO. Pyridyl thiazole and (thio)amide pincer ligands versus di-2-pyridyl ketone hydrazones”. *ChemistrySelect*, 2023, 8, e202204624. DOI:10.1002/slct.202204624
- **Deneikah T. Jackson, Peter N. Nelson***, Kimberly Weston, Richard A. Taylor, “Plasticizer-free Hydrazonic Dibenzo-18-crown-6 derived Lead Ion Sensing Electrodes”, *Sensing and Bio-Sensing Research*, 2023, 10.1016/j.sbsr.2023.100570
- **Tahjna I. Robertson, Peter N. Nelson***, “Experimental and Computational Study on the Spectroscopic and Colorimetric Copper Sensing behaviour of Three ketimine derivatives”, *Journal of Molecular Structure*, 2023, 1288, 135606
- **Deneikah T. Jackson, Peter N. Nelson***, Kimberly Weston and Richard A. Taylor, “Preparation and Properties of three Plasticizer free Novel Di-benzo-18-crown-6 Aldimine derived Lead(II) Ion Selective Electrodes”, *Inorganics*, 2023, 11, 275.
- **Deneikah T. Jackson, Peter N. Nelson***, Kiara D. Shannan, “Synthesis, Spectroscopic and Lead(II) Binding behaviour of three novel Dibenzo-18-crown-6 Hydrazones”, *Molecular Crystals and Liquid Crystals*, 2023, 10.1080/15421406.2023.2231682

- Dilworth, Lowell L., Stennett, Dewayne K., **Bailey, Dennis H.** and Omoruyi, Felix O. "Effect of *Annona squamosa* leaf extract on human promyelocytic leukemia cells subjected to oxidative stress" *Journal of Complementary and Integrative Medicine*, vol. 20, no. 3, 2023, pp. 612-620. <https://doi.org/10.1515/jcim-2023-0048>

ALIGNMENT

PAPERS PRESENTED

- **Ishenkumba Kahwa** - "Are CARICOM Countries Innovating Into The Fourth Industrial Revolution?" Invited Speaker. Frontiers of Research in Caribbean Science and Technology (FORECAST), Kingston Jamaica. August 10–12, 2022.
- **Modupeola Abayomi and Roy Porter**, "Phytochemical Screening, Proximate Analysis, and Mineral Composition of Ultrasonic extract of Annatto (*Bixa orellana* L.) Seed extract." FORECAST, Kingston Jamaica. August 10–12, 2022.
- **Deneikah Jackson**, "Functional Group Gating of Dibenzo-18-Crown-6 towards the development of Lead (Ii) Ion Sensing Electrodes." FORECAST, Kingston Jamaica. August 10–12, 2022.
- **Tahjna Robertson**, "A DFT and experimental study of the Hydrolytic Degradation Behaviour and Spectroscopic properties of some Benzyldeneanilines." FORECAST, Kingston Jamaica. August 10–12, 2022.
- **Peter Nelson**, "Bench Top to the Conveyor Belt: Steps Toward The Commercialization of Scientific Innovations." FORECAST, Kingston Jamaica. August 10–12, 2022.
- **Ricaldo Pryce**. "Synthesis of novel stemodane analogues and their biotransformation by *Exophiala lecanii-corni*". 9th Annual International Conference on Green Chemistry (ICGC), Athens, Greece. September 5–9, 2022.
- **P. Bergan, D-A Gordon-Smith** "Investigating the impact of river and ground-water inputs on the water quality of Kingston Harbour, Jamaica", 3rd Commonwealth Chemistry Posters (Virtual), September 28–29, 2022. <https://eposter-online.com/cwcp2022/node/143>
- P. Harris, A. Mandal, **D-A. Gordon-Smith**. "Groundwater quality and water resource assessment of the Kingston Basin, Jamaica". Geological Society of America Connects 2022, Denver, Colorado, USA. October 9–12, 2022. <https://gsa.confex.com/gsa/2022AM/meetingapp.cgi/Paper/381792>
- E. Salgado Jauregui, K.K. Ellins, R.C. Martindale, D. Henry, **D-A. Gordon-Smith** "Incorporating diverse voices in decision-making for geoconservation". Geological Society of America Connects 2022, Denver, Colorado, USA. October 9–12, 2022. <https://gsa.confex.com/gsa/2022AM/meetingapp.cgi/Paper/381278>

- C. Williams, R. Martindale, D. Henry, **D-A. Gordon-Smith**, P. Bergan. “Community abundance analysis to support coral reef management in East Portland Special Fishery Conservation Area, Jamaica”. Geological Society of America Connects 2022, Denver, Colorado, USA. October 9–12, 2022. <https://gsa.confex.com/gsa/2022AM/meetingapp.cgi/Paper/380284>
- **Goldson-Barnaby A.** “Chemistry outreach initiatives and student engagement in Jamaica” (Online Oral Presentation). ACS Chemistry Festivals, Non-formal Chemistry Education around the World Symposium. October 19–22, 2022.
- **Ricaldo Pryce.** “The lives, work and scientific contributions of famous Jamaican researchers.” La Historia de Pioneros y Descubridores en Química Symposium, SERMACS (Southeastern Regional Meeting of the ACS) 2022. San Juan, Puerto Rico, October 19–22, 2022.
- **Norbert Campbell.** “Creating and Capitalizing on Opportunities for Professional Advancement: An Urgent Need for the Jamaican Public Health Inspectorate”. 76th Annual Conference of the Jamaica Association of Public Health Inspectors, Trelawny, Jamaica, October 26, 2022
- **Peter N. Nelson, Deneikah T. Jackson, Tahjna I. Robertson.** 2022. “Metal Ion Sensors: Implications in Human Health”. Scientific Research Council’s 7th Biennial Science and Technology Conference, Kingston Jamaica, November 15–17, 2022.
- **Akenio Patterson.** “Potential of *Arachis hypogaea* testa as a functional food ingredient for the treatment of depression”. ACS Spring 2023 Conference, Indianapolis, USA, March 26–30, 2023
- **Jermaine Smith.** “Rare-Earth Perhalogenated Terephthalate Metal-Organic Frameworks: Florescence Sensors for Iron, Copper and Nitroaromatic Explosives”. Early Career Chemist poster and flash talk (Theme: Clean Water and Sanitation (SDG 6)), 2nd Commonwealth Chemistry Congress, Trinidad & Tobago, May 23–25, 2023. [Best Poster Award]
- **Jordan McKenzie.** “Investigating the scope of steroid transformation using free and immobilized filamentous fungi”. Early Career Chemist poster and a flash talk (Theme: Responsible Consumption and Production (SDG 12)), 2nd Commonwealth Chemistry Congress, Trinidad & Tobago, May 23–25, 2023.
- **Shaunte Cotterell.** “A more versatile sulfur-mediated multicomponent synthesis of thioamides” Early Career Chemist poster and a flash talk (Theme: Good health and well-being (SDG 3)), 2nd Commonwealth Chemistry Congress, Trinidad & Tobago, May 23–25, 2023.
- **Andrea Goldson-Barnaby.** “Strengthening food security, food safety and the entrepreneurial spirit within the region and beyond”. (Theme: Zero hunger (SDG 2), Good Health and Well-being (SDG 3)), 2nd Commonwealth Chemistry Congress, Trinidad & Tobago, May 23–25, 2023. [Invited Keynote Speaker]

- **Debbie-Ann Gordon-Smith**. “Water resources and nutrient contamination in Jamaica’s freshwaters: application of environmental tracers”. (Theme: Clean Water and Sanitation (SDG 6), Climate Action (SDG 13)). 2nd Commonwealth Chemistry Congress, Trinidad & Tobago, May 23–25, 2023. [*Keynote Speaker*]
- **R. Pryce**, M. Nair, R. Delgoda, K. Foster, **P.B. Reese**, “Assessment of the bio-transformation capabilities of the fungus *Exophiala lecanii-corni* with terpenoid substrates”. American Chemical Society Summer School on Green Chemistry & Sustainable Energy in Golden, Colorado, USA, July 12–19, 2023.

PUBLIC SERVICE

Dr. Marvadeen Singh-Wilmot

- Jury Member for the L’Oréal-UNESCO Young Talents for Women in Science Programme.
- Interim Executive Committee for the Greater Caribbean Light Source
- Participated in the AAAS (American Association for the Advancement of Science) webinar
- Participated (online) in the X-tech training course in X-ray Crystallography, Benin, Africa
- Participated in the delivery of UWI-UT-NEET Summer Camp for Primary School Students and Workshops for Teachers, Negril, Jamaica
- Participated (online) in the TWAS Young Affiliate Network Latin America and Caribbean Regional Partner Workshop
- Presenter at the MOEYI Chemistry and Physics Fundamental Concepts for New Teachers Workshop
- Organized and hosted a seminar on “Ecosystem Restoration for Climate Change Resilience”
- Organized and hosted a workshop for teachers titled “Climate Change for Primary Schools: enhancing teachers’ preparedness to deliver”
- Guest Speaker at a staff retreat hosted by the UWI Office of Student Services and Development
- Guest Speaker at the Juici Beef Limited, Annual Youth Leadership Workshop and Volunteer Programme
- Organizing committee for Latin American International Synchrotron for Technology, Analysis and Development (LAMISTAD) symposium (Jamaica representative)
- Made a special presentation to The World Academy of Sciences (TWAS), UNESCO and The Executive Committee of the Greater Caribbean Light Source,

to attract funding to support a regional Xray Diffraction Laboratory and to endorse the CRXTAL initiative in member networks

Dr. Donna Minott Kates

- Presenter at the UWI HRMD Sabbatical Leave Workshop.
- Invited panelist at the Women in Law Jamaica Conference for International Women's Day.
- Moderated a seminar in *The Professor Speaks* series, UWI.
- Presented a micro-talk at the Faculty of Science & Technology's Science Festival, UWI.
- Guest speaker for the Annual Montego Bay High School Mentorship closing ceremony.

Dr. Debbie-Ann Gordon-Smith

- Participated in the regional meeting (virtual) for the establishment of a Caribbean Hub in the Global Ocean Acidification Observing Network (GOA-ON).

Dr. Norbert Campbell

- Chair, Planning Committee for the "One Health, One Environment" Conference, 2023.
- Appointed as member of the Journal of Environmental Health's Future Directions advisory panel, National Environmental Health Association, USA.
- Invited participant in the International Labour Organisation's global research on OSH qualifications framework within select member states.

Dr. Winklet Gallimore

- Participant in College of Agriculture, Science and Education (CASE) research workshop

Dr. Peter Nelson

- Co-opted to the Research Committee of the Coconut Industry Board.

Dr. Ainka Brown

- Organizing Committee Member and Session Chair at the 2nd Commonwealth Chemistry Congress, Trinidad & Tobago.

Dr. Nadale Downer-Riley

- Appointed by the Ministry of Industry, Investment and Commerce to serve on an Appeals Committee/Tribunal.

Professor Paul Reese

- Delivered a UWI 75th Anniversary Special Lecture.

Dr. Henroy Scarlett (Adjunct Staff)

- Appointed as President of the International Federation of Environmental Health (IFEH).

AGILITY

INCOME GENERATION

Consultation fees, summer school and other departmental income: J\$ 9,393,472.34

EQUIPMENT & FUNDED GRANTS			
Researcher	Grant Agency	Amount	Project
Dr Debbie-Ann Gordon-Smith	International Atomic Energy Agency (IAEA)	€80,653.61	Determining Potential Contamination Pathways for Groundwater and Surface Water Recharge and Flow Dynamics in the Rio Bueno Sub-WMU of the Dry Harbour Mountains Hydrologic Basin
	University of Texas at Austin	US\$10,860	Water quality and ecosystem assessments in the Montego Bay Marine Park and the East Portland Special Fishery Conservation Area
	University of Texas at Austin	US\$50,261	Study of marine water quality and ecosystem health in Jamaica
	Tourism Enhancement Fund	J\$5,899,300	Monitoring and Protection of the Jamaica's Coastal Tourism Sites
Ms Pearl Bergan (MPhil candidate - supervised by D Gordon-Smith)	IAEA Marie Sklodowska-Curie Fellowship Programme	€20,000	Examination of Submarine Groundwater Discharge in the Kingston Harbour using radon as a tracer
	UWI R&P	USD\$2700	Investigating the impact of surface and groundwater inputs on the water quality of Kingston Harbour, Jamaica
Dr Marvadeen Singh-Wilmot	Cambridge Crystallographic Data Centre FAIRE	£4500 over 3 years	Licensed Access to the CSD-Enterprise

TRAVEL & CONFERENCE GRANTS			
Student	Grant Agency	Amount	Conference/Workshop
Mr Akenio Patterson	American Chemical Society (ACS)		ACS Springs 2023 - Colarado
Mr Ricaldo Pryce	UWI R&P; FST; Chemistry Department		9th Annual International Conference on Green Chemistry – Athens Greece
	ACS		Annual Summer School on Green Chemistry and Sustainable Development
Ms Tahjna Robertson	UWI R&P	J\$309,049.00	ACS Springs 2023 - Colarado



DEPARTMENT OF COMPUTING

Prof. Gunjan Mansingh, BSc (*Bombay University, India*), MPhil, PhD (*UWI*)
– Head of Department

OVERVIEW

The Department of Computing (DoC) continues to offer multiple undergraduate and postgraduate programmes in Computer Science, Information Technology, Software Engineering and Data Science. We regularly revise our programmes to keep them in line with international curricula recommendations for Computing.

The DoC continues to contribute towards society, as various faculty members gave talks and participated in many workshops locally, regionally, and internationally. Between July 3–28, 2023, the DoC organized and hosted the second offering of a residential coding programme called JamCoders (<https://jamcoders.org.jm/>). This summer camp focused on algorithms and programming for 48 high school students drawn from 12 parishes of Jamaica. This programme was organized by the faculty from the Department of Computing at The UWI, Mona, members of the Caribbean Diaspora working at Google and The University of California – Berkeley, and the reggae artiste, Jamar McNaughton aka Chronixx, via his CHOR Foundation.

We run internship programmes in two formats, general and targeted. In the general category, our students work in various private and public companies in Jamaica. We run a targeted internship program with Jamaica’s National Commercial Bank (NCB). In the summer of 2022/23, we successfully completed training (virtually) the sixth cohort of the NCB-UWI Agile Laboratory Project with 15 students.

Our student numbers continue to grow, especially in the postgraduate and advanced undergraduate Computing courses. Numbers in the introductory, i.e., level 1, computing courses have rebounded to the numbers last seen in 2019/20, while those in the advanced courses remained stable across the 2020/21 to 2022/23 period. However, these numbers are roughly 15.5% up from our 2018/19 numbers.

The United States Bureau of Labor Statistics predicts that employment in computing and information technology occupations will grow much faster than the average for all occupations over the 2022–2032 period. Similar forecasts are not readily available

for Jamaica; however, we have observed great demand for computing interns and graduates. Our graduates from the undergraduate and graduate programmes are highly sought after and can easily find employment locally and internationally.

The Department continues to operate with very limited resources, both in terms of people and infrastructure; however, it manages to provide a quality education to our students. Both of these factors impose very tight constraints on further growth in the computing discipline at the Mona Campus. In the short term, the Department needs access to a computing lab that allows all of its first-year students to have at least one face-to-face lab session each week.

PROGRAMMES AND STUDENT NUMBERS

The department continues to offer undergraduate and postgraduate programmes as shown below.

Undergraduate

- BSc General
 - Computer Science major (CS)
 - Software Engineering major (SE)
- BA (Computer Science major)
- BSc Information Technology (IT) – Offered at both Mona and the Western Jamaica Campus
- BSc Software Engineering – Mobile Application Technologies – There was no new intake in the current year.

Graduate/Postgraduate

- MSc – Applied Data Science
- MSc – Computer Science
- MSc – Information Systems (Computer-Based Master's in Information Systems – CBMIS)
- Postgraduate Diploma in IT—No intake in the current year
- Postgraduate Diploma in Applied Data Science
- Postgraduate Certificate in Applied Data Science
- M.Phil. and PhD – Computer Science

The number of students registered in the various programmes in the 2022/23 academic year are displayed in Table 1. The data in Table 1 reflects the number of distinct students who register for courses at each level within the specified academic years.

Table 1. Students registered in the Department of Computing in the last five (5) years.

LEVEL	2018/ 2019	2019/ 2020	2020/ 2021	2021/ 2022	2022/ 2023
Introductory (Year 1)	622	555	523	486	552
Advanced (Years 2 & 3)	432	443	497	500	499
PG. Cert. Applied Data Science	-	2	1	1	-
PG. Diploma Information Tech.	5	-	1	-	-
PG. Diploma Applied Data Science	-	-	2	1	1
M.Sc. Computer Science	27	22	29	35	34
M.Sc. CBMIS	76	68	57	74	62
M.Sc. Applied Data Science	-	8	21	26	42
M.Phil. Computer Science	9	10	7	7	5
Ph.D. Computer Science	6	5	5	5	3
Total Postgraduate Population	123	115	123	149	147

Our advanced level student numbers have been stable since 2020/21, but they are about 15.5% up from 2018/19. The trends suggest that we are at about the limit of our capacity for advanced courses. Our introductory level student numbers, on the other hand, reversed the decline seen since 2019/20, and have rebounded to very close to pre-pandemic values. Also of note, is the increase in the numbers in the M.Sc. Applied Data Science programme. The programme has been quite attractive to the corporate sector, and numbers have grown even with a 60% increase in fees since the programme's inception.

Table 2 shows our graduation numbers in various undergraduate majors and programmes. This year we graduated the third cohort of the BSc Software Engineering – Mobile Application Technologies. No research students completed their degrees in the 2022/23 academic year; however, there were seven (7) graduates each from the M.Sc. Computer Science and M.Sc. Applied Data Science programmes.

Table 2: Undergraduate Students Graduating Across Majors in 2022

Major	First Class M/F	Upper Second M/F	Lower Second M/F	Pass M/F	Total M/F
Computer Science (B.Sc.)	15/14	20/12	19/10	6/1	60/37
Computer Science (B.A.)	0/0	1/1	0/0	3/0	4/1

Computer Studies	0/0	1/0	0/0	0/0	1/0
Information Technology	0/2	8/2	3/5	4/2	15/11
Software Engineering	0/3	0/2	0/1	0/0	0/6
Software Engineering – Mobile Application Technologies	0/0	0/1	0/0	0/0	0/1
Total	15/19	30/18	22/16	13/3	80/56=136

ACCESS

Courses were delivered primarily face-to-face throughout the 2022/23 academic year; however, students at the Western Jamaica Campus had several courses delivered in the blended modality. Approval was sought and granted for the B.Sc. Information Technology programme to be delivered in the blended mode. The postgraduate programmes in Computer Science and Applied Data Science have permission to deliver courses in the blended modality. The Department also ensured that lab assistants were in place virtually and in person to assist with course work.

WORKSHOPS AND SEMINARS

- Dr. Ricardo Anderson presented “AI for a Positive Planet: Personalized Learning to Empower Positive Behaviour Change,” on September 28, 2022, at the third annual Artificial Intelligence for Information Accessibility conference.
- Dr. Claudine Allen participated in The Software Architecture Gathering, an International Software Architecture conference held online from November 14–17, 2022. Her presentation was entitled, “Clarifying Quality Requirements for Architectural Design.”
- Prof. Daniel Coore presented at an AI in Information Services: Implications, Applications and Added Value Workshop. The workshop was hosted by the Dept. of Library and Information Studies, UWI Mona and Go School of Information, Netherlands. Prof. Coore’s topic was “Anticipating the Impact of Large Language Models on Education.”
- Dr. Curtis Busby-Earle was the principal organiser for the first Global Security Perspective Online International Symposium held April 17–19, 2023. This was a collaboration with the University of Leeds, UK. Presentations were made on the general theme of security from academics from the Mona, St. Augustine and Five Islands campuses, in addition to others from Mexico, the UK, Kenya and South Africa. Dr. Busby-Earle also organised a two-day workshop on April 18

and 19, aimed at providing academics with the skills and tools to develop and formulate a research agenda. The virtual workshop was conducted by Professor Lisa-Dionne Morris from the University of Leeds.

- Prof. Gunjan Mansingh presented at the first Global Security Perspective Online International Symposium, April 17, 2023. The title of her talk was, “In the World of AI and Data, how secure are we?”
- Prof. Gunjan Mansingh participated in a panel on “The AI Revolution: Transforming the world as we know it”, Tech Talk Tuesday, JTDA – Jamaica Technology and Digital Alliance (formerly JCS), June 27, 2023.
- Dr. Sean Miller presented “AI Art and Large Language Models in Game Development” at the 2023 TechFusion Fest Conference on April 25, 2023. Dr. Miller explored the ground-breaking impact of image generators and large language models on the future of game development and the gaming industry.
- Mr. Anthony Drummonds presented a conference paper titled, “The Impact of Phishing on Smart City Development: Can Behavioural Economics Provide and Explanation?” at the Caribbean Sustainable Cities Conference 2022. Mr. Drummonds was also a member of the conference’s technical planning committee. The conference was held November 16–18, 2022. The aim was to reflect critically on the Caribbean’s attainment of Sustainable Development Goal 11: Sustainable Cities and Communities. Mr. Drummonds also hosted a special student workshop titled, “Surviving and Conquering the Digital Space.” Students from schools across Jamaica participated.
- Mr. Anthony Drummonds and Dr. Ilenius Ildephonc (UWI, Five Islands) organized a virtual Cybersecurity Workshop on October 27, 2022, entitled, “Cyber-Care, Cyber-Aware.” The workshop had international and regional presenters. Students from Mona, WJC and Five Islands campuses engaged in various cybersecurity challenges to raise their awareness. The workshop had the following presentations on the various aspects of cybersecurity.
 - Dr. Lavanya Elluri, Texas A&M University, Central Texas (TAMUCT), “Automating Regulations for Data Security on the Cloud.”
 - Dr. Sean T. Miller, Lecturer, Department of Computing, UWI, Mona, “Bots and Botnet Detection.”
 - Mr. James Clavin, CTO of Hilltop Institute, “Integrating Blockchain with Knowledge Graphs for Securing Health Data Exchange.”
 - Mr. Anthony Drummonds, Instructor, Department of Computing, UWI, Mona, “Phishing Attacks in the Caribbean.”
- Dr. Gunjan Mansingh was a panellist on Attracting and Retaining Top Talent at the Jamaica Technology and Digital Alliance Annual Conference. The theme of the conference, held November 17–18, 2022, was Creating a Sustainable Digital Future.

- Prof. Daniel Coore was the invited guest speaker at the Code Jamaica Awards for achievement in the Bebras, Kangaroo Math and Oxford University Coding Challenge competitions. This was an event hosted by Halls of Learning, celebrating Jamaican primary and secondary school students who had consistently reached the finals of these 3 international mathematics and coding competitions. The awards ceremony was held on November 22, 2022.
- Dr. A. G. Hamilton-Taylor presented a special screening of his 3D documentary, “An Ethiopian Journey in 3D: Exploring Ancient Ethiopian Heritage Virtuality” at the Ethiopian Orthodox Tewahedo Church in Kingston on October 16, 2022. This was for the visit of H. I. H. Prince Ermias Sahle-Selassie, President of the Crown Council of Ethiopia.

OUTREACH/IN-REACH ACTIVITIES

- Dr. Philippa Bennett attended the Girls in ICT Day held at the AC Marriott Hotel on April 27, 2023. On the same day, Prof. Gunjan Mansingh, in supporting women in tech, participated in the CARICOM girls in ICT and RSC International Celebration of Girls in ICT Day. The theme was ‘Girls in ICT and the boys who support them.’ Prof. Mansingh spoke about creativity with artificial intelligence. Prof. Mansingh also participated in the Global Services Sector (GSS) Gender Conference and Workshop held at the Pegasus Hotel Kingston on March 31, 2023. She was a panellist for a session titled “Imagining a future of gender equality in Jamaica’s GSS.”
- Dr. Hamilton-Taylor presented on the activities of the WAVE Lab as a panellist on the webinar convened by the CARICOM Digital Skills Task Force and UNESCO on March 2, 2023. The theme was: “Education: Unlocking the Potential of Every Mind.”
- The Department was also represented at the career day event at the SOS Children’s Village on May 19, 2023. Dr. Sean Miller allowed the children to witness how artificial intelligence can interpret human language to generate images, providing them hands-on experience with cutting-edge technology.
- ChatGPT has been topical, and the Department of Computing contributed to the discussion. On March 23, 2023, the Department participated in a panel discussion hosted by Science for Today on the topic, “ChatGPT and Education: Threat or Opportunity?” Prof. Daniel Coore moderated the panel, while Dr. Sean Miller and Mr. Matthew Stone, graduate student, were panellists. Prof. Coore and Mr. Stone also participated in a discussion on ChatGPT on CVM TV on March 24, 2023. Dr. Paul Gaynor shared his views at the Science Festival on March 31, 2023, in a talk titled “Chat bout, like ChatGPT.”

- The Department of Computing collaborated with First Tech Challenge (FTC) Jamaica as a sponsor for the first Lego League. This was held at the Assembly Hall on Saturday, May 27, 2023. This program is part of the work done by FTC Jamaica and included raising funds to equip schools with Lego kits, coordinating local and international volunteers to conduct workshops with teachers and students. The goal is for students to learn to build and program their own robots. Dr. Ricardo Anderson, Planning Committee Chairperson and the Tournament Director for FTC Jamaica, was responsible for the Department's engagement in this event.
- July 18–20, 2023, Dr. Busby Earle delivered a masterclass to staff of Mayberry investment Limited on the types of malicious cybersecurity activities and related risks. He looked at the possible implications of these activities and made recommendations for mitigating the effects of such activities. This masterclass, titled *The Growing Importance of Cybersecurity: Understanding Your Role in Protecting Mayberry*, was in response to a cyberattack on Mayberry's systems.
- Three students were trained by Dr. Claudine Allen and a member of the International Software Architecture Quality Board (iSAQB). The students were trained free of charge under the partnership agreement between the University of the West Indies, Mona and iSAQB. Under this program, the University is featured on the academic partnership website of the iSAQB and gained access to a network of professionals as well as training materials for software architecture. Additionally, the University can use their accredited CPSA-F training content to train our full-time students. Dr. Allen initiated this partnership as an accredited CPSA-F trainer.
- Prof. Daniel Coore was invited to participate in a consultative meeting on October 3, 2022, at the Development Bank of Jamaica (DBJ) with its prospective partnering institutions for rolling out an upcoming program to support funding patent applications in foreign jurisdictions.
- Prof. Daniel Coore presented on the IP licensing experience of the Cardiac Surgery Simulator at MORI webinar on October 13, 2022.
- Prof. Daniel Coore was an internal assessor for the quality assurance review of the computing programs at the Five Islands Campus. The assessment took place October 19–20, 2022.
- Prof. Gunjan Mansingh was an internal assessor for the quality assurance review of the Department of Computing and Information Technology, St. Augustine Campus, October 17–21, 2022.
- Prof. Daniel Coore gave a presentation entitled, "Improving the Efficiency of Intellectual Property Negotiations at the UWI" at the strategic planning meeting on September 22, 2022, for heads of centres. This presentation elaborated on a paper he co-authored for deliberation at a meeting of the BGSR earlier in 2022.

- Prof. Gunjan Mansingh, in her role as vice president for innovation and education for Jamaica Technology and Digital Alliance (JTDA), collaborated with Universal Service Fund (USF) to launch tech clubs in high schools. She was invited to speak at their launch event held on September 30, 2022, at the Medalion Hall Hotel, an event attended by school principals and teachers from 28 selected schools.

PROFESSIONAL ACTIVITIES AND BOARD MEMBERSHIPS

- Prof. Gunjan Mansingh was awarded a certificate of recognition from Jamaica Technology and Digital Alliance (JTDA) on March 30, 2023, for invaluable contribution to the Information Technology (IT) Sector.
- Prof. Daniel Coore served on the following external boards and committees: e-learning Board of Directors, Jamaica National General Insurance (JNGI) Board of Directors, Mona Geoinformatics Board, and the University Council of Jamaica (UCJ) Computing Standards Committee as Chair.
- Prof. Daniel Coore served on the following University/Faculty boards and committees: Faculty working group for establishment of the Caribbean Centre for Research in Bioscience (CCRIB), FST Entrepreneurial Faculty Committee as Chair, and Mona Entrepreneurial Campus Committee as Chair.
- Prof. Gunjan Mansingh served on the following external boards: eGov Jamaica Ltd. as Chair, Jamaica National Financial Group Ltd. as Director, Jamaica Digital and Technology Alliance (JDTA, formerly Jamaica Computer Society) as Vice President – Innovation and Education, National ICT Advisory Council (NICTAC) of the Ministry of Science, Energy, and Technology as Deputy Chair. NICTAC was converted into the Digital Transformation Advisory Council (D-TAC). Prof. Mansingh was named to the Board of D-TAC as a member with effect from July 31, 2023.
- Dr. Daniel Fokum served on the UCJ Board.

PARTNERSHIPS

- The University of the West Indies, Mona is now a partner of the International Software Architecture Quality Board (iSAQB). Under this program, the University is featured on the Academic Partnership website of the iSAQB and gains access to a network of professionals as well as training material for use in software architecture training at the University of the West Indies, Mona. In addition, the University is permitted to offer CPSA-F training (not for profit) using their accredited training content to our full-time students. There are several other benefits outlined on the iSAQB website. Dr. Claudine Allen initiated this partnership, and she is an accredited CPSA-F trainer.

- Dr. Busby-Earle was invited to the University of Leeds, School of Mechanical Engineering in the Faculty of Engineering and Physical Sciences in the UK as a visiting professor, March 12–13, 2023. The institution invited him to lead a series of cybersecurity orientation meetings to discuss future collaboration plans and to speak about his research areas of interest to academics, technical and professional services staff, and staff in the School of Mechanical Engineering.

JamCoders Summer Camp

- The second JamCoders camp was held in partnership with AddisCoder, Inc. from July 2–28, 2023. The organizers included Prof. Gunjan Mansingh (co-chair) and Dr. Daniel Fokum from the Department. The other UWI organizers included Mrs. Elecia Myers and Mrs. Terry-Ann Collins-Fray from the Faculty Office. Over 400 students in grades 9–11 representing all parishes of Jamaica applied for 50 places. Ultimately, 48 turned up for the camp. The lecturers for this year’s camp included Prof. Boaz Barak (Harvard University), Dr. Timnit Gebru (Distributed Artificial Intelligence Research Institute), Prof. Jelani Nelson (University of California – Berkeley), and Prof. Daniel Coore (UWI, Mona). The lecturers were assisted by 11 teaching assistants, including two UWI Mona students: Ms. Kerene Wright and Ms. Zaria Chen Shui. Overall, the camp was a success based on the positive comments received from the students following the camp. The camp organizers were also pleased with the organization of the camp. The organizers are in discussions to explore running the camp in 2024.

PUBLICATIONS

Book Chapters

- Ildephonc, I., **Allen, C.** (2022). An Ontological Model to Design the Specifications of Effective Educational Games. In: Kiili, K., Antti, K., de Rosa, F., Dindar, M., Kickmeier-Rust, M., Bellotti, F. (eds) Games and Learning Alliance. GALA 2022. Lecture Notes in Computer Science, vol 13647, p. 334–341. Springer, Cham. https://doi.org/10.1007/978-3-031-22124-8_35

Conference Proceedings

- Allen, C., Ildephonc, I. , “Communicability – a Software Quality Attribute Proposal,” SoutheastCon 2023, Orlando, Florida, USA, 2023, pp. 647–653, <https://doi.org/10.1109/SoutheastCon51012.2023.10115145>.

STUDENT MATTERS

Four undergraduate students from the Department of Computing received awards at the Faculty of Science and Technology Awards Ceremony on Thursday, April 6, 2023. Raheem Wilson received the Karl Robinson Award for the best final year computer science student through to the end of the first semester of 2022/23. The Ezra Mugisa Award for the best second-year software engineering student went to Brittany Morgan. The NCB Best Second-Year Information Technology Award went to Roberna Black, and the NCB Best Second-Year Computer Science Award went to Raheim Rampart.

ALIGNMENT

Academic

Attractive courses are offered to meet and develop the need of our current industry.

Internships

Numerous relationships have been formed with organizations to make the internship programme larger as the years progress. The recruitment process continues via Zoom with our local and international associates. In the 2022/23 academic year, 33 students participated in various internship activities. Fifteen (15) student interns were identified by the Department and vetted by NCB (National Commercial Bank) for The UWI-NCB Agile Lab. All 15 students from the NCB Agile Lab have received full-time offers with the bank.

A virtual meeting was held between Goldman Sachs and computing representatives from the UWI campuses in Mona, Cave Hill, and St. Augustine. The purpose of the meeting was to communicate the lessons that Goldman Sachs learned from last recruiting exercise. In 2021/22, Goldman Sachs did not hire any interns from the Mona Campus, and unfortunately, no one was hired from the Mona Campus in 2022/23.

Career Fair

The Department along with the UWI Mona Computing Society and UWI's Placement and Career Services hosted a face-to-face career fair on March 30, 2023, at the Assembly Hall. Ten (10) companies participated in the face-to-face event, namely, Vertis Technology, MC Systems, Norus, MSTECH Solutions, VM Express, Real Decoy, Particular Presence, Grid Dynamics, JAMPRO, and Star Apple Analytics. Three (3) other companies participated virtually: eGov Jamaica Ltd, Grace Kennedy Group and JNGI. The event was a huge success as 101 individuals registered for it and several students got interviews with the participating companies.

FST Science Festival

The Computing booth at the FST Science Festival held on March 31–April 1, 2023, featured several engaging games designed to challenge and entertain visitors. One game featured ChatGPT, a sophisticated chatbot, that users could interact with in order to determine if they were speaking with a human or a machine. Another popular game challenged visitors to write Python code to successfully land a spaceship, which proved to be a fun and engaging way to learn about coding. Finally, the Bing image generator game was a hit with visitors, who enjoyed the challenge of trying to generate an image that was similar to the one they were given. Overall, the Computing booth was a great success, showcasing the fun and exciting possibilities with computing.

AGILITY

The Department of Computing (DoC) continues expansion of internship programmes. There are now 12 companies participating in the internship programme.

This year, Prof. Daniel Coore taught the Analysis of Algorithms course virtually to students at the Five Islands Campus. The things developed during COVID-19 lockdown as well as the lessons learned from those course offerings allowed us to teach (and assess) effectively by distance.

Our postgraduate programmes, Summer School and the NCB-UWI Agile Lab project continue to be income generating for the department. In the 2022/23 academic year, the M.Sc. in Computer Science programme generated a surplus of \$6,918,443.81, while the Applied Data Science programme had a surplus of \$11,682,126.25. Summer School generated \$2,887,276.61 and the Consultancy fund's balance was \$3,671,949.97 at the end of the period.

CONCLUSION

The Department of Computing has made a worthwhile contribution to the University. It now serves the highest number of students across all academic units within the Faculty of Science & Technology. The Department's graduates are highly sought after by employers. The Department will need more human and space resources so that it can continue to provide students with a quality education in various computing disciplines. In the short term, the Department requires a computer lab that can seat at least 60 students. Longer term, the Department requires a new building to accommodate its students and staff. The Department also requires an academic establishment that enables it to better serve its student population without relying as much on adjunct staff.



DEPARTMENT OF GEOGRAPHY AND GEOLOGY

Dr. Sherene James-Williamson – Head of Department

WORK OF THE DEPARTMENT

At the beginning of the 2019/2020 academic year, the Department established a 5-year strategic plan (2019–2024) around six priority areas: staffing and administration; teaching and undergraduate curriculum; research and postgraduate programmes; finance and resource mobilization; outreach, visibility, and linkages and; infrastructure and work environment. The strategic plan is established on a vision for progressive and transformational change to support novel and societally relevant research and teaching while engendering a culture of staff success and happiness.

The department had a change in leadership from Dr. Donovan Campbell to Dr. Sherene James-Williamson at the start of the 2022–23 academic year. The new Head of Department has since continued on the trajectory, started by the strategic plan in 2019, with additions related to: implementing the recommendations of the Quality Assurance Review (QAR), curriculum reform towards revision of courses across both disciplines to include partnerships with other departments within as well as out of faculty and unifying the department through bridging the gap between the 2 disciplines and encouraging research.

To this end, 2 curriculum development seminars were held. The first of which explored the University process for preparation, submission and approval of new and revised courses and the second saw a full brainstorm session to determine where changes were required and what changes needed to be made and courses to be added. Revision and development tasks assigned.

The department produced its first report post QAR. This was very well received by both Faculty and Academic boards. The department highlighted among other things, the need for new field vehicles, new computers and microscopes, and remodeling projects to improve safety and security and boost morale.

The Department was engaged in a rationalization process for staffing as well as courses. The curriculum reform plans aided this process significantly.

- Dr. James-Williamson was appointed Head of the Department of Geography and Geology; Deputy Chair of the Technical Advisory Committee (TAC) for The University of the West Indies Disaster Risk Reduction Centre (DRRC); reappointed as Chair for the Campus Committee on Examination; re-elected Editor for the Caribbean Journal of Earth Sciences for the academic year; and continues to serve the Jamaica National Heritage Trust Declarations Committee; and Caribbean Examinations Council as Assistant Chief Examiner.
- Dr Donovan Campbell was promoted to the rank of Professor. He is now Professor of Environmental Geography.
- Dr Sarah Buckland was engaged on a temporary 1-year contract to replace Professor Donovan Campbell who was on 1-year no-pay leave.
- Mr Kevin Tankoo was appointed Research Fellow at the Earthquake Unit.
- Mr. Rajne Reynolds and Mr Matthew Rahamut graduate students in the Department were engaged as adjuncts to replace Dr Michael Burn who resigned in September 2022.
- Dr Patrice Pinder joined the department on September 1, 2022 as Honorary Researcher for a period of 1 year.

Special Projects

- The Earthquake Unit continues to be a valuable asset to the people of Jamaica. They have increased capacity through funding and through collaboration has increased and maintained visibility within various Government agencies. Their event reporting capacity has increased significantly.
- The Department continues its research consultancy opportunity on the Connecting Communities for Climate Change and Disaster Preparedness in Dominica Project (CCC-DRIP) funded by IDRC Canada through the Institute for Sustainable Development (ISD). A new agreement was signed since the project was extended from the original January 31, 2023 end date due to the delays encountered during the period of the Covid-19 pandemic. The project has been extended until June 2024. The extension is only a time extension, the initial funding of JMD\$19 million remains with 40% already spent on the earlier stages of the project. The Project received the Principal's Research Awards for the project attracting the most research funding for 2021. This second phase of the project began in August 2022 with the planning and designing of the vulnerability of assessment.
- The Department was invited as a strategic partner for the Mona School of Business and Management (MSBM)-Caribbean School of Data (CSOD) Open Cities project. The team members participating in this initiative are Dr. Sherene James-Williamson, Dr Jason Tambie, Dr Robert Kinlocke and Dr Thera Edwards.

The undergraduate students Caitlin Milne and Rodane Samuels (finalizing undergraduate students who participated in Youth Mappers Fellowship Conference in January 2023) have been included as facilitators for the training sessions for the project.

- The Department re-established the Unit for Disaster Studies and the Marine Geology Unit. The Unit for Disaster Studies will be coordinated by Dr Aprita Mandal and Dr Rose-Ann Smith, The Marine Geology Unit will be coordinated by Dr Taneisha Edwards and Dr Jason Tambie. The Department held a handover meeting for the Marine Geology Meeting. The meeting facilitated a discussion and symbolic passing of the baton from Professor Emeritus Edward “Ted” Robinson who started the unit over 20 years ago to Dr Taneisha Edwards and Dr Jason Tambie who were assigned responsibility for the Unit.

ACCESS

STUDENTS

The Department launched social media pages and revamped its website in a bid towards attracting more students and providing timely information to the public. The department through the student societies (UWI Geological Society, UWI Geographical Society and YouthMappers) promote the department and the geosciences at large both on and off campus.

The department has carried out minor upgrades with plans for major upgrades in the upcoming academic year to improve the student teaching and learning experience. The introduction of a student experience liaison has helped to streamline activities and engage with students.

The department has also embarked on cross-campus teaching with our colleagues in the Department of Geography in St Augustine. Students from St Augustine will be able to take our Applied GIS and Remote Sensing Course as part of their GIS minor which was introduced during this academic year. All field classes resumed for the 2022–23 academic year as many were suspended due to the Covid-19 pandemic.

STUDENT AWARDS:

Post Graduate

- The Department graduated 2 postgraduate students – Peta-Gay Harris, MPhil Geology (Supervised by Dr Arpita Mandal) and Beverline Brown-Smith, PhD Environmental Management (Supervised by Dr Robert Kinlocke).

- Thera Edwards and Aleem Mahabir received Certificates of Completion with Merit for the course Research Writing in the Social Sciences on October 7, 2022. Certificates of Participation in three additional Modules, Academic Writing Skills, Proposal Writing with Impact – Part 1, and Proposal Writing with Impact – Part 2 were also awarded. The course was offered by the International Network for the Availability of Scientific Publications (INASP) and AuthorAID. Their participation was sponsored by the Royal Geographical Society (RGS).
- Roshaun Brown has been invited and sponsored to participate in the International Seabed Authority/Geosciences and natural resources (ISA/BRG) at sea training programme for 6 weeks, March 28–May 14, 2023. Two weeks at sea to survey north-eastern Clarion – Clipperton Zone assessing and sampling of polymetallic manganese nodules along with sediments from the sea floor. Four weeks at the Institute for Geosciences and Natural Resources, Hannover, Germany (BGR) for geochemical analyses of sediments and polymetallic nodules.

The following students received R&P grants to attend international conferences:

- Jorjan Dolphy, MPhil Candidate, Geology
- Romario Anderson, MPhil Candidate, Geography
- Shaughna-Lee Steele, PhD Candidate, Geography
- Lance Scott, PhD Candidate, Geography
- Kristinia Doughorty, PhD Candidate, Geography
- Aleem Mahabir, PhD Candidate, Geography

Undergraduate

The following students received awards from the Geological Society of Jamaica

- Kemala Alexander – The Charles Alfred Matley Award (Level 1 prize) for Academic Performance.
- Brianna Alexis-Marie Walker – The Verners A. Zans Award (Level 2 prize) for the Best Field Map.
- Kimoy-Marie Douglas – The Trevor Jackson Award (level 2 prize) for Best Performance in Igneous and Metamorphic Petrology
- Isabelle Chen – The Raymond Wright Award (Level 3 prize) for Best Geology Project.
- The 2022 CCRIF Undergraduate Scholarship recipient was Duvania Evans (Geography Major, Tourism Management Minor)

Student numbers

Undergraduate				Postgraduate	
<i>Geography</i>		<i>Geology</i>		MPhil Geography	5
Year I	50	Year I	40	MPhil Geology	3
Year II	23	Year II	14	Ph.D. Geography	7
Year III	16	Year III	26	Ph.D. Geology	3

RESEARCH AND GRADUATE ACTIVITY

The department was recognized by the faculty at the annual awards ceremony for its outstanding throughput of publications during the 2021–2022 academic year. In order to increase and maintain research and publication output the HOD hosted a seminar with Junior members of staff to sensitize them about the assessment and promotions process. Discussions were held on where to publish. Attempts were made to indicate where synergies between colleagues can boost publication output.

The Marine Geology Unit and the Unit for Disaster Studies were re-established to boost research, grantsmanship and publications. To ensure continuity, 2 members of the academic staff will support the unit as co-coordinators.

PUBLICATIONS

Book Chapters

- Cruickshank, A., Smith R., Compton, S., and Laidlow-Ferdinand, A. 2023. “A post-eruption analysis of the significance and challenges of addressing disaster risk management through community-based organisations in the north of Saint Vincent island, Saint Vincent and the Grenadines.” In *Handbook of Civil Society and Social Movements in Small States*, edited by *Lino Briguglio*, Michael Briguglio, Sheila Bunwaree & Claire Slatter, 105–119.

Edited Volumes

- *Caribbean Journal of Earth Science*, Volume 54. Editor James-Williamson, S.A.

Refereed Journal Articles

- Becher, O., Pant, R. Verschuur, J., **Mandal, A.** Paltan, H., Lawless, M., Raven, E., Hall, J. 2022. A multi-hazard risk framework to stress-test water supply systems to climate-related disruptions, *Earth’s Future*, Dec 2022. <https://agupubs.onlinelibrary.wiley.com/doi/pdf/10.1029/2022EF002946>
- **Buckland, S.** 2022. ‘To What Extent Is Parental Involvement Associated with

School-Based Adolescent Delinquency in Jamaica?'. *Caribbean Journal of Psychology*. 15(2) DOI:10.37234/CJP.2022.1502.A002.

- Kokesh, B. and **Stemann, T.** 2022. Dead men still tell tales: bivalve death assemblages record dynamics and consequences of recent biological invasions in Kingston Harbour, Jamaica. In Nawrot, R., Dominici, S., Tomašových, A. and Zuschin, M. (eds) *Conservation Palaeobiology of Marine Ecosystems*. Geological Society, London, Special Publications, 529, <https://doi.org/10.1144/SP529-2022-28>.
- **Mitchell, S.F.** 2022. Lower Campanian hippuritid rudists (Bivalvia) from the Dry Hill Formation of central Jamaica. *Cretaceous Research*. Online 31st October 2022.
- **Mitchell, S.F.** 2023. The development of the geological map of Jamaica in the Nineteenth Century. *Caribbean Journal of Earth Science*, **55**, 1–14. (Available online 3rd July 2023).
- Ramlal, B. and **Tambie, J.** 2022, “A Qualitative Assessment of Geospatial Data Sharing Policies in the Caribbean”, *Industrial Engineering and Management Journal*, Vol.1, No. 2, December 2022, pp. 4–13

Conference Proceedings & Published Abstracts

- **Mitchell, S.F.** and **James-Williamson, S.A.** (2022). Late Cretaceous rudist bivalves of the Caribbean Province. The First 100 IUGS Geological Heritage Sites. IUGS, Spain 2022 p106–107. ISBN: 978-1-7923-9975-6 (**Peer-reviewed**)
- Rahamut, M. O. and **Stemann, T.A.** 2022. Signals of two-stage accretion of the Late Pleistocene coral reef deposits in Treasure Beach and Rio Bueno, Jamaica. *Geological Society of America Abstracts with Programs*. Vol 54, No. 5, 2022 doi: 10.1130/abs/2022AM-381079 (**Peer-reviewed**)
- Harris Peta-Gay, **Mandal Arpita** and Gordon Smith Debbie Ann. 2022. Groundwater Quality and Water Resource Assessment of The Kingston Basin Jamaica. *Geological Society of America Abstracts with Programs*. Vol 54, No 5, 2022. doi: 10.1130/abs/2022AM-381792 (**Peer-reviewed**)

Other Publications

- **Edwards, Thera.** 2022. “Climate Change Adaptation Plan: Coastal Sector.” Prepared for the Ministry of Housing, Urban Renewal, Environment & Climate Change on behalf of the Climate Studies Group, UWI.
- **Edwards, Thera, M. Ford** and E. Robinson. 2022. “Vulnerability Risk Assessment Report for Five Priority Sectors: The Coastal Sector”. Prepared for the Ministry of Housing, Urban Renewal, Environment & Climate Change on behalf of the Climate Studies Group, UWI.

- Mahabir, A. 2022. Book review: Multifaceted Identities of Immigrant Haitian Families: Coping Strategies and Strengths. *Caribbean Quarterly*, 68(4), 625–627. <https://doi.org/10.1080/00086495.2022.2139561>
- Mahabir, A. 2023. Book review: The City as Action: Retheorizing Urban Studies. *Urban Studies*, 60(1), 205–207. <https://doi.org/10.1177/00420980221137012>
- Smith, R. 2023. “Back to the Future: Organic Coffee farming for Climate Change Mitigation and Sustainable Livelihoods”, Blog Post, Women in Coffee (JAWiC), <https://jawic.org/blog/back-to-the-future-organic-coffee-farming-for-climate-change-mitigation-and-sustainable-livelihoods>
- Lester, S. 2023. “Closing the water loop to accelerate change,” *Jamaica Gleaner*, 22 March (print).
- Mahabir, A. “The opportunities and challenges in making the renewable energy transition in the Caribbean region.” It was featured on the Caribbean Centre for Renewable Energy and Energy Efficiency’s (CCREEE) website: <https://www.ccreee.org/blog/making-the-transition/>

ALIGNMENT

PAPERS PRESENTED

Conference Presentations

- McHugh, C.M., Seeber, L., Hornbach, M., Wright, V., Steckler, M.S., Magnani, M.B., Gulick, S.P.S., Leroy, S., Cabiati-Pico, V., Kersh, J.C., Kilburn, R., Dasent, J., **James-Williamson, S.**, Chillrud, S.N., Ross, J.M. 2022. Submarine Record of Disastrous Earthquakes at a Strain Partitioned Transpressional Boundary: NSF RAPID Response of the Enriquillo-Plantain Garden Fault, Jamaica Passage. T15C-0142 presented at the AGU Fall Meeting, 12–16 December, 2022, Chicago, Illinois, USA and online.
- **Mandal, A.** 2022 Groundwater Quality and Water Resource Assessment of the Kingston Basin Jamaica. Presented at GSA Annual Meeting 12th Oct, Denver USA.
- **Lester, S.** 2022. Good Water Governance: Shifting the Paradigm for a Water Secure Future in Jamaica. Presented at the Caribbean Water and Wastewater 31st Annual Conference and Exhibition on October 17–21, 2022. Nassau, Bahamas.
- **James-Williamson, S.A.** 2022. “Late Cretaceous rudist bivalves of the Caribbean Province.” Presented at the IUGS 60th Anniversary Conference in Zumaia, Spain October 25–28, 2022.

- **Edwards, Thera.** 2023. Jamaican delegate for discussions on “contributions to the IPCC Sixth Assessment Report on The Physical Science Basis, Impacts, Adaptation and Vulnerability, and Mitigation of Climate Change”. Fifth International Conference for the World Balance, Havana, Cuba, January 26, 2023.
- Cruickshank, A., **Smith R.**, Compton, S., and Laidlow-Ferdinand, A. 2023. “A post-eruption analysis of the significance and challenges of addressing disaster risk management through community-based organisations in St. Vincent and the Grenadines,” Saint Vincent and the Grenadines.” Explosions, Ash and Lahars: The 2020–21 Eruption of La Soufrière Volcano, St.Vincent. Country Conference 2023, March 29–30, 2023.
- **Lester, S and Campbell, D.** 2023. “The Interplay among Food Security, Wellbeing and Climate Risk Management Practices in the Upper Rio Minho Watershed. “ HRDSG Hazards in Agricultural and Pastoral Regions 1 Session, American Association of Geographers Annual Meeting 2023, March 23–27, 2023.
- **James-Williamson, S.A.** and Dolphy, Jorjan E. “Geoparks as a Repository for Natural Heritage in the Caribbean” Presented Panel at Museums Association of the Caribbean Conference, Nassau, Bahamas, March 1–5, 2023. 2023 MAC Conference Digital Programme Book pp. 9–10.
- Anderson, R.A and **Kinlocke, R.L.** 2023 An examination of the digital divide and its implications for social and economic development in Fruitfulvale, Jamaica. American Association of Geographers Annual Meeting 2023.
- Dougherty, K. 2023. Factors influencing the adoption of climate smart agricultural practices in Grenadian nutmeg agro-ecosystems. American Association of Geographers Annual Meeting March 23–27, 2023, Denver Colorado, USA.
- Mahabir, A.I and **Kinlocke, R.L.** 2023. Mindsets of marginalisation: Exploring the emotional geographies of exclusion, explicit bias, and discrimination. American Association of Geographers Annual Meeting March 23–27, 2023, Denver Colorado, USA.
- Steele, S. 2023. Challenges and Opportunities for Community Resilience: An Assessment of Coping and Adaptation Strategies to Rainfall Hazards in the Rio Grande Valley, Jamaica. American Association of Geographers Annual Meeting March 23–27, 2023, Denver Colorado, USA.
- Scott, L. 2023. Socio-economic and behavioural factors influence farmer’s willingness to use individual and group weather insurance. American Association of Geographers Annual Meeting March 23–27, 2023, Denver Colorado, USA.
- **Mandal, A.** 2023. attended Hydromet Caribbean, a regional symposium for the Caribbean with weather, water and climate professionals organized by Varysian on January 31–February 2, 2023 at the Jamaica Pegasus. The symposium focused on improving data, developing partnerships and building resilient hydromet infrastructure.

- **Smith, R. 2023.** “Moving beyond Quantity: Areas for Intervention in Strengthening Community Resilience to Climate Change.” presented at the Commonwealth Science Conference (CSC), February 22–26, 2023.
- Plummer, N., A. Richards and **T. Edwards.** 2022. Connecting Caribbean Youth to Climate Justice through Plant Heritage Stories and Music. Mico University College Online Conference on Climate Change and Environmental Education. October 14, 2022. <https://www.youtube.com/watch?v=V3Uwppw5xDI>

Workshops/Webinars/Seminars

Invited Talks

- **Simon F. Mitchell.** “Everything you ever wanted to know about earthquakes” Kiwanis Club of Kingston. 24th January 2023.
- **Mandal, A.** Hazard Assessment Methodology and Work Plan. Presented at the CCDRIP ISD workshop on Hazards and Early Warning system in Dominica. October 19, 2022.
- **James-Williamson, S.A.** Vulnerability Assessment Methodology and Work Plan. Presented at the CCDRIP ISD workshop on Vulnerability Survey for the CCDRIP in Dominica. October 19, 2022.
- **Dr Rose-Ann Smith** participated in the Ministry of Economic Growth and Job Creation Consultations on the Draft National Squatter Policy and Implementation Plan.
- **Dr Robert Kinlocke** participated in the Ministry of Economic Growth and Job Creation Consultations on the Draft National Squatter Policy and Implementation Plan.
- **Dr Sarah Buckland** presented at the *Keyano College Conference on Climate Change, Canada* (Virtual Presentation) March 25, 2023. “Critical Analysis of the IPCC Climate Risk Framework in Predicting Impacts in a Developing World Context: Case Study of Community Scale Drought Assessments Across Selected Farming Areas in Clarendon, Jamaica”.
- **Dr Thera Edwards** presented on the topic ‘SDG 13 Climate Action – What Can NGOs Do To Combat Climate Change and Its Impact?’ in the Council for Voluntary and Social Services and Caribbean Policy Development Centres series for Capacity strengthening of Civil Society Organisations on April 18, 2023.
- **Dr Thera Edwards** was a panellist for “Reimagining Nanny: Her Sword, A Seed.” Panel Discussion on Nanny of the Maroons hosted on March 23, 2023 by New York University.
- **Dr. Thera Edwards** was a panellist along with L. Douglas, M. Smith and Gamma Mama G for the “ReImagining Nanny: Her Sword, A Seed Documentary Premiere and Panel Discussion” at 15th Annual Charles Town Maroon Conference and Festival. June 24, 2023.

- **Dr. Thera Edwards** was a facilitator at workshops for the “Teaching Climate Justice and Resilience through Ancestral Plant Heritage in Jamaica” project held in Linstead and Lauriston, St. Catherine. October 13 & 14, 2022.
- **Simon F. Mitchell.** “Timing and distribution of Paleogene (30–66 Ma) rifting in Jamaica” Geological Society of Jamaica public lecture, 14th March 2023.
- **Simon F. Mitchell.** “The Earthquake Unit and Earthquakes” (invited talk). Earthquake Symposium, University of Technology, Jamaica, 18th May 2023.
- **Dr Shaneica Lester** presented “Rethinking Urban Water Management: A Case of the Kingston Water Supply System” at the Varysian Network Webinar on July 13, 2023.
- **James-Williamson, S.A.** 2023 “Geoconservation in Jamaica” presented at the ProGEO regional network for Latin America and the Caribbean Inaugural Workshop (Virtual) on April 26, 2023.
- **Dr Arpita Mandal** presented at the B.R.E.W. Online Research Forum – Part 1: Water – Agenda March 22nd 2023. Topic: Water – A Vanishing Resource.
- **Dr Thera Edwards** presented “Jamaica’s Watershed Area Management Mechanism.” Talk at Faculty of Science and Technology B.R.E.W Online Research Forum, Part 1 – Water. March 22, 2023.
- **Dr. Shaneica Lester** attended GlobalSCAPE: Global Relevance in Science Communication Workshop on February 10, 2023. The workshop is part of the Horizon 2020 GlobalSCAPE Project – funded by the European Union The workshop was focused on raising and building the capacity of the science communicators about differences in audience and context when planning and delivering science communication. The workshop presented an opportunity to assess gaps in science communication locally and globally and solutions to some of the barriers to effective science communication.
- **Dr Patrice Pinder** “East meets west: A candid talk on the pros and cons of using standardized tests as assessment tools of students in mathematics and science; globally, what appears to work and not work?” Invited Presentation Given at The 1st Standard-based Assessment and Evidence-based Research (SAER) International Conference (Hybrid), Jiangsu University, Zhenjiang, China (Virtual) [International Visibility–China].

Conference/Workshop/Webinar Attendance

Dr Shaneica Lester

- participated in a Webinar themed: “World Water Day 2023 – “Water for people and cooperation partnership.” Monday March 20, 2023. International Water Resources Association (IWRA).

- participated in the 2nd Caribbean Symposium on Water hosted by the Global Water Partnership Caribbean (GWP-C) on Tuesday March 21, 2023 (virtual).
- attended the first meeting of the Consortium of World Meteorological Organization (WMO) Education and Training Collaborating Partners (CONNECT) as representatives from Jamaica April 17–19, 2023, online. The meeting was held in Geneva but delivered in hybrid mode.
- **Dr Taneisha Edwards** participated in the Geological Society of America's Joint North Eastern & South Eastern Section Meeting March 13–19.
- **Dr Sherene James-Williamson** and **Jorjan Dolphy** attended the ProGEO regional network for Latin America and the Caribbean Inaugural Workshop (Virtual) on April 26, 2023.
- **Dr Arpita Mandal** attended the first meeting of the Consortium of World Meteorological Organization (WMO) Education and Training Collaborating Partners (CONNECT) as representatives from Jamaica April 17–19, 2023, online. The meeting was held in Geneva but delivered in hybrid mode.
- **Dr Rose-Ann Smith** presented at the Department of Community Health and Psychiatry Disaster Management Virtual Workshop April 17–19, 2023 on the topic "Managing Climate Related Disasters".
- **Dr Thera Edwards** participated as a Lead Author for "Chapter 6 - Scenarios and pathways to a sustainable future" in Workshop #2 on the Second Order Draft of the Grenada National Ecosystem Assessment (Grenada - NEA) on Friday 14th April 2023 via Zoom.
- **Dr Thomas A. Stemmann** attended the Annual General Meeting of the Geological Society of America in Denver, Colorado, USA Oct. 8–12, 2022. Participated in the Oct. 10 meeting of the International Section of the Geological Society of America with discussions focussing on accessing funding for post-graduate students to attend future conferences.
- **Dr Jason Tambie**, attended the ESRI Annual User Conference in San Diego California, July 10–14, 2023.
- Final year Geography majors **Caitlin Milne** and **Rodane Samuels** participated in the YouthMappers leadership Fellowship held in Montego Bay, Jamaica, January 4–13, 2023. The 2023 cohort of leaders was the largest fellowship with 67 tertiary level students from 28 countries. The summit themes were:
 - **M** – Mapping for Climate Resilience
 - **A** – Activating Youth Leadership
 - **P** – Promoting Equity and Inclusion
- Graduate Students Lance Scott, Ayesha Constable and Jhannel Tomlinson represented The UWI/Jamaica at the 2022 United Nations Climate Change Conference (COP27) from November 8–18, 2022 in Sharm El-Sheikh, Egypt.

Lance Scott participated in a group activity surrounding Climate Activism and Climate Justice. He was invited to an official High-Level meeting with the Executive Director of the UN's Climate mobility where they discussed mapping of the Caribbean region and Climate Modelling of climate impact projections.

New partnerships

- Dr James-Williamson engaged Etienne Peterson, PhD candidate Institut d'Études et de Recherches, Université d'État d'Haïti Africaines d'Haïti (IERAH-ISERSS), Lornadale Charles, Managing Director at The Social Mind (TSM) and Samantha Campbell, Assistant Curator, UWI Museum as liaisons in their respective countries for the geoparks and geoheritage aspects of the UNESCO International Geoscience Programme project IGCP718 "Bringing Geoheritage to Life".
- Dominica State College through lecturer Valda Joseph for the CCC-DRIP Project.

Meetings Hosted

- Dr Sherene James-Williamson through her UNESCO IGCP grant (IGCP 718) hosted a webinar entitled "Disaster Heritage: Can Memorializing Disasters Make People More Resilient." the webinar was a collaboration between IGCP 718, IGCP 692, the UWI Museum and the Department of Geography and Geology. The webinar was presented in English, French and Spanish and engaged approximately 50 participants from across Latin America and the Caribbean, Europe and North America. The webinar was moderated by Dr James-Williamson – Presenters included Dr Robert Kinlocke (Geo-Geo, "*Resilience theory and heritage*"), Dr Shani Roper (UWI Museum), Dr Marie Hardy-Seguet (Mémorial de la catastrophe, musée, Martinique), Dr Patrice Pinder (Geo-Geo, "*Building coping strategies and resilience among young children after natural disasters: The role of education in memorializing disasters.*") and Dr Lesley-Gail Atkinson Swaby (History and Archaeology, UWI).
- Arpita Mandal conducted a course on Hydrological and Hydraulic Modeling to the Postgraduate students of The Department of Geography, West Bengal State University, Kolkata July 11–14, 2023.
- Arpita Mandal delivered a guest lecture on Flooding and Landslide hazard in Jamaica;GIS based modeling at The Department of Geography, Womens University Kolkata, July 20th 2023.

Short Courses Attended

- **Dr Rose-Ann Smith** participated in "Sectoral Recovery Capacity Assessment (SRCA) Methodology" Training held at the World Bank Office, June 27–29, 2023, Jamaica. This workshop was organised by CDEMA and the Canada-Caribbean Resilience Facility (CRF). It involved in-depth training on the structure,

scoring and recovery capacity index calculation. Participants were trained in how to apply the tool within countries and how to report on the data collected. Participated in Jamaica Women in Coffee (JAWiC) training session and closing ceremony that focused on building the capacity of women in coffee through training in areas that involve livelihood sustainability and adaptation to climate change impacts.

- **Dr Taneisha Edwards** completed a course entitled Introduction to Applied Micropaleontology held by United States Geological Survey in association with the Geological Society of America March 17–18, 2023
- **Dr Shaneica Lester** completed a Certificate in Climate Resilience and Integrated Water Resources Management, July 4–23, 2023 organized by Caribbean WaterNet, Global Water Partnership-Caribbean Water Academy for Youth and the University of the West Indies, Faculty of Food and Agriculture.
- **Thomas A. Stemann** participated in a short course on Modelling Paleoecological Data on Oct. 8, 2022 in the GSA AGM in Denver, CO.

PUBLIC SERVICE

Dr. Shaneica Lester

- Board member – The Water Resources Authority
- Commissioner – The Land Development and Utilization Commission
- Board Member – Caribbean Geography Speciality Group of the American Association of Geographers in the position of At-Large Officer.
- Member of the Consortium of World Meteorological Organization (WMO) Education and Training Collaborating Partners (CONNECT)
- Fellow – United Nations Environment Programme Global Environment Outlook (GEO-7)
- Member – Caribbean Water and Wastewater Association

Prof. Simon F. Mitchell

- Scientific Committee, International Congress on Rudist Bivalves
- Scientific Committee, Caribbean Geological Conference
- Editor, UWI Contributions to Geology
- Language Editor, Carnets de Geology
- Chairman, Jamaican Stratigraphic Committee

Dr. Sherene James-Williamson

- Editor – *Caribbean Journal of Earth Science*

- Editor – Caribbean Museums
- Member – Science Advisory Committee of the Jamaican National Commission for UNESCO
- Member – ACP-EU Development Minerals Programme Country Working Group
- Member – Declarations Committee, Jamaica National Heritage Trust
- Assistant Chief Invigilator – Caribbean Examinations Council
- Council Member, Geological Society of Jamaica

Dr. Thera Edwards

- 2023 Berkshire Conference of Women, Genders and Sexualities Program Committee
- 53rd Annual Conference of the Association of Caribbean Historians (ACH) Local Organising Committee.
- Geography Awareness Week Planning Committee
- Contributing Expert, World Justice Project (WJP) and the Inter-American Development Bank (IDB Environmental Governance in Latin America study
- Mentor, UWI Mona Guild Intergenerational Women's Mentorship Programme
- Associate Evangelist, Diocese of Jamaica and The Cayman Islands (UWI Chapel)
- Chairman, Board of Directors – Caribbean Coastal Area Management Foundation
- Assistant Chief Invigilator – Caribbean Examinations Council

Mr. Kevin Tankoo (Research Fellow & Unit Head Earthquake Unit)

- AAPG Latin America & Caribbean Region Chapter undergraduate mentor and project advisor

Dr. Arpita Mandal

- Member of the Technical Committee of Global Water Partnership Caribbean (GWP-C)
- Jamaica Representative, CONECT Management Group of WMO Education and Training program

Dr. Taneisha Edwards

- Vice President, Geological Society of Jamaica
- Co-coordinator for the Marine Geology Unit
- Member – American Women Geoscientists
- Member – Geological Society of America

- Member – European Geophysical Union
- Member – Society for Sedimentary Geology
- Member – Coastal Education and Research Foundation

Dr. Thomas Stemmann

- Council Member, Geological Society of Jamaica

Dr Jason Tambie

- Member of the UWI-Trinity Exploration and Production Services Working Group

Dr. Sarah Buckland

- Member of the Global Land Programme

Dr Rose-Ann Smith

- Board Member, Jamaica Women in Coffee (JAWiC)
- Board Member, Enablers of Community Advancement Projects and Initiatives (ECAPI) Limited)

OUTREACH, VISIBILITY & LINKAGES

- Cape Workshop – The department participated in this year’s workshops on January 12 and 13, 2023.
- Simon Mitchell. Fool’s Gold in Hanover, Jamaica. Nationwide, 10th January 2023
- Simon Mitchell. Fool’s Gold in Hanover, Jamaica. Beyond the Headlines, 10th January 2023
- Simon Mitchell. Fool’s Gold in Hanover, Jamaica. TVJ, 11th January 2023
- Simon Mitchell. Fool’s Gold in Hanover, Jamaica. Love FM, 13th January 2023
- Taneisha Edwards. Fool’s Gold in Hanover, Jamaica, Smile Jamaica, TVJ, 11th January 2023

Dr Patrice Pinder

- Research was highlighted and cited in various news articles during the month of January. The list of linked articles are listed below. The research content highlighted relates to her work on “Black immigrants and their STEM performances/achievement in the USA, Canada, and the UK.” Cultural differences in how students perform in STEM was highlighted in the article; as well as advocacy for Black students and immigrants embracing a STEM education.

- @ Word in Black Press (a collaborative of 10 US media outlets across the USA), Thursday, Jan. 5, 2023
- Advocates Believe Education System Should Factor Cultural Differences Between African and African American Students – Word In Black
- @ Seattle Medium News, Wednesday, January 4, 2023 (*This article is one of a series of articles produced by Word in Black through support provided by the Chan Zuckerberg Initiative. Word In Black is a collaborative of 10 Black-owned media outlets across the country*):
- Advocates Believe Education System Should Factor Cultural Differences Between African And African American Students – The Seattle Medium
- @ Sacramento Observer News, Tuesday, January 10, 2023
- Advocates Believe Education System Should Factor Cultural Differences Between African and African American Students (sacobserver.com)
- @ Intercultural Press News Source, Wednesday, Jan. 4, 2023
- <https://theintercultural.press/a-religion-primarily-based-schooling-system-must-embrace-cultural-variations-between-african-and-african-american-college-students>

Sarah F. Buckland

- Survey Consultation for Belmont Forum Project: Management of Disaster Risk and Societal Resilience Team. Other members of the team included – Michael Jacobson, Penn State University, USA; Adelaide Nardocci, University of Sao Paulo, Brazil; Nazmiye Ozkan, School of Water, Energy and Environment, Cranfield University, UK; Abdullah Konak, Penn State University, USA. (January 2023)
- Warriors, Influencers and Nurturers: Lessons from the Dahlia Flower. Students for Life Jamaica Presentation in collaboration with the Love March Movement and Chosen to GLOW Ministries (January 7, 2023, Devon House, Jamaica).
- Dr Taneisha Edwards had a group discussion with undergraduates in the student's UWI Geographical Society entitled: Strategic career planning for geologists and geoscientists in training. March 2, 2023, 2:00–3:00 pm
- The UWI Geological Society and the UWI Geographical Society jointly hosted a World Water Day Symposium on March 23, 2023, “Accelerating Change” Speakers included.
 - Mr. Geoffrey Marshall, The Deputy Managing Director of the WRA, Dr. Arpita Mandal, Ms. Melissa Curtis and 2 final-year students – Ms. Kelysia Williams and Ms. Kemala Alexander. The programme was moderated by

level 2 students Duvania Evans (Department Representative on FST Guild and Tisheika Thompson (President, UWI Geological Society).

- YouthMappers Mona Chapter was launched on Thursday March 30, 2023 with student leads **Caitlin Milne** and **Rodane Samuels** and Dr Thera Edwards as Staff Advisor.
- **Matthew O. Rahamut** and Thomas A. Stemann led a field trip for the Geological Society of Jamaica to Pleistocene Coral Reef exposures in the Treasure Beach area on 15 April 2023. For this trip the following paper was produced for the participants:
- Rahamut, Matthew O. and Thomas A. Stemann, 2023. Field guide to the Late Pleistocene reef exposures of Treasure Beach, Jamaica. pages 1–6.

AGILITY

INCOME GENERATION

Research Grants

- Earthquake Unit received a grant of **JMD\$100 million from the World Bank and JSIF** to strengthen the capacity of the EQU.
- The Map and Image Library received 2 Sandusky-Lee 72”H Storage Cabinets and ~350 Acid Free Storage Boxes from Gaylord Archival Supplies to provide improved storage conditions for The Royal Holloway College, University of London Aerial Photograph Collection. Total value of the items is **USD\$7,491.74**. Funding was provided by the Glasgow Caribbean Centre for Development Research.

A portrait of Dr. Dwight Robinson, a Black man with a short beard and glasses perched on his head, wearing a light blue button-down shirt. He is looking directly at the camera with a slight smile. The background is a plain, light-colored wall.

DEPARTMENT OF OF LIFE SCIENCES

Dr. Dwight Robinson, BSc UWI, PhD – Head of Department

WORK OF THE DEPARTMENT

The 2022/23 academic year saw the return to face-to-face teaching which was welcomed by the Department as it was impossible to provide our students with the hands-on experience and real-life skills, that are an essential component of tutoring in the Life Sciences, in the virtual space. However, not having operated fully in the face-to-face mode for more than two years, the shift posed some major challenges for both students and staff. The need to fully reactivate an aging physical plant that had been dormant or operating well below capacity for more than two years, revealed several deficiencies that were sometimes challenging to address in a tight fiscal space. Several inter-personal challenges also came to the fore as staff and students adapted to a different kind of in-person interaction in the physical learning environment. Our team, in partnership with our students, had to quickly re-learn and re-initiate various techniques, practices and management strategies to ensure an organized and welcoming learning environment that was conducive to efficient and effective teaching and learning. Despite the many challenges, we were able to weather the transition reasonably well by embarking on an open and inclusive solution-oriented approach that engaged members of all levels of staff and students.

With the country and the world emerging from the COVID-19 pandemic induced 'diapause' the Department was able to re-activate and strengthen its engagement with its internal and external stakeholders. Our Biology Students' Association and members of staff engaged in physical activities to mark National Tree Planting Day, International Coastal Clean-up Day, World Wetland Day and International Day of Forests. Our participation in national, regional and international conferences had a welcomed increase with ten graduate students and staff members attending and making presentations at five regional and international conferences. Our outreach and in-reach activities were revived this year as we welcomed a total of 2588 visitors to our facilities on the Mona Campus and at our two Marine Laboratories in Port Royal and Discovery Bay.

A major highlight for the year was the selection of Leneka Rhoden, a graduate student in Life Sciences, to represent Jamaica at the 2022 United Nations Climate Change Conference (COP27) from November 8–18, 2022 in Sharm El-Sheikh, Egypt, where she served as a panellist and lead session facilitator at the International Universities Climate Alliance. Several members of the Life Sciences family were recognized for their contributions to the wider scientific community. Among them were Professor Mona Webber who was awarded the ‘Order of Distinction in the Rank of Commander,’ Dr Eric Garraway was a recipient of a Silver Musgrave Medal for his contribution to science and Professor Nouredine Benkeblia who was recognised by Wiley publishers for producing the top cited paper among work published in an issue of the *Journal of Food Safety*.

ACCESS

STUDENTS

An ongoing review of our academic programmes and majors continued with a focus on increasing the flexibility of these programmes to reduce the difficulty associated with students accessing elective courses associated with these programmes. With the full engagement of students in laboratory and field activities, several challenges arose as many of our students in the advanced levels were being exposed to this level of practical involvement for the first time in their University involvement. However, our technical and administrative teams developed and implemented plans tailored for different courses and activities to ensure that the students were able to adapt to the increase level of involvement in a manner that enhanced their student experience. The Department’s effort to engage potential students continued through our participation in the Faculty’s CAPE workshop programme and by opening our facilities for tours by small groups of students from different high schools across the country. Through these efforts we were able to interact with in excess of 600 students from approximately 30 high schools across the island.

Noel Ellis, Le’Anne Ledgister, Nicholas Lee and Sashell Nelson, were re-inducted into the Life Sciences Honours Society based on their continued excellent academic performance during the academic year, while eight students were newly inducted. The new inductees were Melecia Gordon, Dominique Bryan, Sasha Wilson, Melissa Brown, Krystal Thompson, Lael Charles, Jameili Thomas, and Xaundrea Bryant.

Seven students were awarded prizes at the Faculty of Science and Technology Annual Awards Ceremony for outstanding performance in specific subject areas. They were Rohan Lorne who received the Preliminary Biology Don Skelding Prize, Jason Grant who received the 1st year Biology Charlotte Goodbody Prize, Stephannie

Forbes who received the Plant Diversity Devi Prasad and Animal Diversity Avinash Potluri Prizes, Crystal Scott who received the Plant Form Sasikala Potluri Prize, Sashell Nelson who received the Plant Physiology Lloyd Coke Prize, Nicholas Lee who received the 2nd year Zoology Vincent Hugh McKie Prize and Zionté Baptiste who received the Ivan Goodbody Prize for Marine Biology.

PUBLICATIONS

The ongoing effort by the Department, through the Research and Publication Committee, to improve the quantity and quality of scholarly output continued. New research activities and collaborations with internal and external stakeholders were initiated and rekindled. The list of scholarly outputs during the reporting period is presented below.

Book

- **Benkeblia, N.** (2023). *Climate Change and Agriculture: Perspectives, Sustainability and Resilience*, Wiley & Sons, Chichester, UK, 496 p. <https://www.wiley.com/en-us/Climate+Change+and+Agriculture:+Perspectives,+Sustainability+and+Resilience-p-9781119789772>.

Book Chapters

- **Vandebroek I** (2023) Traveling traditions: Dominican ethnobotany in service of caring for the community. In: *Decolonizing Paradise: A Radical Ethnography of Environmental Stewardship in the Caribbean*, ed. Rosalina Diaz, 203–230. New York: Peter Lang, 318 pp. *Published: 9 February 2023*.
- Imran, **Benkeblia, N.**, Amanullah, and Al-Tawaha, A. (2023). Climate Change and Agriculture: State of the Art, Challenges, and Perspectives In: *Climate Change and Agriculture: Perspectives, Sustainability and Resilience*. **N. Benkeblia (Ed.)**. Wiley & Sons Publisher, Chichester, pp. 1–27.
- Al-Tawaaha, A.R.M.S., Khanoum, S., **Benkeblia, N.**, Amanullah, Imran, Khalid S., Al-Tawaaha, A., Mondal, M., Odat, N., Dey, A., Alimad, N., Thangadurai, D., Jeyabalan Sangeetha, J., Islam, S. and Shatnawi, M. (2023). Adapting crops to climate change. In: *Climate Change and Agriculture: Perspectives, Sustainability and Resilience*. **N. Benkeblia (Ed.)**. Wiley & Sons Publisher, Chichester, pp. 53–77.
- Al-Tawaha, A.M.S., Mrabet, R., Banayati, M., Santhosh, B., **Benkeblia, N.**, Imran, Amanullah, Khalid, S. and Al-Tawaha, A.R., Alatrash, H., Jabbour, Y., Dey, A., Thangadurai, D., Sangeetha, J. and Islam, S. (2023). Role of biotechnology in climate-resilient agriculture. In: *Climate Change and Agriculture: Perspectives, Sustainability and Resilience*. **N. Benkeblia (Ed.)**. Wiley & Sons Publisher, Chichester, pp. 78–94.

- Al-Tawaaha, A.R.M.S., Odat, N., **Benkeblia, N.**, Kerkoub, N., Labidi, Z., Bou-mendjel, B., Nasri, H., Imran, Amanullah, Khalid, S., Al-Tawaha, R.R., Bayanati, M., Alatrash, H., Dey, A., Thangadurai, D., Sangeetha, J. and Islam, S. (2023). Breeding crops for tolerance to salinity, heat, and drought. In: *Climate Change and Agriculture: Perspectives, Sustainability and Resilience*. **N. Benkeblia (Ed.)**. Wiley & Sons Publisher, Chichester, pp. 95–110.
- Al-Tawahaa, A.M.S., Vyas, P., Karnwal, A., **Benkeblia, N.**, Sanmukh, S.G., Torrents Serra, E., Imran, Amanullah, Khalid, S., Al-Tawaha, A.R., Dey, A., Alimad, N., Thangadurai, D., Sangeetha, J., Islam, S. and Shatnawi, M. (2023). Biological Nitrogen fixation in non-legume plant and changing climate. In: *Climate Change and Agriculture: Perspectives, Sustainability and Resilience*. **N. Benkeblia (Ed.)**. Wiley & Sons Publisher, Chichester, pp. 227–238.
- Al-Tawaha, A.M.S., Dar, J.A., Sultan, A., **Benkeblia, N.**, Amanullah, Imran, Khalid, S., Al-Tawahaf, A.R., Odat, N. and Alatrash, H. (2023). Climate change and cereal production. In: *Climate Change and Agriculture: Perspectives, Sustainability and Resilience*. **N. Benkeblia (Ed.)**. Wiley & Sons Publisher, Chichester, pp. 263–284.

Journal Articles

- Tizazu Gebre, **Bhaskarrao Chinthapalli**, Memhiru Morka Anjulo and **Dwight Robinson**. The impacts of post plantation management practices on growth and survival rate of selected tree species in Mirab Abaya District, Southern Ethiopia: An experimental approach. *Journal of Horticulture and Forestry*. Vol. 14(3), pp. 28–41, <https://doi.org/10.5897/JHF2022.0693> Published September 2022.
- **Toni-Ann L. Miller** and **Eric J. Hyslop**. The First Record of *Parachromis managuensis* (Günther, 1867) (Cichliformes, Cichlidae) and an Analysis of its Feeding Habits in Jamaica. *Caribbean Journal of Science* (2022), 52: pp. 152–161, <https://doi.org/10.18475/cjos.v52i2.a2>. Published September 2022.
- **Trench, Camilo**, Shanna-Lee Thomas, Delroy Thorney, Gina-Marie Mad-dix, Patrice Francis, Hugh Small, Carla B. Machado, Dale Webber, Thierry Tonon and **Mona Webber**. 2022. Application of stranded pelagic sargassum biomass as compost for seedling production in the context of mangrove restoration. *Frontiers in Environmental Sciences. Sec. Conservation and Restoration Ecology*. <https://doi.org/10.3389/fenvs.2022.932293> Published September 2022.
- R. J. Shellock, C. Cvitanovic, M. C. McKinnon, M. Mackay, I. E. van Putten, J. Blythe, R. Kelly, P. Tuohy, K. M. Maltby, S. Mynott, N. Simmonds, M. Bailey, A. Begossi, B. Crona, K. A. Fakoy, B. P. Ferreira, A.J.G. Ferrer, K. Frangoudes, J. Gobin, H. C. Goh, P. Haapasaari, B. D. Hardesty, V. Häussermann, K. Hoareau, A-K. Hornidge, M. Isaacs, M. Kraan, Y. Li, M. Liu, P. F. M. Lopes, M. Mla-kar, T. Morrison, H. A. Oxenford, G. Pecl, J. Penca, C. Robinson, S. Selim, M.

Skern-Mauritzen, K. Soejima, D. Soto, A. K. Spalding, A. Vadrot, N. Vaidianu, **M. Webber**, and M. S. Wisz 2022. Building leaders for the UN Ocean Science Decade: A guide to supporting early career women researchers within academic interdisciplinary marine research institutions. *ICES Journal of Marine Science* (2022), <https://doi.org/10.1093/icesjms/fsac214> Published December 2022.

- **Tremaine Bowman** and **Eric J. Hyslop**. 2022. The feeding ecology of four species of Mojarras (Family: Gerreidae) inhabiting a brackish water stream in Jamaica. *Caribbean Journal of Science* (2022), 52: pp. 353–372. <https://doi.org/10.18475/cjos.v52i2.a15>
- **Marsha A. Bowers**, Costas Zachariades, **Dwight E. Robinson**, **Jane E. Cohen**, Michael von Tschirnhaus and Osariyekemwen Uyie (2023). Helical shoot-tip mines on three genera of Asteraceae in Jamaica are caused by different species of *Melanagromyza* – implications for the biological control of *Chromolaena odorata* using *Melanagromyza eupatoriella*. <https://doi.org/10.1016/j.biocontrol.2023.105151>.
- C. Scott Clem, Brittany D. Wingert, Andrea R. Kautz, Amanda L. Roe, Teagan Mulford, David Bettman, Robert T. Conrow, Gregory A. Dahlem, Heloisa Fernandes Flores, **Latoya Foote**, Silvia Gisondi, James N. Hogue, Janis Matsunaga, Maricelle **Méndez-Soto**, Ko Mochizuki, Ketzaly Munguía Ortega, William Rawson, Jingli Xuan, Brian Brown. Checklist of true flies (Diptera) from San Luis Obispo County, California, U.S.A.: An outcome of the Fly School II taxonomic workshop. *The Pan-Pacific Entomologist*, 98(4) : 270–299. <https://doi.org/10.3956/2022-98.4.270>.
- **Campbell, G. R., & Hyslop, E. J.** (2023). Technical reports: Methods – The application of temperature and light intensity as intermittency sensors in a temporary pond. *Water Resources Research*, 59, e2021WR031574. <https://doi.org/10.1029/2021WR031574>
- Khalifa Attallah O.M., Delgoda, R. and **Benkeblia, N.** 2023. Profiling primary metabolites of Governor's Plum *Flacourtia indica* (Burm.f.) Merr. at two different ripe stages. *Journal of Tropical Agricultural Science*, Volume 46, Issue 1, pp. 1–15. <https://doi.org/10.47836/pjtas.46.1.0>
- Krauss, K.W., Whelan, K.R., Kennedy, J.P., Friess, D.A., Rogers, C.S., Stewart, H.A., Grimes, K.W., **Trench, C.A.**, Ogurcak, D.E., Toline, C.A. and Ball, L.C., Framework for Facilitating Mangrove Recovery after Hurricanes on Caribbean Islands. *Restoration Ecology*, p.e13885. <https://doi.org/10.1111/rec.13885> Published 11 February 2023
- Dominguez Almela, V., Appeaning Addo, K., Corbett, J., Cumberbatch, J., Dash, J., Marsh, R., Oxenford, H., Tonon, T., Van Der Plank, S., **Webber, M.** and Tompkins, E., 2023. Science and policy lessons learned from a decade of adaptation to the emergent risk of sargassum proliferation across the tropical

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Technical Report/Scientific Reports/White Papers

- **Thomas, S., Thorney, D. and Trench, C.** 2023. Queen Conch Induced Spawning by Density Manipulation Project Report 2023. Discovery Bay Marine Laboratory, Centre for Marine Sciences, The University of the West Indies, Mona Campus, Jamaica. Technical/Project Report. CMS02-2023 (45) March 2023. Submitted to National Environment and Planning Agency Scientific Authority.
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- Cox A., **Richards A., Thomas S-L.**, Irvine J., and **Trench C.** 2023. Jamaica Coral Reef Report Card: 2023 Status of Coral Reefs within North Coast Special Fishery Conservation Areas. Centre for Resource Management and Environmental Studies, University of the West Indies, Cave Hill, 21 pp.

ALIGNMENT

Our interactions with local communities and partnership with local, regional and international groups, continued as we increased our effort to align our research and outreach activities with the needs of the nation and the region. Partners included

the Caribbean Coastal Area Management Foundation, the Coral Restoration Consortium, the Jamaica Environment Trust, the National Environment and Planning Agency, Forestry Department, Planning Institute of Jamaica, Pesticides Control Authority of Jamaica and the Tourism Product Development Company.

PUBLIC SERVICE

Our staff members continued their participation in, and service to, the wider society by their membership on committees and boards outside of the University. These are listed below.

Prof. Nouredine Benkeblia

- Associate Editor: *Canadian Journal of Plant Science*. <https://cdnsiencepub.com/journal/cjps/about/editorial-board>.
- Academic Editor: *PLOS Climate*. <https://journals.plos.org/climate/s/editorial-board>.
- Associate Editor: *P. Journal of Tropical Agricultural Science* <http://www.pertanika.upm.edu.my/pjtas/ebm>.
- Topic Editor: *Frontiers in Soil Sciences. Climate Change Mitigation Strategies for Sustainable Crop Production in Sub-Saharan Africa*. <https://www.frontiersin.org/research-topics/31108/climate-change-mitigation-strategies-for-sustainable-crop-production-in-sub-saharan-africa>.
- Topic Editor: *Frontiers in Genetics. Advanced Genetics and Genomics and Climate Change Resilient Crops: Roots, Tubers, and Cereals*. <https://www.frontiersin.org/research-topics/37578/advanced-genetics-and-genomics-and-climate-change-resilient-crops-roots-tubers-and-cereals>.
- Topic Editor: *Frontiers in Plant Sciences. Ecometabolomics and Crop Responses to Climate Change: Acclimation, Alleviation and Resilience*. <https://www.frontiersin.org/research-topics/53463/ecometabolomics-of-crop-responses-to-climate-change-acclimation-alleviation-and-resilience>.
- Review Editor: *Frontiers in Plant Science*
- Review Editor, Inter-Governmental Panel on Climate Change (IPCC).
- Appointed Member of the *Regional Economic and Scientific Commission in the Caribbean (CREES)* of The Francophone University Agency (AUF) (2022 – 2025).
- Assessor of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES).
- Associate Editor, *Canadian Journal of Plant Science*
- Associate Editor: *Journal of Tropical Agricultural Science*
- Academic Editor, *PLOS Climate*

- Topic Editor: Frontiers in Soil Sciences. Climate Change Mitigation Strategies for Sustainable Crop Production in Sub-Saharan Africa.
- Topic Editor: Frontiers in Genetics. Advanced Genetics and Genomics and Climate Change Resilient Crops: Roots, Tubers, and Cereals.
- Review Editor: Frontiers in Plant Science
- Review Editor, Inter-Governmental Panel on Climate Change (IPCC).
- Editor/Reviewer of the International Panel on Climate Change (IPCC)
- Member of the Canadian Society of Horticultural Science
- Member of the Canadian Society of Agronomy
- Member of the Crop Science Society of America
- Member, Agricultural Science, University Council of Jamaica (UCJ).
- Member of the International Union of Conservation of Nature, (IUCN). Commission on Ecosystem Management.
- Member of the Regional Economic and Scientific Commission in the Caribbean (CREES) of The Francophone University Agency (AUF) (2022–2025).
- Member of the Commission on Ecosystem Management (CEM)
- Member of the International Union of Conservation of Nature (IUCN).

Dr. Frederick Boyd

- Member, CITES (NEPA-Scientific Authority)
- Member, Board of Education, East Jamaica Conference of SDA
- External Examiner, Joint Board of Teacher Education (JBTE)
- Member, Accreditation Panel (Biological Sciences), University Council of Jamaica
- Member, American Society of Plant Biologists

Dr. Machel Emanuel

- Member of the International Society for Horticultural Sciences
- Member of the American Society for Horticultural Sciences
- Member of International Technical Committee for development of standards for cannabis in Jamaica
- Vice-Chair of the Bureau of Standards Jamaica's Cannabis National Technical Committee
- Chairman of the Product Development, Cannabis Industry Development Taskforce Sub-committee.

Dr. Tannice Hall

- Member, Natural History Society of Jamaica

Dr. Denneko Luke

- Member, NEPA Biodiversity Committee

Dr. Chinthapalli Bhaskar Rao

- Member, Academic Council, AP Agricultural University
- Fellow, Department of Biotechnology (DBT), New Delhi, India
- Fellow, Institute of Life Sciences, Mizzou, USA
- Fellow, Volkswagen Stiftung, Hannover, Germany
- Member, Biological Society of Ethiopia.
- Member, Indian society of Chemists and Biologists.
- Member, Metabolomics Society and Plant Metabolomics.
- Reviewer of Journal of Food Composition and Analysis, Elsevier Journals
- Reviewer of African Journal of Food Science, Academic Journals
- Reviewer of Research in Biotechnology, Update publishing house

Dr. Dwight Robinson

- Director, Caribbean Academy of Sciences, Jamaica Chapter
- Director, College of Agriculture Science and Education
- Director, Nature Preservation Foundation
- Chair, Pesticides Control Authority Pesticides Review Committee

Prof. Paula Tennant

- Member, American Phytopathological Society
- Member, Caribbean Academy of Sciences, Jamaica Chapter
- Member, Jamaica Society of Scientists and Technologists

Dr. Camilo Trench

- Coordinator/Member, Alloa Fisherman's Cooperative: Discovery Bay Special Fisheries Conservation Area Steering Committee
- Member, National Fish Sanctuaries Network
- Member, UWI's representative, National Marine Parks Advisory Board
- Board Member, Association of the Marine Labs of the Caribbean (AMLC) institutional rep for the UWI CMS/DBML

- Member, Project Steering Committee for IWeco National Sub-Project 1.4 (UWI's representative) "Biodiversity Mainstreaming in Coastal Landscapes within the Negril Environmental Protection Area of Jamaica"
- Member, Technical Advisory Committee for IWeco National Sub-Project 1.4 Component 2
- Member, The Moneague College's Program Advisory Committee (PAC) for the Associate of Applied Science in Agro-processing
- President, Ferncourt High School Alumni Association

Dr. Julie Tsatsaros

- Member, Society for Environmental Restoration (SER)
- Member, Society for Freshwater Science
- Member, North American Association of Environmental Educators
- Member, American Society for Environmental History
- Board Member, Hermits Peak Watershed Alliance, New Mexico, USA

Dr. Ina Vandebroek

- Editor-in-Chief, *Economic Botany*
- Topic Editor, Traditional Knowledge in Food Activism and Governance, Frontiers in Sustainable Food Systems
- Deputy Editor, *Journal of Ethnobiology and Ethnomedicine*
- Editorial Board Member, Checklist in Ethnobiology
- Editorial Board Member, Ethnobiology and Conservation
- Member of the Alliance for Diversity and Inclusion in Ethnobiology (ADIE)
- Member, Biocultural Collection Managers Group (USA)
- Council Member, Society for Economic Botany (USA)

Prof. Mona Webber

- Chair, NEPA Biodiversity Committee
- Member, National Council on Ocean and Coastal Zone Management (NCOCZM)
- Chair, Diving Sub-Group, NCOCZM
- Member, CITES (NEPA-Scientific Authority)
- Member, NEPA Technical Review Committee (TRC)
- Member, Jamaica Conservation Partners (C.B. Facey Foundation)
- Member, Science and Technology Advisory Committee of the Jamaica National Commission for UNESCO

- Member, National Fisheries Advisory Council
- Member, Scientific and Technical Sub-Commission of the Caribbean Sea Commission (CSC)
- Member, Natural Resource Conservation Authority (NRCA) Board.

AGILITY

The Department continued discussions with national and regional partners to determine how we may assist with their training and research needs. Discussions are far advanced with the Fisheries Division of the Ministry of Agriculture, Fisheries and Mining re the development of an improved course in fisheries and aquaculture. Our marine laboratories continue to provide valuable support in monitoring and conservation of our marine resources. During this year the Port Royal Marine lab was engaged by the National Environment and Planning Agency on a consultancy service for coral reef restoration at Port Royal Cays at a value of US\$186,875.



DEPARTMENT OF MATHEMATICS

Dr. Nagarani Ponakala, M.Sc, M.Phil & Ph.D (India) – Head of Department

OVERVIEW

For the 2022/23 academic year, the department returned to face-to-face classes for all the undergraduate courses, and graduate courses were offered in blended mode with 75% of its teaching remaining online. The department started the academic year with 12 full-time academic staff, 4 Administrative staff, and 3 support staff by joining Mr. Horace Johnson as a full-time lecturer in the field of Actuarial Science while replacing Ms. Britta Hay, whose contract ended in July 2022. Department took the support from several Adjunct staff and is thankful for their commitment and contributions. During this year, the department suffered the great loss of an esteemed colleague **Mr. Winston St. Elmo Whyte**, who passed away on March 3, 2023. During his tenure with us, Mr. Whyte served as a Director of the Actuarial Science programme at the level of Senior Lecturer in the Department for more than 15 years. Though the year started slowly with uncertainty because of the COVID-19 pandemic situation, the strong commitment and hard work of all the members of staff ensured the department that the quality and standards were maintained at their highest and ended the academic year productively by successfully achieving most of our strategic objectives, though facing some serious constraints in terms of the resources available for the Department and also while missing our esteemed colleague.

During this year, Dr. Victor Job, received a CETL Faculty Award for achieving 4.5 and above in the 2021–2022 UWI Student Evaluation of Teaching and Dr. Tamika Royal-Thomas received two Principal awards for the Best Research Publications for the years 2019–2020 and 2021–2022.

DEPARTMENT ACTIVITIES AND OUTREACH

The department conducts various in-reach and outreach activities for the support and growth of our students and staff and also to service the wider public. We initi-

ated our student supporting activities with a **Meet & Greet** activity on September 15, 2022, with our 2nd and 3rd year students. This activity was well received by the students as they got the opportunity to spend time on an informal setup with all members of the Department. Thanks to our Dean Prof. Michael Taylor and Associate Dean for Student Experience Dr. Marvadeen Singh-Wilmott who were present and motivated our students. We have also organized the **Department Orientation** and a team of staff members met our students of all levels. The department has been getting positive feedback for several years as this is where all their questions regarding their programmes and career will be answered and guided. For Breast Cancer Awareness Month the Department in Association with the UWI Actuarial Society held our **Pink Day** on October 27, 2022. The Department of Mathematics hosted its 10th **Annual Career Fair** on November 11, 2022, via Zoom. The keynote speaker was alumni and CEO of One-on-One Educational Services, Mr. Ricardo Allen. A total of 15 companies along with members of the Caribbean Actuarial Association (CAA) participated in the Career Fair and 51 students registered. The participating companies were: Sagicor Group Jamaica Limited; Canopy Insurance Limited; GraceKennedy Limited; Scotiabank; CG United Insurance Limited; Barita Investments; Eckler Jamaica; Qantas Capital Limited; Statistical Institute of Jamaica; Mathwiz Academy; National Commercial Bank; Financial Services Commission; Jamaica National Group; Wysinco Limited; KRYG Global Limited. In preparation for the Career Fair, a Soft Skills Seminar was held on Thursday, November 3, 2022, and our guest speaker was Ms. Tanya Francis, Senior Administrative Assistant at OSS-Placement and Career Services. Students benefit from going through these seminars and the mock interviews.

The Department celebrated **International Day of Mathematics** on March 14, 2023. To mark the event Dr. Victor Job hosted a talk for the students titled “Mathematics for Everyone” which was well received. As a part of the University’s 75th anniversary celebrations, Dr. Diptiranjana Behera led the department’s participation at the **Science Festival** from March 31, 2023, to April 1, 2023, at the Faculty of Science and Technology. The department managed a booth and the student volunteers and department members engaged primary, high school, and university students on both days with trivia questions, the Tower of Hanoi, and other games. Several research posters were displayed at the booth and a 15-minute talk on ‘Mathematical Models in Real Life’ at the Science Festival by Dr. Nagarani Ponakala.

The Department held its **Industry Advisory Board (IAB)** meeting on April 14, 2023, with department members, FST Associate Dean, Dr. Daniel Fokum, student representative, Ms. Mickhalia Thomas, and nine (10) Industry representatives from Scotiabank; Grace Kennedy; Statistical Institute of Jamaica; National Commercial Bank; New Fortress Energy; Financial Services Commission; CG United Insurance; Jamaican Association on Intellectual Disabilities, which was led by the Acting Chairman of IAB, Mr. Horace Johnson.

The Department's annual **Summer Internship programme** launch was held on Thursday, April 13, 2023 in the Mathematics Lecture Theatre. Approximately twenty-five (25) students were in attendance along with department members, representatives from the faculty, and two (2) members from the participating companies; Mr. Aldington Smith from Jamaica Public Service and Mrs. Alecia Newell-Williams from Statistical Institute of Jamaica. The Guest Speaker, Mr. Timar Jackson, Assistant Vice President in Origination and Structuring at NCB Capital Markets who is our past student, set the tone of the launch and the expectations of the interns. The students were receptive to the presentation and took the opportunity to speak with Mr. Jackson. During this year, 18 students were positioned in these summer internships and the breakdown is, Jamaica Public Service (2), Statistical Institute of Jamaica (3), Business Intelligence (4), KYRS Global (2), Guardian Life (1), Digicel (2), Best Dressed Chicken (1), Tax Administration of Jamaica (1), Grace Kennedy (2). Also several of our students got full-time positions and also a year-long internship opportunity through this programme.

This academic year, with a year of gap due to COVID, we organised our **Jamaican Mathematical Olympiad** programme in face-to-face mode. This year's programme was led by Dr. Samuel McDaniel, Academic Coordinator and Mr. Horace Johnson, Financial Coordinator with other very enthusiastic and dedicated members of the Olympiad Committee. Strong interest was observed from the schools, especially at the primary level and this programme was well supported by the University and external organisations. We thank the entire University community for the great encouragement and support and the sponsors for their interest in the programme and support. New Fortress Energy again came on as our title sponsors by donating 1 million JMD, which is the third time in a row, The Caribbean Actuarial Association (CAA) (250,000 JMD), First Caribbean International Bank (CIBC) (250,000JMD)) and UNESCO (2,000 USD).

Our Junior and Senior qualifying rounds commenced in November 2022, received submissions from 30 High Schools with a total of 491 students and 111 Primary and Prep schools with approximately 2300 students. We had held two rounds for Junior Olympiad and three rounds for Senior Olympiad including the final rounds. The Junior Math Olympiad first round was held on February 8, 2023, with approximately 1900 students representing about 128 prep and primary schools and the final round was held on March 15, 2023 with approximately 700 students participated from about 88 schools. The Senior Math Olympiad first round was held on February 11, 2023 with 400 students participated and the final round was held on April 1, 2023 with approximately 80 students from 16 High schools were participated.

A total of 92 students from both Senior and Junior Schools were being awarded at the Award Ceremony held on May 24, 2023. The former Prime Minister of Jamaica - The Honourable Bruce Golding was our keynote speaker for the ceremony.

This year we had a team of students that competed in the Central American and Caribbean Mathematical Olympiad (OMCC) which was held from July 21st–29th in El Salvador. Four of our students that participated in the Senior Math Olympiad were selected to compete, they were, Austin *Martin* (Herbert Morrison Technical High School), Jo'Anna Hill (Montego Bay High School), Joshua Walcott and Cruz Caine (Campion College).

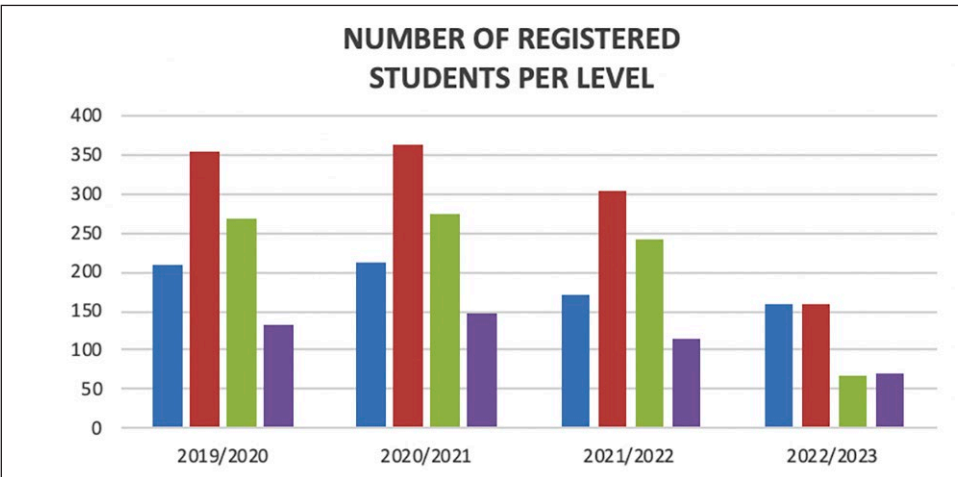
ACCESS

STUDENT MATTERS

Undergraduate Programmes and Students:

This academic year many of our students received awards and recognition from both internal and external source. The **Caribbean Actuarial Scholarship** winners for 2022–23 were Ruth-Ann Blair from final year (received USD 3000) and Lamar Wilson from second year (USD 2000). **IFOA Foundation Fullerton – Long Caribbean Scholarship** winners are: Jayde Noel-Sailsman, Level II Actuarial Science major (USD 2,150.00), Daynia-Ann Holness, Level II, Actuarial Science major (USD 2,150.00), Kaniellia Hunter, Level II, Actuarial Science major (USD 2,150.00). The **Long Actuarial Scholarship** was extended to Abigail McFarlane, level III (USD 2,000) for 2022–23, who was also a recipient of the same award in 2020–21 and 2021–22. The Stephen Alleyne Memorial Scholarship recipient is Brian Milton.

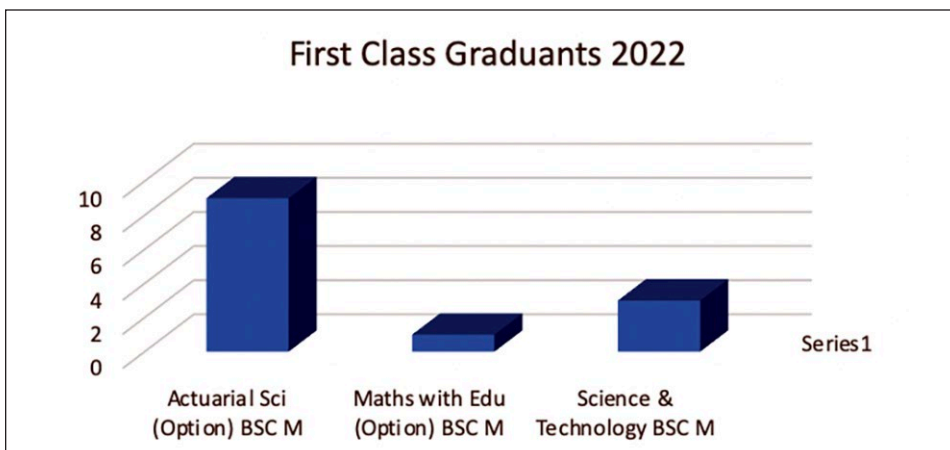
The Following students were awarded for the Departmental Awards for the 2022/2023 Academic Year. The Department of Mathematics Prize – Joshua Grant (Level I), Merville Campbell Prize – Ms. Ruth Ann Blair (Level II), Henry-Aub Prize – Ms. Abigail McFarlane (Level II).



For the past five years, a total of 408 undergraduate students graduated from the department. This is broken down as follows:

2018	2019	2020	2021	2022
86	83	78	105	56

In November 2022, a total of 13 students graduated with First Class Honours broken down as follows:



We continue to offer our one-on-one student experience through our annual Career Fair to improve their soft skills to prepare them to transit better to the work world after graduation.

Graduate Programmes and Students

MSc Enterprise Risk Management

Our Master of Science programme, Enterprise Risk Management, run in partnership with MSBM saw for the 2022/23 academic year, 8 students joined cohort 11, 11 students from cohort 10 moved on to their second year, while 13 students graduated from cohort 8 and 9 combined.

MSc Mathematics

As this programme is normally offered bi-annually, a new cohort joined in January 2022. At the end of the semester based on outstanding academic performance Mr. Jarvis Hayman was awarded the MSc. Bursary award for 2022/2023 academic year.

MPhil/PhD Mathematics

As of August, 2022, the department has 4 MPhil students and 3 PhD students research students registered. **Ms. Roxanne Francis**, Special Instructor as well as an M.Phil student, received a fund of USD3000 as the Research & Publications Fund

from Office of Graduate Studies and Research (OGSR) to support her travels to the international workshop on Non-Linear Stability of Thermoconvective Flows in Bangalore, India, held during the period January 9–14, 2023.

PUBLICATIONS

Journal Articles

- E. Braverman and **A. Rodkina**, Stabilizing multiple equilibria and cycles with noisy prediction-based control, *Discrete and Continuous Dynamical Systems - Series B*, (2022) 27(10), 5419–5446.
- **Behera Diptiranjan**, Chakraverty S., Computational technique for solving imprecisely defined non-negative fully fuzzy algebraic system of linear equations, *International Journal of Fuzzy Logic and Intelligent Systems*, Vol. 22 (3) (2022) 252–260, DOI: <https://doi.org/10.5391/IJFIS.2022.22.3.252>
- **Diptiranjan Behera**, Linear combination-based approach for solving imprecisely defined algebraic system of linear equations under fuzzy uncertainty, *International Journal of Fuzzy Logic and Intelligent Systems*, Vol. 23(2) (2023) 173–180, DOI: <https://doi.org/10.5391/IJFIS.2023.23.2.173>
- **Mahesha Narayana**, R. Saha, P.G. Siddheshwar, S.S. Nagouda, Individual effect of spatially periodic vertical surface temperatures and nanoparticles on natural convection in water, *ASME Journal of Heat and Mass Transfer* (2023) 145(7), Art. ID. 072601.
- **Mahesha Narayana**, P.G. Siddheshwar, Solution of boundary eigenvalue problems and IBVP involving a system of PDEs using the successive linearization method, *ZAMM* (2023), Art. ID. e202200472.
- P.G. Siddheshwar, **Mahesha Narayana**, D. Laroze, C. Kanchana, Brinkman-Bénard convection with rough boundaries and third-type thermal boundary conditions, *Symmetry* (2023), 15 (8), 1506.
- R. Saha, **M. Narayana**, P.G. Siddheshwar, S.S. Nagouda, Thermo-convective flows of mono- and hybridnanofluids over horizontal undulated surfaces in a porous medium, *Journal of Nanofluids* (2023),12, 514–534.
- **R. Francis***, **M. Narayana**, P.G. Siddheshwar, Gravity-modulated Rayleigh-Bénard convection in a Newtonian liquid bounded by rigid free boundaries: a comparative study with other boundary conditions, *Journal of Engineering Mathematics* 2023, 139(1), 5.
- **A. Small***, **P. Nagarani**, M. Narahari, Peristaltic pumping of an Ellis Fluid in an inclined asymmetric channel, *J. Appl. Math. & Informatics* (2023), 41(1), 51–70.

- Sreedhara Rao Gunakala, **Victor M. Job**, **P. Nagarani**, P. Sreenivasulu and Judith N. Balkissoon: Numerical Study of Unsteady MHD Poiseuille Flow with Temperature-Dependent Viscosity through a Porous Channel under an Oscillating Pressure Gradient, *Palestine Journal of Mathematics* 11 (Special Issue III), 41–52, 2022
- S.R. Gunakala, **Victor M. Job**, P.V.S.N. Murthy, **P. Nagarani**, H. Seetharaman, B.V. Chowdary: In-silico investigation of intratumoural magnetic hyperthermia for breast cancer therapy using FePt or FeCrNbB magnetic nanoparticles. *International Journal of Thermal Sciences*, 2023, 192 Part A: 108405.
- Gunakala, Sreedhara Rao and **Job, Victor M.** and Murthy, P. V. S. N. and Sakhamuri, Sateesh, Influence of alternating magnetic field on non-Newtonian blood perfusion and transport of nanoparticles in tissues with embedded blood vessel during hyperthermia, *Ain Shams Engineering Journal* (Elsevier), 2023, 14 (1), 101831, <https://doi.org/10.1016/j.asej.2022.101831>.
- **Victor M. Job**, Sreedhara Rao Gunakala, Rama Subba Reddy Gorla, O.D. Makinde, H. Thameem Basha: Unsteady convective ferrohydrodynamic flow MnZnFe₂O₄/FeCrNbB-EG hybrid nanofluid in a horizontal channel with porous fins and semi-circular heaters, *Journal of Magnetism and Magnetic Materials* 571(1): 170584 (2023).
- Gunakala, Sreedhara, **Job, Victor**, Alexander, Maraika. (2022). MHD Slip Flow and Heat Transfer with Ohmic Heating between a Rotating Solid Disk and Stationary Permeable Disk. *Engineering Innovations*. 3. 1–12. 10.4028/p-d6t7o5.

CONFERENCE PROCEEDINGS

- Gunakala, S.R., **Job, V.M.**, Veronique, J. (2022). Influence of Heat Transfer, Chemical Reaction and Variable Fluid Properties on Oscillatory MHD Couette Flow Through a Partially-Porous Channel. In: Rushi Kumar, B., Ponnusamy, S., Giri, D., Thuraisingham, B., Clifton, C.W., Carminati, B. (eds) *Mathematics and Computing. ICMC 2022. Springer Proceedings in Mathematics & Statistics*, vol 415. Springer, Singapore.

INVITED TALKS /KEYNOTE LECTURES

- **Diptiranjana Behera**, Department of Basic Science and Humanities, Radhakrishna Institute of Technology and Engineering, Bhubaneswar, Odisha, India, 7th June, 2023.
 - **Title:** *Applications of Mathematics in Professional Courses*
- **Mahesha Narayana**, 2nd International Conference (virtual) on Applied Mathematics and Computational Sciences (ICAMCS-2022) during October 12–14, 2022 organized by DIT University, Dehradun, India.

- **Title:** *On the comparative study of gravity modulated Rayleigh-Bénard convection involving free-free, rigid-free, and rigid-rigid boundaries*
- **Mahesha Narayana**, Christ University, Bengaluru, India during 9–14, January 2023, International Workshop on “Non-linear Stability of Thermoconvective Flows.
- **Mahesha Narayana** “Boundary Effects on Gravity-Modulated Rayleigh-Bénard Convection” at the Intentional Conference on Recent Advances in Fluid Mechanics and Nanoelectronics (ICRAFMN-2023) held at Manipal Institute of Technology, Bengaluru, India during 12–14, July 2023.
- **Nagarani Ponakala**, International Conference on Recent Developments in Mathematics (ICRDM 2022) August 24–26, 2022 Online/Hybrid Canadian University Dubai, UAE.
 - **Title:** *Mathematical Modelling of flow and solute transport in Physiological Systems*
- **Victor Job**, International Workshop on Applicable Mathematics for Science and Engineering Recent Advances (AMSE-2023) February 16–20, 2023 (Online mode), Department of Mathematics, VIT-AP University, Andhra Pradesh, India.
 - **Title:** *The Penalty Finite Element Method and Applications to Convective Heat Transfer in Nanofluids.*
- **Victor Job**, Online Short-Term Course on Mathematical Modelling and Numerical Simulation (MMNS 2023) July 24–28, 2023, Department of Mathematics, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, India.
 - **Title:** *Mixed Finite Element Methods and Numerical Computation for Convective Ferrofluid Flows.*
- **Victor Job**, International Workshop on Applicable Mathematics for Science and Engineering Recent Advances (AMSE-2023) February 16–20, 2023 (Online mode), Department of Mathematics, VIT-AP University, Andhra Pradesh, India.
 - **Title:** *The Penalty Finite Element Method and Applications to Convective Heat Transfer in Nanofluids.*
- **Victor Job**, International Conference on Recent Advances in Applied Mathematics (RAAM 2023) June 20–22, 2023 (Online Talk), BITS Pilani Dubai Campus, United Arab Emirates.
 - **Title:** *Numerical Analysis on Breast Cancer Treatment via Intratumoural Injection of Nanoparticles*

CONFERENCE PRESENTATIONS

- **Nagarani Ponakala , Victor M. Job** and Sreedhara Rao Gunakala “*Finite Element Analysis of Unsteady Dispersion in Casson Fluid Flow*”, International Conference on Recent Developments in Mathematics (ICRDM 2022) August 24–26, 2022 Online/Hybrid Canadian University Dubai, UAE
- **Nagarani Ponakala and Victor M. Job** “*Peristalsis and Taylor Dispersion of Solute In The Flow Of Casson Fluid*”, International Conference on Recent Developments in Mathematics (ICRDM 2022) August 24–26, 2022 Online/Hybrid Canadian University Dubai, UAE
- **Victor M. Job**, S. Rao Gunakala, “Unsteady Two-Phase Hydromagnetic Convection Flow of Aqueous Hybrid Alumina-Silver Nanofluid in a Wavy-Walled Enclosure with a Heat-Generating Rotating Cylinder”, International Conference on Modelling, Simulation and Optimization of Energy Systems (MSOES 2023) June 17–18, 2023. Online/Hybrid mode. Canadian University Dubai, United Arab Emirates.
- **Victor M. Job**, S. Rao Gunakala, A. Sankar, H.T. Basha, and S. Sreekanth, “Investigation of peristaltic and radioactive MHD Nanofluid flows in a flexible tube with porous inner player using the finite element method”, International Conference on Applied Research and Engineering (ICARAE 2022) November 18–20, 2022. Online/Hybrid mode. Cape Peninsula University of Technology, South Africa.
- **Tamika Royal-Thomas**. “Emerging Trends in Data Utilising Longitudinal Analysis”. Oral Presentation on August 12, 2022 at the FORECAST Conference 2022.

Conference/Workshop Participation

- **Ajani Ausaru** attended the Technological and Pedagogical University’s 17th National and 5th Internacional Conference in Tunja, Colombia held October 26–28, 2022. An oral presentation was made titled, “*Solutal Dispersion in a tube with Mild Stenosis*”.
- **Roxanne Francis** participated in an international workshop on Non-Linear Stability of Thermoconvective Flows in Bangalore, India. January 9–14, 2023

Department Seminars

- **Mr. Andre Small, Ph.D student** presented on “*Ellis Fluid Flow in a Finite Length Tube Driven by Peristalsis*” September 23, 2022
- **Mr. Derek Osborne**, Partner and Senior Actuary in the international practice of Life Works presented on “*Recent changes to Barbados’ NIS programme*” October 28th via Zoom

- **Dr. Robinson Julian Serna Vanegas** from Pedagogical and Technological University of Colombia presented on, “*A Link Between Representations of Peak Posets and Cluster Algebras*” October 21, 2022 via Zoom
- **Dr. Letetia Addison** from UWI, St. Augustine Campus in collaboration with **Mr. Kevan Rajara** PhD student at UWI, St. Augustine presented on, “*Natural Disaster Risk Classification using Machine Learning*” October 14 via Zoom
- **Dr. Anand Rampadarath**, Senior Bioinformatics Engineer at Plant and Food Research, New Zealand presented on, “*Reproducibility, curation and standards in Biomedical Modelling*” October 7th via Zoom
- **Mr. Mahesha Narayana** presented on, “*How to handle non-linear problems in a simple way?*” on Friday, November 18, 2022
- **Mr. Victor Job** presented on, “*In-Silico Modelling of Magnetic Nanoparticle Hyperthermia for Cancer Therapy*” on Friday, November 25, 2022
- **Dr. Pérez-Cañedos** presented on, “*Context Modeling in Optimization and Decision-Making Using Fuzzy Propositions*” via Zoom
- **Ms. Roxanne Francis** presented on, “*Gravity-modulated Rayleigh-Bénard convection in a Newtonian liquid bounded by rigid-free boundaries: A comparative study with other boundary conditions*” February 24, 2023.
- **Dr. İsmail Aydoğdu**, presented on, “*A Brief Introduction to Coding Theory*”. March 3, 2023 via Zoom
- **Mr. Dujon Dunn**, presented on, “*Solving differential equations using artificial neural networks*”. March 10, 2023 via Zoom.

PUBLIC SERVICE

For the 2022/2023 academic year, members of Department provided by the following public services to impact society as follows:

Diptranjana Behera

- Reviewed articles for Journal of Computational and Applied Mathematics (Elsevier), Journal of Mathematics (Hindawi), *Journal of Vibration Engineering & Technologies* (Springer).
- Joined as an Editorial board member for Journal of Soft Computing and Artificial Intelligence published by Dergi Park Akademik.
- International Program Committee Members of 5th International Conference on Signal Processing and Artificial Intelligence (ASPAI' 2021), June 7–9, 2023, Tenerife (Canary Islands), Spain;
- International Program Committee Members of 5th International Conference on Signal Processing and Artificial Intelligence (ASPAI' 2021), June 7–9, 2023, Tenerife (Canary Islands), Spain;

- Technical Program committee member of 13th International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering (QR2MSE 2023), July 26–29, 2023, Kunming, Yunnan, China;
- Technical Program committee member of 13th International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering (QR2MSE 2023), July 26–29, 2023, Kunming, Yunnan, China;

Mahesha Narayana

- Adjudicated a thesis entitled “Some studies on the influence of variable viscosity, couple stress fluid, and slip-velocity on the lubrication characteristics of the finite journal bearing” submitted by Tyrone Dass to The University of the West Indies, St. Augustine Campus, Trinidad and Tobago.
- Adjudicated a thesis entitled “Hydromagnetic pulsating flow of third grade nanofluid” for School of Advanced Sciences, VIT University, Vellore, India.

Nagarani Ponakala

- Reviewed an article for the Journal of the Indian Chemical Society, Proceedings of the Royal Society A; Scientific Reports; Physics of fluids.
- Technical Program Chair for International Conference on Modeling, Simulation and Optimization of Energy Systems (MSOES 2023) during June 17–18, 2023, at Canadian University Dubai, UAE.
- International Advisory Committee member for international conference on recent Advances in Fluid Mechanics and Nanoelectronics (ICRAFMN), Organized by Manipal Institute of Technology Bengaluru, in association with National Institute of Technology, Uttarakhand, July 12–14, 2023.
- Technical Program Committee member for International Conference on Recent Developments in Mathematics (ICRDM 2022) August 24–26, 2022 Online/Hybrid Canadian University Dubai, UAE.

Tamika Royal-Thomas

- Reviewed a paper for the *West Indian Medical Journal*. May 2023

Victor Job

- Reviewed articles for the journals, Journal of Magnetism and Magnetic Materials, Mathematics, Energies (MDPI), Journal of Porous Media, Coatings.

AGILITY

INCOME GENERATION

Despite the pandemic, the Department continued to offer Summer School this year to assist with our students' transition. Thirty-three courses ranging from preliminary to final year were offered by the Department from which over J\$7 million was earned. The students expressed their sincere thanks to the Department for the assistance given to their transition. The Department also received approximately J\$1.986 million in earnings from our self-finance programme MSc Enterprise Risk Management which is administered jointly with MSBM.



DEPARTMENT OF PHYSICS

Dr. Venkateswara Penugonda, BSc, MSc, MPhil, PhD – Head of Department

OVERVIEW

In the academic year of 2022–2023, the Department of Physics continued its tradition of excellence with numerous accolades. Amongst these were three international recognitions; one Fulbright Scholarship and two National Medal awards. Additionally, the Department also garnered eleven Principal's Research awards, and three FST Mona Administrative and Technical and Service staff Unsung Hero awards. The Department also celebrated the achievements of its students as 37 undergraduate majors/minor awarded; in addition to one PhD, one MPhil and four MScs. The Department presented its action plan and implementation progress at the Academic Board on June 17, 2023 in follow up to the Quality Assurance Review facilitated on March 8–12, 2021. Two new free-elective courses Fundamentals of Energy Statistics (PHYS2000) and Energy Information Management (PHYS3000) were offered. The newly approved Master of Science in Clinical Medical Physics is a joint programme between the Faculties of Science and Technology, Medical Sciences and the Ministry of Health and Wellness (MoHW). The programme is slated to commence in January 2024. To recognize the achievements of students who are excelling in their respective undergraduate Physics majors, two Physics Honour Society events were held during the year and resulted in seventeen students receiving invitations for membership in Semester 1 whilst ten were invited in Semester 2. Finally in terms of research, there were 9 Research articles, 2 Book chapters, 4 Conference abstracts and a grantsmanship of US \$188,449.76 + £25,000.00.

AWARD OF DEGREES

The University of the West Indies, Mona graduation was held on November 4, 2022. Thirty-seven students were awarded majors/minors in Physics sub-disciplines and 4 students graduated with First Class Honours. Four M.Sc. students; one M.Phil and one Ph.D. were also among the graduands.

Total Undergraduate Student Registration

	Semester 1				Semester 2			
Academic Year	2021-2022	Female	2022-2023	Female	2021-2022	Female	2022-2023	Female
Preliminary	64	33	55	30	41	20	43	28
Introductory	61	25	39	22	71	29	90	37
Year 2	110	49	109	49	45	17	37	11
Year 3	37	17	33	14	62	25	87	32
Totals	272	124	236	115	219	91	257	108

Undergraduate Students/Recognition Awards

Recipients of undergraduate departmental awards for the Academic Year 2022–2023 are:

The Professor John Lodenquai Prize for Introductory to Physics	Adam Ross Taylor
Level II Physics Bursaries	Janielle McKoy and Afia Bromfield
Michael Tharmanathan Physics Bursary	Krystin Henry
Dr. M.J. Ponnambalam Prize	Wills Small
Physics Honours Society Award	Oshia Gaynor and Toni-Ann Hendricks
Charlton Foundation Award	Shari Oliver

OUTREACH AND IN-REACH ACTIVITIES

- The Department embarked on a series of CAPE Physics Workshop, which commenced on January 6, 2023 in the Western Campus where a total 43 students participated. The Workshop continued on The UWI, Mona Campus on January 9–13, 2023; approximately 267 students participated virtually. At total of 403 students respectively participated in two separate in-person lab components held on January 20, 24, 26 and 27, 2023 and February 14–17, 2023. Lectures and Demonstrations were supported by staff members Dudley Williams, Rochelle Walters, Karlus Redway, Candice Charlton, Rickardo Anderson; Chantal Simmonds and Alexandra De Freitas; postgraduate students Lanceford Sterling, Andre McGlashan, Dawin Morna, and Terick Simpson; with the assistance of Wills Small, Toniann Hendricks, Rodane Samuels and Orane Green (Undergraduate Students).
- The Outreach Team endorsed World Space Week from October 4–10, 2022. Space Week is an annual international celebration of space science and technology that contributes to the betterment of humanity. Data and images to support

this initiative were displayed at the Physics Undercroft. Mr. Karlus Redway, Astrophysicist facilitated a brief interview to share further insights on the discipline. The different social media platforms were also updated for viewing.

- Ms. Candice Charlton gave a presentation on weather and climate change at the Lister Mair/Gilby High School for the Deaf, Papine, Saint Andrew on October 24, 2022. Ms. T. Taylor, Grade 8 Science teacher, requested a presentation for her students who were currently covering topics related to weather and climate change. The presentation was well received and students craved future visits for other topics.
- Mr. Jovante Anderson, Guild Committee Physics Representative arranged an International Centre for Environmental and Nuclear Sciences (ICENS) tour for the twenty-five Physics students on November 29, 2022. Professor Charles Grant, ICENS Director General and his team facilitated the tour.
- Mr Sanchez Palmer (PhD Student/Assistant Lecturer-Medical Physics Programme) facilitated a tour of the Radiotherapy Department at St. Joseph's Hospital on March 23, 2023 to twelve Undergraduate Medical Physics students. Mr. Palmer guided the tour by ensuring that all logistics were adhered to and aimed specifically to expose students to the reality of their aspiring field by incorporating the applications of physics, in radiation. The students overall review was that tour was incredible and they were quite impressed by the use of all physics concepts.
- The Department of Physics was represented by members of staff, Undergraduate Student volunteers and the Outreach Team at the Faculty of Science and Technology's Science Festival 2023 on Friday, March 31, 2023 and April 1, 2023. Students were engaged in a wide range of activities such as Live Demonstrations, Interactive Displays, Meeting Local Scientist, A micro-talk of Science as well as games, entertainment and surprises and much more.
- The Department of Physics, Faculty of Science and Technology, UWI Mona in collaboration with the Astronomical Association of Jamaica hosted a 'Night with the Stars' event on May 5, 2023. Local expert astronomers gave enthusiasts an opportunity to delve into the realm of the extraterrestrial to explore the surface of celestial bodies through telescopes. The nightlong event was skillfully decorated to encapsulate the theme, compacted with music, refreshments and engaging activities to keep all entertained. Sponsorship was also provided by J. Wray and Nephew.
- The Department of Physics welcomed three students into it's summer internship program. The students, Toni Ann Hendricks (Energy and Environmental Physics – Final Year), Nathan Gordon (Electronics and Computer Science – Year 1) and Adam Taylor (Computer Science and General Physics – Year 2), have embarked on this enriching journey that spans from June to mid-August.

During the program, the students have been actively involved in a multitude of research and development tasks. The goal of these activities is to provide practical experience and exposure pertinent to each student's field of study.

- The Jamaica Cancer Society's Relay for Life 2023 in collaboration with The Faculty of Science and Technology held a fund raising event on June 10-11, 2023. The focus of awareness, was breast cancer and in light of the passing of Dr. Phylicia Ricketts a special tribute was held in her honour.
- The Department of Physics hosted a group of 14 students and 4 coaches from the Liguanea Chess Club's Summer Camp on July 27, 2023. The tour focused on demonstrating experiments that are based on concepts related to optics, mechanics, fluid dynamics, and measurements. The group was also given a short presentation and demonstration of 3D printing, and was able to interact with electronics equipment that is part of an ongoing project. The tour was led by Dr. Louis-Ray Harris with the assistance of Ms. Alexandra De Freitas (Postgraduate Student), Mr. Kevaghn Williams, and Ms. Shalise Petrie (Undergraduate Students).
- Professor Vashan Wright, Assistant Professor of Geophysics and Granular Physics at Scripps Institute of Oceanography at The University of California San Diego visited the Department on July 5, 2023. Prof. Wright made a presentation to Undergraduate and Postgraduate students on an upcoming graduate school and internship opportunities in Geophysics and Soft-matter/Statistical Physics with the Scripps Institute.

SPECIAL PROJECTS AND SEMINARS

- Professor Michael Taylor was invited to participate in the high-level "Seminar on Building a Science and Data-based Agenda for Decision-making on Resilience in the Caribbean" held October 20–21, 2022 in the Commonwealth of Dominica. The conference was organized by the Organization of American States (OAS) and other international partners. Professor Taylor gave the opening presentation, which examined Climate Vulnerability to Climate Resilience: Essentials for Sound Decision Making.
- The Physics Departments of The University of the West Indies, Mona in collaboration with the St. Augustine Campus observed the International Day of Medical Physics on November 24, 2022. Dr. Phylicia Ricketts was invited to give a lecture on the, "Education Pathways in becoming a qualified Medical Physicist".
- The Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE) in partnership with The University of the West Indies hosted the "Regional EV-Lution III" on November 25 on the Mona Campus under the theme "Our

Transportation Future is Electric”. The expo was a public and private sector partnership and aimed to increase awareness on electric vehicle (EV) technology. Increased interaction with the EVs (e.g. through test drives) was enabled. The University commissioned a charging station courtesy of Flash Motors. A university session was facilitated that was chaired by Prof. Tannecia Stephenson and included presentations from university representatives including Dr. Louis-Ray Harris; Santana Lewis (postgraduate student), Paul-Junior Brown and Lorenzo Lewin (undergraduate students) who are supervised by Dr. Randy Koon Koon. Prof. T. Stephenson and Dr. R. Koon Koon were members of the Planning Committee.

- Prof. Massimiliano Galeazzi-Physics Department Chair, MasonKlein-Admissions Committee Chair; and Annie Sebro-Graduate Program Administrator, from The University of Miami, delivered a virtual session on November 22, 2022, on the different internal research areas and positions available within the University.
- Professors Tannecia Stephenson and Michael Taylor were online participants in the 12th Caribbean Conference on Comprehensive Disaster Management (CDM) held in hybrid mode December 7–9, 2022. On December 7, 2022 Prof. Stephenson delivered one of the keynote addresses using the theme: A Risk-Based Approach to Managing Multiple Risks in Caribbean SIDS and LLCs. On December 7, 2022 Professors Stephenson and Taylor also participated in the Launch of the Lancet Countdown on Health and Climate Change Regional Centre for Small Island Developing States. Prof. Stephenson presented on Current and Projected Climate Change Trends in SIDS: A Climate Science Perspective. Prof. Stephenson presented on Climate Change: The Together Experience in an online forum hosted by the Society for Scientific Advancement (SOSA) on December 8, 2022.
- Candice Charlton virtually attended the Commonwealth Science Caribbean (CSC) Conference follow-up meeting on February 9, 2023. The aim of the conference was to build on and strengthen the scientific ties and networks that were formed at the CSC, to provide more opportunities to continue discussions on the thematic areas and critical global challenges explored, and to equip delegates with the tools and experience required to bring their research findings to the heart of policy making.
- Mr. Dominic Chang gave a presentation in the Department entitled “Bayesian Forward Modelling of Supermassive Blackhole”. Mr. Chang, a past student in the Department is currently pursuing his PhD at Harvard University; Mr. Chang is an expert in the field of astrophysics, with a particular focus on the study of black holes.

- Under the United Nations Environment Programme (UNEP) CityAdapt Project, Dr. Jayaka Campbell, member of a team of consultants and subject matter experts that presented on Climate and Climate Change for the Hope River Watershed Management Unit. The Project called for a Rapid Ecological Assessment and Socio-economic Survey of the Hope River Watershed Management Unit. The session was held virtually Friday 3rd March 2023.
- Dr Jayaka Campbell, Dudley Williams (Graduate student) and Toni Ann Hendricks (Undergraduate student) is undertaking work with the Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE) to produce an energy Dossier for Jamaica on behalf of the Inter-American Development Bank. The energy dossier is a report that collects detailed energy sector data for Jamaica. The kick-off meeting for the project was held on the 30th of May, 2023.
- Dr. Jayaka Campbell was invited to present at the 2023 Caribbean Regional Outlook Forecast Meeting held at the Jamaica Pegasus Hotel on May 24, 2023 entitled “Preparing Caribbean Sectors for Future Climate Challenges”. Insights into monthly activities, and highlighted initiatives were addressed as well as the challenges for the need to enhance resilience in the agriculture, water resources, disaster management, and tourism sectors. The latest climate data, forecasts, and trends, was shared enable an informed approach for decision-making. The event facilitated discussions, sharing of experiences and exploration of innovative solutions. Successful initiatives and best practices were showcased and areas for improvement were identified. Overall, the presentation served as a significant step towards fostering resilience and sustainable development in the Caribbean amidst climate change impacts. Attendees included climate experts, policymakers, and stakeholders from various sectors including health, water and disaster planners who were the focus of this year’s meeting.
- The Climate Studies Group Mona (CSGM) has been commissioned to assist the Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE). Their collaborative effort is focused on the creation of a Caribbean Regional Energy Integration and Decarbonization Assessment. The overarching goal of this project is to enhance energy security within the Caribbean region. The consultancy is valued at USD29,600.
- The Climate Studies Group Mona (CSGM) has been commissioned to assist the Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE). Their collaborative effort is now focused on the preparation of an energy dossier for Jamaica. The overarching goal of this undertaking is to enhance the understanding of Jamaica’s energy landscape and to assist in strategic planning for its future energy needs. The consultancy is valued at USD 6,880.00.
- The Climate Studies Group successful hosted representatives from the Instituto de Meteorología de Cuba and the University of Tennes-

see-Knoxville, from July 3, 2023 to July 14, 2023. Their visit provided a unique platform for collaboration aimed at addressing the significant and pressing climate issues affecting the Caribbean region. One primary collaborative objective is to strengthen cooperative efforts in climate research and generate fresh ideas for a sustainable Caribbean future. Researchers from Cuba were Dr. Abel Centella, Dr. Arnoldo Bezanilla and Dr. Maibys Sierra Lorenzo whilst Dr. Dimitris A. Herrera represented the University of Tennessee-Knoxville.

STAFF RECOGNITION AND STUDENT AWARDS

- Mr. Alton Daley was awarded a fulbright scholarship to pursue his Doctorial Degree in the United States. Mr. Daley had obtained a Bachelors of Science in Energy and Environmental Physics and a Master of Philosophy in Applied Physics from The University of the West Indies.
- Professors A. Anthony Chen and Michael Taylor were nominated and short-listed for National Medal for the Science and Technology. On November 14, 2022, The Most Honourable Prime Minister Andrew Holness presented the Certificate of Recognition to Professor Taylor for his outstanding contribution to Scientific and Technological Research in the Field of Climatology in Jamaica. A Certificate of Recognition was also prepared for Prof. A. Anthony Chen.
- Mrs. Rochelle Walters (Technical Staff) and Mrs. Joy Davis (Service Staff) were recipients of awards for their hard work and dedication under the theme “Unsung Hero” at the Faculty of Science and Technology’s Technical and Service Staff Appreciation Day held November 24, 2022.
- Janielle McKoy (Undergraduate Student) participated in the International Huawei Seeds for the Future program (SFTF). The SFTF2023 cohort was selected from: Trinidad & Tobago, Peru, Suriname, Jamaica, Slovenia and China. Ms. McKoy also completed a weeklong (November 7–14, 2022) training session on 5G, Artificial Intelligence, Cloud Computing and Digital Power and was selected among the top 10 performers nationally. Ms. McKoy was rewarded with a trip to Panama from January 13–18, 2023 for a leadership to participate in a cultural exchange of activities along with other top performers.
- Deron Maitland (Postgraduate Student) departed the island on January 25, 2023 for a 5–6 month visit to the University of Bergen (UiB), Norway as an Erasmus + International Credit Mobility student. Mr. Maitland is expected to engage a Master’s level course titled “Data Analysis in Earth Sciences” in the Faculty of Mathematics and Natural Sciences, UiB and also to conduct research on Caribbean Sea level change at the Bjerknes Centre for Climate Research (BCCR), UiB, Norway. This is made possible by the MOU between the UWI and UiB.

- Ms. Leonie Stull (Administrative Staff) was the recipient of an award under the theme “Unsung Hero” at the Faculty of Science and Technology’s Administrative and Professionals Appreciation Day on April 26, 2023.
- Ms. Candice Charlton was accepted on May 4, 2023, to do a poster presentation on her paper titled “Evaluating skill of the Keetch–Byram Drought Index, Vapour Pressure Deficit and Water Potential for determining bushfire potential in Jamaica” at the World Climate Research Program (WCRP) Open Science Conference 2023: Advancing Climate Science for a Sustainable Future, Early-to-mid-Career Researcher (EMCR) Symposium to be held in Kigali, Rwanda from October 22–28, 2023.
- The Principal’s Research Awards Ceremony was held on July 26, 2023. Recipients for the three-year period 2020–2023 were acknowledged as follows:

Year 2020:

- Prof. Michael Taylor and Prof. Tannecia Stephenson – Best Research Publication for the paper entitled “Caribbean Climate Change Vulnerability: Lessons from an Aggregate Index Approach”.
- Dr. Tanya Kerr – Best Research Publication for her paper entitled “The use of Raman spectroscopy to monitor phase changes in concrete following high temperature exposure”.
- Prof. Mitko Voutchkov and Dr. Da-Vaugh Sanderson – Best Research Publication for the paper entitled “Bioaccumulation of cadmium in potato tuber grown on naturally high levels cadmium soils in Jamaica”.
- Dr. Venkateswara Penugonda – Most Outstanding Researcher for 5 publications produced during 2018/2019.
- The Climate Studies Group Mona – Research Project Attracting the Most Research Funds for its project “Resilience Strengthening to Climate Change Impacts through Youth Education in Primary Schools”.
- Dr. Andre Coy and Dr. Penugonda received one of the awards for Research Project with the Greatest Multidisciplinary/Cross-Faculty Collaboration for the project “A Review of a Tertiary Level Institution’s Initiative for Enhancing Education in STEM at the Secondary School Level”.

Year 2021:

- Dr. Andre Coy – Best Research Publication for his paper entitled “Improving the Estimation of Fractional Vegetation Cover from UAV RGB Imagery by Colour Unmixing”.
- Dr. Venkateswara Penugonda – Most Outstanding Researcher for the 6 publications produced during 2019/2020.

- The Climate Studies Group Mona – Research Project Attracting the Most Research Funds for project “State of the Caribbean Climate”.

Year 2022:

- The Climate Studies Group Mona – Research Project with the Greatest Impact on Policy for its project “Risk/Vulnerability Assessments and Preparation of Climate Change Adaptation Strategies/Plans for Five Priority Sectors”.

Year 2023:

Professor A. Anthony Chen, Dr. Randy Koon Koon and Mrs. Khatiza Mohamed-Koon Koon – Best Research Publication for paper entitled “A Monte Carlo based approach to the resource assessment of Jamaica’s geothermal energy potential”.

STAFF CHANGES

- Dr. Leary Myers retired on September 30, 2022 as a Senior Lecturer in the Department of Physics. Dr. Myers joined The UWI family in 1993 and has an extensive teaching and research record and further made significant contribution to the University as chair of a number of committees. Dr. Myers was awarded for over 15 years of continuous service to the University.
- Mr. Jeremy Lothian resigned his position as Driver and also Mr. Andre Gordon resigned his position as Senior Scientific Officer as at January 2023.
- Dr. Randy Koon Koon resigned his position as lecturer, which took effect on July 31, 2023.

INFRASTRUCTURE UPGRADES

Annual Pre-Labour Day activities were held on Friday, May 19, 2023. The projects that were undertaken were the remarking of curb walls in the Physics Parking Areas, clearing, cleaning, storing and depositing of items in the Electronics Laboratory and a few landscaping activities which included repacking potted plants and pruning a few plants within the department.

PASSING

The Physics Family acknowledges the passing of our dear colleagues and extend sincere condolences to their bereaved families:

- Mrs. Beverley Hurlock Cox, who passed away on September 6, 2022. Mrs. Hurlock-Cox was initially employed as Cleaner on June 26, 1989 at the Faculty of Medical Sciences in the Department of Advance Nursing Education. She

was transferred to the Department of Physics on January 1, 1998 where she occupied the position of Departmental Attendant II. On August 1, 2016, Mrs. Hurlock-Cox was promoted to the position of Laboratory Attendant I and worked in this position until her untimely death. In 2014, she was the recipient of a UWI long service award for 21 years.

- Dr. Phylicia Ricketts, who sadly passed on February 24, 2023. Dr. Ricketts is a graduate from The UWI, Mona Campus in 2011 with a Medical Physics BSc. and holds a PhD in Applied Physics in 2017. Dr. Phylicia has been serving the Department as a Lecturer since August 2018 and was a recipient of the 2018 Prime Minister's Youth Award for Excellence in Innovation Science and Technology. Dr. Ricketts was one of nine awardees in the Scientific Research Council's (SRC), Science and Technology XXtrordineers Jamaican women in 2022.
- Dr. Victor Emanuel Douse, a retired member of staff who sadly passed away on April 30, 2023. Dr. Victor Douse joined the Faculty of Science and Technology on June 1, 2000 where he diligently served the Department of Physics for twenty (21) years until his retirement in July 2021. Dr. Victor Douse who was a recipient of The UWI Long Service Award for 15 years of service to The UWI. During his tenure, he served in various roles – Demonstrator, Teaching Assistant, Assistant Lecturer and Lecturer. Dr. Douse served as Chair or Vice Chair on three local committees, including the National Aggregates Technical Committee, the National Building and Associated Materials Technical Committee and National Cement Technical Committee.

PUBLICATIONS

Articles

- Jie Chen, Wenhao Fan, Yachao Wang, Yu Jiang, Saneyuki Ohno, Zuhair A. Munir, **Marhoun Ferhat** Shaoping Chen "Improvement of Stability in a Mg₂Si-based Thermoelectric Single-Leg Device via Mg₅₀Si₁₅Ni₅₀ Barrier" *Journal of Alloys and Compounds*, August 2022, DOI: 10.1016/j.jallcom.2022.166888 IF: 6.371
- Morales-Aragonés JI, **Williams MSM**, Gómez VA, Gallardo-Saavedra S, Redondo-Plaza A, Fernández-Martínez D, Sánchez-Pacheco FJ, Cuadro JGF, Hernández-Callejo L. A Resonant Ring Topology Approach to Power Line Communication Systems within Photovoltaic Plants. *Applied Sciences*. 2022; 12(16):7973. <https://doi.org/10.3390/app12167973> IF: 2.838
- **Charlton, C.; Stephenson, T.; Taylor, M.A.; Campbell, J.** Evaluating Skill of the Keetch–Byram Drought Index, Vapour Pressure Deficit and Water Potential for Determining Bushfire Potential in Jamaica. *Atmosphere* 2022, 13, 1267. <https://doi.org/10.3390/atmos13081267> IF: 3.110

- A.Pranav Kumar, S. Hima Bindu, **P. Venkateswara Rao**, K. Naveenkumar; M. Mohan Babu, T. Satyanarayana, M. Sroda, P.Syam Prasad “Structural investigations of borate incorporated germanium antimonate glasses” *Results in Chemistry*, Volume 4, January 2022, 100449, ISSN: 2211-7156 <https://doi.org/10.1016/j.rechem.2022.100449> **IF: 2.3**
- Patricia S. Silva, Joao L. Geirinhas, Remy Lapere, Wil Laura, Domingo Cassain, Andras Alegra, **Jayaka Campbell** (2022). Heatwaves and fire in Pantanal: Historical and future perspectives from CORDEX-CORE, *Journal of Environmental Management*, Volume 323, <https://doi.org/10.1016/j.jenvman.2022.116193>
- **Stephenson, T.S., M.A. Taylor**, A.R. Trotman, **C. Charlton**, T. Allen, **L.A. Clarke**, J.M. Spence, **J.D. Campbell**, K. Kerr and C.J. Van Meerbeeck 2021: [Regional Climates] Caribbean [in State of the Climate in 2021]. *Bull. Amer. Meteor. Soc.* **103** (8), S369–S370, https://doi.org/10.1175/2022BAMSStateoftheClimate_Chapter7.1
- Gullino, M.L.; Albajes, R.; Al-Jboory, I.; Angelotti, F.; Chakraborty, S.; Garrett, K.A.; Hurley, B.P.; Juroszek, P.; Lopian, R.; Makkouk, K.; Pan, X.; Pugliese, M. and **T. Stephenson** (2022). Climate Change and Pathways Used by Pests as Challenges to Plant Health in Agriculture and Forestry. *Sustainability*, *14*, 12421. <https://doi.org/10.3390/su141912421>
- Morales-Aragones JI, **Williams MSM**, Kupolati H, Alonso-Gómez V, Gallardo-Saavedra S, Redondo-Plaza A, Muñoz-García MÁ, Sánchez-Pacheco FJ, Hernández-Callejo L. A Power-Line Communication System Governed by Loop Resonance for Photovoltaic Plant Monitoring. *Sensors*. 2022; 22(23):9207. **Impact Factor: 3.847**
- **Deron O. Maitland**, Michael A. Taylor and Tannecia S. Stephenson, “Investigation of Multi-Timescale Sea Level Variability near Jamaica in the Caribbean Using Satellite Altimetry Records” *J. Mar. Sci. Eng.* 2023, 11(8), 1499; <https://doi.org/10.3390/jmse11081499>

Book Chapter

- **A. Coy. (2022).** Barriers to Technology-enabled Education for the Deaf in the Caribbean. In S. N. J. Blackman (Ed.). *Equitable Education for Marginalized Youth in Latin America and the Caribbean*. New York: Routledge.
- **Taylor, Michael, 2022:** Sea-level Rise and Small Islands. In *The Climate Book*. Created by Greta Thunberg. Penguin Random House, UK. ISBN 978-0-241-54747-2.

CONFERENCE ABSTRACTS

- **Craig Rattray**, Kert Edward and **Marhoun Ferhat** “Development of a Simple Automated Image-based Sun Position Tracking Algorithm” The Frontiers of Research in Caribbean Science and Technology (FORECAST) Conference 2022: “Science & Technology: a D.R.I.V.E.R. of transformation”. Kingston, Jamaica, August 2022
- **Dudley Williams, Theodore Wynter, Jayaka Campbell, Tannecia Stephenson, Marhoun Ferhat** “nearing a tipping point: heat-stress and small scale poultry farming in Jamaica” The Frontiers of Research in Caribbean Science and Technology (FORECAST) Conference 2022: “Science & Technology: a D.R.I.V.E.R. of transformation”. Kingston, Jamaica, August 2022
- **Mr. Andre McGlashan, Dr. Venkateswara Penugonda**, Dr. Peter Nelson “Physical, thermal, optical, shielding and elastic moduli parameters of Bi₂O₃-B₂O₃-TeO₂ glass system doped with Fe₂O₃” The Frontiers of Research in Caribbean Science and Technology (FORECAST) Conference 2022: “Science & Technology: a D.R.I.V.E.R. of transformation”. Kingston, Jamaica, August 2022
- P.S. Mohammed, **A.Coy**, P. Skerit, Y. Lewis-Fokum, A. Mohammed, A. Hosein. The Importance of Culturally-Situated Design on Children’s Interaction with Speech-Enabled Features in an Online Spelling Tutor. In Proceedings 24th International Conference on Human-Computer Interaction (HCII2022), 2022.

PUBLIC SERVICE

Dr. Andre Coy

- Convener, Physics Panel for Caribbean Examination Council; Reviewer Journals, IEEE Transactions on Audio, Speech and Language Processing, Computer Speech and Language, Instrumentation Science & Technology; Member IEEE Signal Processing Society;
- Member IEEE Communications Society;
- Member STEM Integration Committee – Ministry of Education; Advisor to the Ministry of Education – Core Curriculum Unit.

Dr. Marhoun Ferhat

- Member of the Jamaica Energy Council (JEC) and UWI mona representative.

Dr. Louis-Ray Harris

- Board of Directors for the Spectrum Management Authority Limited

Dr. Tanya Kerr

- Member of the International Association of Fire Safety Science (IAFSS)

Dr. Venkateswara Penugonda

- Editorial Board Member for the Journal of Engineering Publication House;
- Life member in Luminescence Society of India (LSI);
- Editorial Board Member for the SCIREA Journal of Materials;
- Member in Caribbean Academy of Sciences, Jamaica (CASJ);
- Reviewer Journals: 1. *Applied Physics A*, 2. *Spectroscopy Letters*, 3. *Materials Science – Poland*, 4. *Journal of Alloys and Compounds*, 5. *Journal of Molecular Liquids*, 6. *Journal of Radiation Research & Applied Sciences*, 7. *Ionics*, 8. *Journal of Non-Crystalline Solids*, 9. *Journal of Physics & Chemistry of Solids*, 10. *Radiation Physics and Chemistry*, 11. *Optical Materials*, 12. *Journal of Industrial Textiles*, 13. *Journal of Results in Physics*

Professor Tannecia Stephenson

- Member, WCRP Climate and Ocean – Variability, Predictability and Change (CLIVAR) Atlantic Region Panel, 2021–2023;
- Point of Contact for CORDEX- Central America;
- Member, Steering Committee, Pilot programme for Climate Resilience.

Professor Michael Taylor

- Member, Board, International Centre for Environmental and Nuclear Science (ICENS); Member, Board, Scientific Research Council (SRC);
- Member, Jamaica, National Educational Transformation Commission; Representative for Jamaica to the Inter American Institute for Global Change;
- Member, Climate Change Advisory Board, Ministry of Economic Growth and Job Creation. Member, Steering Committee, Pilot Programme for Climate Resilience (Caribbean);
- Reviewer Journals: *Journal of Geophysical Research*, *International Journal of Climatology*, *Journal of Climate*, *Climate Dynamics*, *Theoretical and Applied Climatology*, *Tellus A*.
- Member, Jamaica's High-Level Education Transformation Commission.

Dr. Jayaka Campbell

- Steering Committee Member of Global Science Partnership for Net Zero and Jamaica Representative.

GRANTS

- Dr. Andre Coy and his collaborators received US\$50,000.00 grant for the Futures Forum on Learning: Tools Competition, Bridging Reading Instruction Gaps through The use of a Speech Technology-enabled Autonomous Reading Tutor (BRIGHT START). The duration of the project is 2 years, starting from August 2022.
- Dr. Randy Koon Koon in collaboration with research colleagues from the University of Belfast submitted a research grant proposal to the Global Challenges Research Fund Networking Grants scheme with the proposal entitled, “CariGeo – Supporting Direct-Use Geothermal Energy Application across the Caribbean.” The grant under request is approximately £25,000.00
- Dr. Andre Coy was awarded research credits from Amazon Web Services (AWS) for a pilot of the BRIGHT START project. The research credits allow for use of AWS computing and storage for the duration of the trial. The amount of the award is USD 11,969.76.
- E-learning Jamaica had provided an equipment grant to Dr. Andre Coy. The grant covers the provision of 600 tablets for use by students in a pilot of the JUMPSTART literacy tutor project. The value of the grant is USD90,000.



THE BIOTECHNOLOGY CENTRE

Dr. Rupika Delgoda, D.Phil. (Oxon), B.Sc. (Hons.) – Director (Acting)

WORK OF THE CENTRE

The Biotechnology Centre (BTC) witnessed a period a transition during 2022/2023 academic year. Our former Head Prof. Marcia Roye moved to lead the campus Office of Graduate Studies and Research, as well as Prof. Asemota retired. With an interim Head, Prof Rupika Delgoda, from the Natural Products Institute (NPI) the graduate students benefitted from the launch of a joint seminar series between NPI and BTC and an increased interactions with the NPI over technical skills enhancement. The training of MPhil and PhD students continued with support from Faculty members outside of the Centre, while communities, internationally and locally, continued as collaborative partners through research and training.

The Centre also hosted the Summer Internship Programme in Biotechnology. Over the internship period, the interns learnt how to use the Centre's laboratory instruments, participated in the extraction of nucleic acid from plants, bacterial cells (plasmid) and insects using various extraction techniques. The participants and BTC members also got an opportunity to work with the NPI where participating BTC members and interns benefitted from training in insecticide resistance assays.

Academic members continued to be highly engaged in providing presentations and papers at various local and international fora. We are particularly proud of the recognition received by Prof. Marcia Roye as the S&T XXTORDINEERS JA 2022 Award by Scientific Research Council in recognition of Significant Scientific Achievements in Jamaica.

The Centre's long awaited infrastructure improvement was initiated towards the end of the academic year, to mitigate damage from extended rain and water. Members of the BTC has been engaged in discussions as part of the merger with several other units within the Faculty of Science and Technology, and we look forward to enhanced and vibrant engagements within a larger research community in the future.

The **Academic Staff and Programmes** of the Centre are:

- a. Prof. Rupika Delgoda, Professor of Biochemical Pharmacology and Pharmacognosy, and the Director of the Natural Products Institute in the Faculty of Science and Technology, serves as the interim Director of the Biotechnology Centre.
- b. Prof. Marcia Roye, Professor of Molecular Virology, serves as the Director for the Office of Graduate Studies and Research, Mona campus leads the Geminivirus Research Group of the Centre.
- c. Professor Paula Tennant, Professor of Molecular Plant Pathology at the Life Sciences Department of the Faculty of Science & Technology, who also has served the Biotechnology Centre, who leads the Molecular Virology Research Group of the Centre.
- d. Dr. Sylvia Mitchell, FST, Senior Lecturer, coordinates the FST Foundation course, Foun1201 Science Medicine and Technology in Society and leads the Medicinal Plant Research Group at the Centre.
- e. Prof. Nouredine Benkeblia, Professor of Crop Science in the Department of Life Sciences, FST, leads the Tree Crops & Metabolomics Research Group.
- f. Mrs. Deiondra Tai, Assistant Lecturer and PhD candidate (Biotechnology) at the Biotechnology Centre.

The team at the Biotechnology Centre collaborate with other researchers at UWI, locally and globally to drive the research agenda, the MPhil & PhD programmes of the Centre, train both Centre-registered MPhil & PhD candidates and graduate students from other departments including the departments of the Life Sciences, Basic Medical Sciences (Biochemistry Section) and the Natural Products Institute. Professor Roye, Dr Mitchell and Mrs Tai have teaching assignments at the undergraduate and graduate levels and are also Principal Investigators (PI) or Co-PI of several research and developmental projects.

The **Support Staff** of the Centre in this period were: Mr. Carlton Barrows (Senior Laboratory Technologist), Ms. Karen Stewart (Senior Administrative Assistant II), Mr. Roy Dwyer (Handyman), and Ms. Shernette Banks-Ashman (Laboratory Attendant).

ACCESS

STUDENTS OF THE CENTRE

Seventeen (17) postgraduate students are enrolled in PhD or MPhil in Biotechnology degree programmes: **Princess Bell, Lowen Williams, Fabian Miller, Nikolai**

Lutas, Tamara Grant, Chevaughn Witter, Julian Bailey, Orville Byfield, Bayode Bamikole, Donella Dawkins, Jordon Freeman, Kevon Stewart, Antoni Comrie, Cheryl Green and Patrice Pitter. Associated postgraduate students (Department of Basic Medical Sciences – Biochemistry Section) include: **Keaton Logan** and **Sasha-Gay Williams**. The students were attached to various UWI research groups and supervised by collaborative teams locally and internationally.

STUDENTS OUTPUT/DEVELOPMENT

Graduates

- Mr Jordon Freeman, PhD student, was among nine Jamaicans who were selected for the US Department of State's Young Leader of the Americas Initiative (YLAI) Fellowship Programme, who left the island for the US to commence four-week professional placements with US businesses during the period May to June 2023. The participants collaborated with their peers to address shared business challenges, as well as engage in virtual and in-person events and cross-cultural activities.

Undergraduates

- Jodi-Ann Henry (2023) Using leaf-of-life (*Bryophyllum pinnatum*) propagules to identify local tissue culture media components to substitute for imported ones. BIOC3413 Research Project, 2023.05.11, supervised by Dr Sylvia Mitchell.
- Britney Francis (2023) Exploration of factors affecting the initiation, multiplication and rooting of Bamboo (*Bambusa vulgaris*). Undergraduate Research supervised by Dr Sylvia Mitchell.
- Charisma Minnis, Tavar Harriott and Mpule Clarke undergraduates volunteered with Dr Mitchell during this year.

PUBLICATIONS

Referred Journal Publications:

- **Mitchell SA** (2022) Status of Jamaica's Bamboo Industry, Emphasizing Research and Innovation, SIBGUADUA, 7th International Symposium on Bamboo and Guadua, September 15th, 2022
- **Mitchell SA** (2022) Use Access and Benefit Sharing (ABS) to turn Value Chains into Value Rings to Ensure Biodiversity Hotspots Survive & Flourish for Future Generations, Online Poster, Future Earth Assembly Global Peace Annual Summit

- **Mitchell SA** (2022) Creating Alternative Modes of Development Cooperation for Food Sovereignty and Reparatory Justice. GPN-UWI-ICKL Farmers Empowerment Event. September 29th, 2022.
- Plummer N; Wilson M; Yaneva-Toraman I; McKenzie C; **Mitchell S**; Northover P; Crowley K; Edwards T; Richards A (2022) Recipes for Resilience: Engaging Caribbean Youth in Climate Action and Food Heritage through Stories and Song. In Special Issue “The Role of Culture and Food Heritage in Promoting Sustainable Food Choices and Tackling Global Challenges”, *Sustainability*, 14, 8717.

Book & Book Chapter

- Amarakoon I.I., Hamilton C-L, **Mitchell SA**, **Tennant PF**, **Roye ME**. (2023) Chapter 28: Biotechnology, Part VII Technology Applications using biological systems, In: S. Badal and **Y Clement** (Eds) *Pharmacognosy: Fundamentals, Applications and Strategy*. Elsevier Academic Press, USA. 2nd Edition, 738 pgs; ISBN 9780443186578; 01.08.2023 (<https://www.elsevier.com/books/pharmacognosy/badal-mccreath/978-0-443-18657-8>)

ALIGNMENT

PAPERS PRESENTED

- **Roye M.** (2023) “Virus Discovery and Evolution: Geminivirus and HIV”, “The Professor Speaks” Lecture Series, Faculty of Science & Technology, UWI, July 06, 2023.
- **Mitchell SA**, Lindsay K, Richards A (2023) Bioprospecting and biopiracy in the Caribbean: Challenges and opportunities for the region, 1st Frontiers of Research in Caribbean Science and Technology Conference, *Journal of Arts, Science and Technology* (FORECAST Special Edition), 15: 11–42.
- **Mitchell SA** (2023) Ethnobiotechnology: A way to look backward and forward at the same time. Science Awareness Webinar Series IV, Future Earth South Asia Hub, July 26, 2023
- **Mitchell SA** (2023) Aligning academics, educators, local leaders and funding sources to co-develop ethnobiotechnological solutions ensures technology transfer is ecologically-sound, aligned to indigenous and local community needs, sustainable and successful. Sustainable Research Innovation (SRI) conference, June 26–30, 2023, Panama.
- Yaneva-Toraman I, Edwards T, **Mitchell S**, Wilson M, Northover P, Plummer N, Richards A, McKenzie C, Pairman R (2023) ‘Forgotten Foods’ and Ancestral

Peoples: Bridging Climate Adaptation with Cultural Recognition in Jamaica's 4-H School Gardening Program, Panel 48: Tradition is the new normal: food and farming revivalism as response to crises, ASA2023: An Unwell World? Anthropology in a Speculative Mode, Association of Social Anthropologists of the UK (ASA) Conference, SOAS, University of London, April 11–14, 2023. Paper presented April 11th, 2023. <https://nomadit.co.uk/conference/asa2023/p/12867>

- **Mitchell, SA** (2023) Twelve Ways to Realise the Potential of Biotechnology, Your Waste, Your Health, Microtalk, FST Science Festival, March 31, 2023.
- **Mitchell, SA** (2023) Transforming agriculture for us and future generations by judicious use of ethnobiotechnology in Jamaica: experience teacheth wisdom, HEART/NSTA Trust Ebony Park Academy Annual Open Day under the theme 'Revolutionizing the Agriculture and Hospitality sectors through Innovation, Technology and Training', seminar section 'Transformative Agriculture', March 17, 2023.
- **Mitchell SA** and Delahaye C (2022) Jamaica Essential Oil Research and Development: the good, the bad and the possibilities. 2nd Annual doTerra Essential Oil Research Symposium, Utah, USA, December 1, 2022.
- **Mitchell SA** (2022) Recycling used bottles, toilet rolls and other containers for use in the Biotechnology method of plant tissue culture, International Conference and Expo on Recycling and Waste Management, Global Scientific Forum, Virtual Event. November 09, 2022.
- Plummer N, Wilson M, **Mitchell SA**, Toraman IY, McKenzie C, Northover P, Edwards T, Donovan K, Richards A (2022) Connecting Caribbean Youth to Climate Justice through Plant Heritage Stories and Music. Theme: Culture, identity, the creative arts and the portrayal and representation of the environment and climate change in the ritualistic habits and emotional and aesthetic state of being; the use of the creative arts to raise environmental consciousness and agency. Institute of Technological and Educational Research, Mico University College Conference on the Environment and Climate Change Education, Mico, October 13–15, 2022, Kingston, Jamaica.
- **Mitchell SA** (2022) Creating Alternative Modes of Development Cooperation for Food Sovereignty and Reparatory Justice. GPN-UWI-ICKL Farmers Empowerment Event. September 29, 2022.
- **Mitchell SA** (2022) Use Access and Benefit Sharing (ABS) to turn Value Chains into Value Rings to Ensure Biodiversity Hotspots Survive & Flourish for Future Generations, Online Poster, Future Earth Assembly Global Peace Annual Summit, September 21–23, 2022
- **Mitchell SA** (2022) Status of Jamaica's Bamboo Industry, Emphasizing Research and Innovation, SIBGUADUA, 7th International Symposium on Bamboo and Guadua, September 15, 2022

- **Mitchell SA**, Lindsay K, Richards A (2022) Bioprospecting and Biopiracy in the Caribbean: Challenges and Opportunities. *Frontiers Of Research In Caribbean Science and Technology (FORECAST) Virtual Conference 2022 – Science And Technology: A Driver of Transformation*. August 10–12, 2022; Resilience Session, August 10, p. 37.
- **Mitchell, SA** (2022) Thirty-five years of tropical plant tissue culture R&D in Jamaica: the challenges and breakthroughs, Session 1: Botanicals of Caribbean Diaspora. American Council for Medicinally Active Plants, O2, June 29th, 11th Annual Hybrid Conference, Puerto Rico, June 28–July 2, 2022.

Newspaper articles

- **Mitchell, SA** (2023) Jamaica's medicinal plants, Aloe vera – my healing recipes, *Freedom Come Rain* newspaper, Vol 3 (49), pg 23, July 29, 2023
- **Mitchell, SA** (2023) Jamaica's medicinal plants, Aloe vera, *Freedom Come Rain* newspaper, Vol 3 (48), pg 23, July 22, 2023
- **Mitchell, SA** (2023) Science and Farming: Sugarcane tissue culture – a technology waiting on a believer, *Freedom Come Rain* newspaper, Vol 3 (46), pg 23, July 01, 2023
- **Mitchell, SA** (2023) Farming and Science: Tissue culture – experience of a local farmer in Harker's Hall, St Catherine, *Freedom Come Rain* newspaper, Vol 3 (43), pg 23, June 10, 2023
- **Mitchell, SA** (2023) Raining Science: Irish potato tissue culture, *Freedom Come Rain* newspaper, Vol 3 (42), pg 23, June 03, 2023
- **Mitchell, SA** (2023) Raining Science: The IITA / SRC / UWI project revitalized the yam industry in Jamaica, *Freedom Come Rain* newspaper, Vol 3 (40), pg 23, May 20, 2023
- **Mitchell, SA** (2023) Raining Science: UWI, Mona salutes Dr Sylvia Mitchell, *Freedom Come Rain* newspaper, Vol 3 (40), pg 14, May 20, 2023

COLLABORATIONS AND TECHNICAL REPORT/SCIENTIFIC REPORTS/WHITE PAPERS

The Biotechnology Centre, UWI, Mona, has been engaged in a Scientific and Technical Cooperation project with The Government of Mexico over many years. The MOU was initially signed in 2018 for collaboration with CIAD and The Biotechnology Centre. The last approved project is entitled “Bioengineering of Yams & Other Selected Caribbean Roots and Tuber Crops Biomaterials for Value-chain Expansion & Pre-commercialization Analyses”. This project was designed to expand value chain of selected Caribbean and Mexican crops. It was specifically set out to facilitate the screening of biochemicals from selected crops, identification of

biomaterials with health benefits, production of innovative by-products and also to conduct pre-commercialization analyses for enhanced competitiveness in the agro-industry. Also, an important objective of this engagement is to strengthen the capacity of the Biotechnology Centre, UWI, Mona and its associated network.

A report was submitted by the Biotechnology Centre through the Acting Director Prof. Delgoda and graduate students, Ms Tamara Grant and Mr Jordon Freeman to close off this cycle. The Project was subsequently renewed for two years, January 2023 to December 2025 period. The Biotechnology Centre is seeking to re-establish its precommercial arm. The aim is to select potential research that may have commercial prospects and develop value added products for the market. This will in return support one of the main objectives of the Biotechnology Centre which is to invest in commercial opportunities that will allow for science to meet the market.

PUBLIC SERVICE/UNIVERSITY SERVICE

Prof. Thejani Delgoda

Details for public service, publications etc for Prof. Delgoda can be found in the Annual Report for the NPI.

Dr. Sylvia Mitchell

- Team member, reviewed HEART-NCVET Cannabis Teaching Units;
- Member, Technical Working Group, Cannabis Licensing Authority, 2016 to Present;
- Member, ABS working group meeting, MEGJC;
- Founding Member, Bamboo Industry Association of Jamaica (BIAJ), 2016 to Present;
- Member, Peckham Steering Committee for bamboo development, PIOJ; Vice Chairman, Bamboo and Indigenous Material Products Standards Technical Committee (BIMPSTC), Bureau of Standards Jamaica;
- Member, Bamboo In Construction Standards Working Group (BICWG), Bureau of Standards; Pension Trustee, Bureau of Standards Jamaica, 2013 to Present;
- Member, Sustainable Rural and Agricultural Development Research Cluster (SRAD), a research group coordination and advocacy team hosted by SALISES, UWI. 2020 to present;
- Member, Society of in Vitro Biology (SIVB), Co-editor of in Vitro Reports (posted on their website every three months), Social Engagement Ad Hoc Committee, Publication Committee and Education Committee;
- Member; Country Representative, International Association of Plant Biotechnology; Organization for Women in Science for the Developing World (OSWD);

- Member of the State of the African Diaspora (SOAD) Seed Bank Project.
- Reviewing Editor for 24 Journals (related to pharmacy, Complementary and Alternative Medicine, Ethnopharmacology, Ecology, Agriculture and Plant Tissue Culture); Reviewed book manuscript for UWI Press: “*Medicinal Plants of Barbados for the Treatment of Communicable and Non-communicable Diseases*” by Damian Cohall, 2nd Edition.
- Director and Interim board member of the Bamboo Industry Association of Jamaica (BIAJ).
- St. Catherine 4H Clubs Parish Patron for two years 2023–2024 in first instance
- Certificate of Contribution (November 2022), World Justice Project Rule of Law Index 2022

Prof. Marcia Roye

- Director, Graduate Studies and Research, University of the West Indies, Mona Campus (August 1, 2021–present). Board for Graduate Studies and Research; August 2021–Present Senior Management Team, University of the West Indies, Mona.
- August 2021–Present Board of Director, Mona School of Business and Management
- Member of the Advisory Board of the National Compliance Regulatory Authority of the Bureau of Standards, Jamaica.
- Chair, Technical Committee, Advisory Board of the National Compliance Regulatory Authority of the Bureau of Standards, Jamaica
- Received the S&T XXTORDINEERS JA 2022 Award by Scientific Research Council in recognition of Significant Scientific Achievements in Jamaica. Scientific Research Council, Jamaica. (<https://youtu.be/TTFXKggSEls>)

Prof. Paula Tennant

- Professor of Virology in the Department of Life Sciences, Mona;
- Member, American Psychopathological Society;
- Member, Caribbean Academy of Sciences, Jamaica Chapter;
- Member, Jamaica Society of Scientists and Technologists.

Prof. Nouredine Benkeblia

- Scientific Activities Appointed “Associate Editor”, Canadian Journal of Plant Science;
- Member of the Canadian Society of Plant Science International Symposia;
- Member of the Organizing Committee of the 2nd Asian Horticultural Congress, 26–28 September, 2017, Chengdu, China;

- Member of the Organizing Committee of the International Conference on Food Technology and Nutritional Science, 26–27 June, 2017, Baltimore, MD, USA.

AGILITY

INCOME GENERATION

Special Projects

Teaching Climate Justice and Resilience through Ancestral Plant Heritage in Jamaica (ASG)

The same group from the previous RfR project led by Dr Marisa Wilson, University of Edinburgh plus new members were successful in another project. Co-applicants were Dr Kate Crowley, Edinburgh Climate Change Institute; Prof Judith Carney, University of California; Dr Inna Yaneva-Toraman, University of London; Dr Charmaine McKenzie, Dr Patricia Northover, Dr Sylvia Mitchell, Dr Nicole Plummer, Dr Thera Edwards, The University of the West Indies; and Dr Anthony Richards, Wild Caribbean. Project by the Economic and Social Research Council [ESRC] Impact Acceleration Grant [IAA] and is supporting a workshop in October, 2022, input into the 4H school garden curriculum and an Ancestral School Garden and Cookbook; Duration of project is 13 June to 31 December 2022, and generated £19,985.50.

Laboratory Services offered to Caribbean Maritime University (CMU)

During the month of February 2023, the Caribbean Maritime University (CMU) through its course Marine Biotechnology and curriculum requirement of laboratory hours for students, has again partnered with the Biotechnology Centre, UWI to allow students to complete the required laboratory work at the Centre. This is an ongoing partnership and this year eleven (11) students were hosted over two days following a workshop format. The students were accompanied by their lecturer and carried out experiments which were supervised by Mrs Deiondra Tai, Assistant Lecturer and Mrs Carlton Barrows, Senior Laboratory Technologist from the Biotechnology Centre. A Memorandum of Understanding (MOU) is in its draft stage to continue this partnership between the UWI and CMU. This two day workshop generated an income of \$200,000.00JMD.

Mount Industry School Garden (MISG)

The Mount Industry School Garden was initiated in 2015 as a joint venture between the Rio Pedro Valley Watershed Management and Development Council (RPVW-MDC), the 4H Clubs, the Optimist Club and the Medicinal Plant Research Group (MPRG) of the Biotechnology Centre, UWI Mona Campus. Since 2022 several plants have been donated to this garden, this continued in January 2023.

Youth Yam Farmers Training Program (YYFTP) at Jupiter Hill

A request came in December 2022 from the Rio Pedro Valley Watershed Management and Development Council (RPVWMD) to extend the successful field testing done in St Catherine (Glengoffe, Harker's Hall) with tissue cultured pineapple between 2006–2009 to yam (*Dioscorea* spp). A field site was been identified at Harker's Hall, St Catherine. The training will take on a structured approach with Academics to Farmers, Farmers to Academics, Farmers to Farmers, and from the elders to the youth on all matters yam.

Youth farmers are being identified by the RPV Elder Farmers (each participant has to complete a form). The motto of the program is '*The Cost is Your Success and the Data You Collect*' and was launched in January 2023. On January 13th, 2023, a field training session was carried out. The Elder farmers have been locating yam varieties for this project since December 2022. So far twelve (12) yam varieties from four (4) yam species have been donated for this project, which will be initiated into tissue culture.

OUTREACH

Yam Farmers Initiative

A program to reach yam farmers was initiated by Dr Sylvia Mitchell in January 2023 in collaboration with a team of farmers in Harker's Hall, St Catherine and endorsement by the St Catherine 4h Clubs. The program is named the Yam Youth Farmers Training Program and brings together academics, young and old yam farmers, and agricultural educators. This collaboration has proven a good route to take for outreach with several firsts being recorded (such as *D. trifida* true seeds being germinated in vitro). Several field farmer training days and presentations on this program have been accomplished.

A new research cluster began in 2022, which has been named the 'Caribbean Foods for Climate Justice Research Group'. The CFCJ has been successful at getting two projects funded, one which ended in February, 2022 and the other, which is still active.

Summer Internship Programme

In the summer of 2023, the Biotechnology Centre hosted a total of eight Summer Interns through its yearly Summer Internship Programme during the period July 3 to 28. The participants included five high school 6th Form students and three students from the Biochemistry Department, UWI. The students were trained in the areas of Tissue Culture, Molecular Biology, and Basic Analytical Chemistry. The students participated in the extraction of nucleic acid from plants, bacterial cells (plasmid) and insects using various extraction techniques. The participants also got an opportunity to work with the Natural Products Institute (NPI) where they conducted insecticide resistance assays. The Biotechnology Centre continue to engage students who wish to gain laboratory experience.

Four volunteers of the Medicinal Plant Research Group over summer 2023 and two farmers in the YYFTP were recommended by Dr Mitchell to take part in the online Bamboo Training Program, hosted by INBAR, and paid for by the Chinese Embassy.

As of September 2023, The Centre now has three 3 volunteers assigned to the Molecular Biology Lab. They will be working extraction of nucleic acid and PCR analyses for plant viruses.

VISITORS TO THE BIOTECHNOLOGY CENTRE

UNESCO Visit

Representatives from UNESCO visited and toured the Biotechnology Centre on June 27, 2023. The UNESCO team met with student researchers where they were given an opportunity to speak briefly about their research being carried out at the Centre. In addition, UNESCO be promoted its fellowships for Caribbean researchers that would be available for application in the upcoming months.

Caribbean Maritime University (CMU) Visit to the Biotechnology Centre

On October 13, 2022 students in the Marine Biotechnology programme at the Caribbean Maritime University (CMU) toured the Biotechnology Centre and also observed a demonstration of microbial techniques as well as antimicrobial susceptibility testing. Students got an opportunity to view in person some microbial techniques and practices associated with microbiology. This has greatly assisted the students in their understanding of the applications of concepts they learnt in their theoretical courses.

WORKSHOPS/EVENTS ATTENDED BY BIOTECH STAFF/STUDENTS:

- Dr Sylvia Mitchell, Senior Lecturer of the Biotechnology Centre attended the following conferences, webinars and workshops in December 2022 attended the doTerra Essential Oils Symposium and the Information Session, Global Institute for Climate-Smart and Resilient Development (GICSRD).
- She also attended SOAD workshop; UWI Child Research Conference; SOAD workshop (Kenya 254-793-747-568; Global Peace annual human rights forum; Future Earth LMIC meeting – upcoming Future Earth SRI conference; Advisory Panel Meeting for CRITICAL, a project in South Africa, Indonesia; 4H St Catherine committee meeting.); Launch, Caribbean Strategy for Climate Resilient Forests and Rural Livelihoods, FAO in collaboration with CANARI; Meeting at Papine High re planning for display for 4H St Andrew.
- In May 2023 Dr Mitchell also attended the Global Peace Annual SDGs Summit 2023; Global Peace Biodiversity Forum 2023; and Paul Reese, Harvesting a selection of the fruits of nature: Isolation of a range of natural products, A UWI 75th Special Lecture, Online.
- Mr Carlton Barrows participated in the Supervisory Management training offered through the Mona School of Business and Management in July 2023.



NATURAL PRODUCTS INSTITUTE

Dr. Rupika Delgoda, D.Phil. (Oxon), B.Sc. (Hons.) – Director

WORK OF THE INSTITUTE

The academic year 2022–2023 saw the staff members of the Natural Products Institute (NPI) developing a new MPhil/PhD program in Pharmacognosy and Ethnobotany & Ethnobiology. We look forward to its launch in January 2024. The year also engaged NPI's members in many activities towards the establishment of the Caribbean Centre for Research in Bioscience (CCRiB), into which NPI will be merged (and institutionalized) as of October 2023. Thus, we reflect over twenty years of activity and present here the last annual report under the NPI name.

We mourned the passing of Dr. Trevor Yee in June this year, former Director of NPI, who had served from its inception. His stellar contribution to research and innovation, and wide knowledge of local biodiversity, will be fondly remembered and deeply missed.

Staff and students of NPI continued their vibrant efforts at tackling several new research problems, and forging many new international collaborations (which are expected to be launched as MOUs or new projects). Our staff engaged in many international and local fora as speakers, panelists, experts and acted as reviewers and editors of well-cited, peer-reviewed journals, with Dr. Vandebroek being appointed as the Editor-In-Chief of the Journal of Economic Botany. We celebrated Dr. Francis getting an international grant from IAEA, her first. Four students (two PhDs, One MPhil and One MSc.) officially completed and/or received their research degrees under the supervision of NPI staff. This academic year saw the launch of the joint, monthly seminar series between NPI and Biotechnology Centre, for the benefit of graduate students. Multiple staff members won the Principal's research awards, while our student Dr. Kimberly Foster was named runner-up in the Young Scientist Competition held by the Scientific Research Council of Jamaica.

ACCESS

STUDENTS

Completed students (supervised by Prof. Rupika Delgoda).

- Isaac Morrison (PhD, high commendation, Biochemistry), “Assessment of chemopreventive and anti-cancer value of *Artocarpus heterophyllus* Lam. in colorectal cancer”; co-supervisor: Dr. Roy Porter
- Kimberley Foster (PhD, Biotechnology), “Assessing the use of local medicinal plants in the treatment of cancer and cytotoxic value of *Annona muricata*”; co-supervisor: Prof. Helen Asemota
- Shaniece Wauchope (MPhil, Biochemistry), “The impact of dibenzyl trisulfide, a key ingredient in *Petiveria alliacea* L. on the activities of Cytochromes P450 and its potential for chemoprevention”; co-supervisor: Prof. Gossell-Williams
- Renaldo Ramsay (MSc, Biomedical Sciences), “Inhibition of the activities of Cytochrome P450 enzymes by aqueous, ethyl acetate and ethanol extracts of *Arachis hypogaea* testa: Investigating Potential for Drug Interactions”; co-supervisor: Prof. M. McKoy

New and on-going

- Deiondra Robinson Tai, joined the institute as a part-time Ph.D candidate in 2022. (**Dr. Sheena Francis**); M.Phil. candidate, Stewart K (**Dr. Francis**) and M.Phil. candidate Frank C (**Dr. Francis**);
- Ella Vardeman, Biology PhD Program at The City University of New York (CUNY) (together with Dr. Edward Kennelly from CUNY, Lehman College): “Differences in chemotaxonomy of plants used by Haitian immigrants in New York City for women’s health,” 2024. (**Dr. I. Vandebroek**)
- The joint NPI, Biotech Centre Journal Club and Seminar Series, was launched on March 28, 2023 and coordinated by **W. Irvine**. The seminar allowed students from both departments to interact and engage in their research projects and wider topics.

PUBLICATIONS

Peer reviewed journal articles

- Albuquerque UP, Ladio A, Duarte Almada E, **Vandebroek I**, Pulido Silva MT, Stern da Fonseca-Kruel V (2023) Exploring biocultural diversity in urban

ecosystems: An ethnobiology perspective. *Ethnobiology and Conservation* 12: 10, <https://doi.org/10.15451/ec2023-06-12.10-1-12>

- Richter, I., Neef, N. E., Moghayedi, A., Owoade, F. M., Kapanji-Kakoma, K., **Sheena, F.**, & Ewon, K. (2023). Willing to be the change: Perceived drivers and barriers to participation in urban smart farming projects. *Journal of Urban Affairs*, 1–19. <https://doi.org/10.1080/07352166.2023.2232060>
- **W. Irvine**, M Tyler, **R. Delgoda**, (2023) In silico characterization of the psilocybin biosynthesis pathway, *Computational Biology and Chemistry* 104, 107854 doi: 10.1016/j.compbiolchem.2023.107854. Epub 2023 Mar 23.
- Khalifa Attallah O.M., **Delgoda, R.** and Benkeblia, N. (2023). Profiling primary metabolites of Governor's Plum *Flacourtia indica* (Burm.f.) Merr. at two different ripe stages. *Journal of Tropical Agricultural Science*, Volume 46, Issue 1, pp. 1-15. <https://doi.org/10.47836/pjtas.46.1.0>
- Wooten J, Mavingire N, Araújo CA, Aja J, **Wauchope S., Delgoda R.**, Brantley E., “Dibenzyl trisulfide induces caspase-independent death and lysosomal membrane permeabilization of triple-negative breast cancer cells”, *Fitoterapia*.
- Moghayedi, A., Richter, I., Owoade, F. M., Kapanji-Kakoma, K. K., Kaliyadasa, E., **Francis, S.**, & Ekpo, C. (2022). Effects of urban smart farming on local economy and food production in urban areas in African cities. *Sustainability*, 14(17), 10836. <https://doi.org/10.3390/su141710836>

Book chapters

- **Vandebroek I.** (2023) Traveling traditions: Dominican ethnobotany in service of caring for the community. In: *Decolonizing Paradise: A Radical Ethnography of Environmental Stewardship in the Caribbean* (Ed. Rosalina Diaz), pp. 203–230. New York: Peter Lang.
- **Picking, D.** (2023) The global regulatory framework for medicinal plants. In: *Pharmacognosy: Fundamentals, Applications and Strategies* (Ed. Simone Badal and Yuri Clement). Second Edition. London: Elsevier.
- Spence, D., Grant, D., Brown, K., **Picking, D.**, Smith, S (2022) Jamaican cultural and spiritual guidance in caring for cancer patients. In: *Global Perspectives in Cancer Care: Religion, Spirituality, and Cultural Diversity in Health and Healing* (Ed. Michael Silberman and Ann Berger), pp 454–474. Oxford: Oxford University Press.

Abstracts

- **Delgoda R**, “Role of Academia In Innovation In Health and Wellness” Scientific Research Council, 7th Biennial Science and Technology Conference, 15–17 November, 2022, Kingston, Jamaica (invited speaker)

- **Foster K**, “The Nutraceutical of Soursop : Towards Improving Cancer care” Scientific Research Council, 7th Biennial Science and Technology Conference, 15–17 November, 2022, Kingston, Jamaica (Young Scientist Awards – Short-listed presenter)

ALIGNMENT

ACADEMIC AND PUBLIC PRESENTATIONS (INTERNATIONAL AND LOCAL)

Peer Review Activities

1. Reviewed peer reviewed articles
 - EcoHealth. (**S. Francis**)
 - *PLOS ONE* (**S. Francis**)
 - Ethnobotany (**S. Francis**)
 - American Journal of Tropical Medicine and Hygiene (**S. Francis**)
 - *Journal of Arts, Science and Technology* (JAST; UTECH) (**D. Picking**)
 - UNESCO – *Encyclopedia of Life Support Systems* (EOLSS) (**D. Picking**)
 - Computational and Structural Biology Journal (CSBJ) (**W. Irvine**)
2. Editor-In-Chief of the *Journal Economic Botany* (**I. Vandebroek**). IF - 2.6
3. Guest handling editor, *Frontiers of Pharmacology*, May–June 2023 (**R. Delgoda**). IF - 5.6

CONFERENCES/WORKSHOPS ATTENDED

- 16th International Herb Symposium – Native Plant Conservation and Cultivation In-Person Track. Wheaton College, Norton, Massachusetts. June 9th–11th, 2023 (**D. Picking**)
- Medicinal Plant Conservation Certificate Program. United Plant Savers, Rutland, Ohio. June 16th–July 14th, 2023 (**D. Picking**)
- First Research Coordination Meeting on Reproductive Biology of Male Aedes Mosquitoes for SIT Applications. Organised by Food and Agriculture Organization of the United Nations (FAO) and the International Atomic Energy Agency (IAEA) Vienna, Austria, from 3–7 July 2023 (**S. Francis**)
- **Delgoda R**, “Role of Academia In Innovation In Health and Wellness” Scientific Research Council, 7th Biennial Science and Technology Conference, 15–17 November, 2022, Kingston, Jamaica (invited speaker)
- **Foster K**, “The Nutraceutical of Soursop: Towards Improving Cancer care”

Scientific Research Council, 7th Biennial Science and Technology Conference, 15–17 November, 2022, Kingston, Jamaica (Young Scientist Awards - Short-listed presenter)

- ICH M12 Guidance on Drug Interaction Studies: Comparisons and Considerations. Tuesday, December 6, 2022 (**R. Delgoda**)
- Caribbean Strategy for Climate-Resilient Forests and Rural Livelihoods, Caribbean Natural Resources Institute (CANARI) for the Food and Agriculture Organization of the United Nations (FAO) 14 December 2022 (**I. Vandebroek**)
- Invited speaker for ‘International Museums Day 2023’ on the theme ‘History of heritage plants that are seen in Jamaica today.’ Institute of Jamaica, Ministry of Culture, Gender, Entertainment and Sport. Kingston Technical School, May 18, 2023 (**D. Picking**)
- National Forestry Conference Jamaica 2022. Forestry as a business, 7–8 December 2022 (**I. Vandebroek**)
- Reimagining Queen Nanny of the Maroons, organized by Prof. Leo Douglas from New York University (**I. Vandebroek**)
- NoxBox instrumentation for nitrate content determination and uses, April 24 2023, King’s College, London, hosted by Prof. Andrew Webb, St. Thomas Hospital, Dept of Clinical Pharmacology (**R. Delgoda**)
- American Botanical Council: Sustainable Herb Program webinar: Why using sustainable herbs matters. February 23–September 15, 2023. (**D. Picking**)
- Society for Medicinal Plant and Natural Product Research (GA) e-seminar. Brazilian biodiversity as a source of new drugs: Private sector perspective. February 10, 2023. (**D. Picking**)
- Guest on Power 106 Farm Talk speaking on Jamaican herbal teas. October 31, December 12, 2022. (**D. Picking**)
- Invited speaker for ‘Annual Heritage Festival’ on the theme ‘Jamaica’s Diverse Plants.’ National Gallery of Jamaica, Institute of Jamaica, Ministry of Culture, Gender, Entertainment and Sport. October 28, 2022 (**D. Picking**)
- Plenary meeting to discuss future trajectories for the newly established International Society for Gastronomic Sciences and Studies (ISGSS) 24 January 2023 (**I. Vandebroek**)

Teaching commitments

- BIOL3414 (formerly ZOOL3410): Advanced Topics in the Life Sciences (taught a class and led a tutorial on “Caribbean Ethnobotany and the UN Sustainable Development Goals (SDGs)”) (various lecturers) (**I. Vandebroek**)
- BC34B/BIOC 3011 Advanced Biochemistry (responsible for teaching “Drug Metabolism module”) (**R. Delgoda**)

- BIOL2403: Principles of Ecology (with Drs. Trench and Tsatsaros) (**I. Vandebroek**)
- ZOOL2404 Coordination and Control in Animals (**S. Francis**)
- BIOL3413: Biology Project (Oral Examination Committee) (**I. Vandebroek**)
- BOT3404: Economic Botany (**D. Picking**)
- PHAR3031: Pharmacognosy (**D. Picking**)

PUBLIC SERVICE

Rupika Delgoda

- Associate Editor, *Pharmacology Research-Natural Products*, Elsevier
- Deputy Chair, Natural History Museum of Jamaica
- Member Subcommittee for Amendment of the Food and Drug Act, National Commission for Science and Technology
- Member, Jamaica Conservation Partners
- Member, Entrepreneurial Committee, Faculty of Science and Technology, UWI
- Member, Committee for Assessment of NPI and Biotech Future Arrangements
- Supervisor, Field Trip laboratory research
- Chair, potential merger of multiple units in the FST, UWI.

Sheena Francis

- Member Rearing and Evaluation of *Aedes aegypti* for Sterile Insect Technique Jamaica
- Member of the International Membership Committee (ICM) of ASTMH 2021–Present
- Member of the American Society of Tropical Medicine and Hygiene (ASTMH) 2014–Present
- Board Member of Caribbean Diaspora of Science and Technology (CSF) 2010–Present
- Education Outreach Mentor, Commonwealth Science Conference 2017–Present

Ina Vandebroek

- Editor-in-Chief, *Economic Botany*
- Guest Associate Editor, *Frontiers in Sustainable Food Systems*, Section *Social-Movements, Governance, and Institutions*. Topic Editor, Traditional Knowledge in Food Activism and Governance
- Deputy Editor, *Journal of Ethnobiology and Ethnomedicine*

- Editorial Board Member, Checklist in Ethnobiology
- Editorial Board Member, Ethnobiology and Conservation
- Member of the Alliance for Diversity and Inclusion in Ethnobiology (ADIE)
- Member, Biocultural/Ethnobotanical Collection Managers/Curators Group (USA)
- Ex-officio Council Member, *Society for Economic Botany* (USA)
- Member, *International Society of Gastronomic Sciences and Studies (ISGSS)*

David Picking

- Member, Organizing Committee for the establishment of a Pan-American Compendium of Medicinal Plants, composed of 12 members from seven countries and five organizations facilitated by the Brazilian Academic Consortium for Integrative Health (CABSIN (<https://cabsin.org.br>)). TRAMIL and Jamaican representative. June 2022 to present.
- Member, Technical Committee for the establishment of a Pan-American Compendium of Medicinal Plants tasked with preparing draft native medicinal plant monographs. Established May 2023.
- Council Member, *Society for Economic Botany* (USA)
- Board Director, Perishables Ltd, Jamaica
- Board Director, GWG Conservancy, Research Station & Agricultural Business Incubator, St Thomas
- Board member UJIMA Natural Farmers Market, Kingston
- Member Jamaican Organic Agricultural Movement (JOAM)
- Member American Botanical Council (ABC)
- Member Society for Economic Botany

William Irvine

- Appointment to MIIC/JANAAC Appeals Committee, UWI representative
- Institute representative for Faculty's committee on Principal's Research Awards

AGILITY

INCOME GENERATION

Food and Agricultural Organisation/International Atomic Energy Agency, Coordinated Research Project, Reproductive Biology of Male *Aedes* mosquitoes for SIT application (D44005): Evaluation of Nutrient on Survival, Sexual Competitiveness,

and Precopulatory Behaviour in Male *Aedes aegypti* Mosquitoes for SIT Application. (Grant # 26753) (S. Francis, C. Grant, D. Robinson, S. Huntley-Jones)

COLLABORATIONS AND ENTREPRENEURIAL ACTIVITIES

New Research Activities

- Discussions for expansion of analytical capabilities, and collaborative projects with Dr. Moses Langat, Kew Gardens and Prof. Morten L Kringelbach, Department of Psychiatry, Oxford University (April 25 and April 27, 2023, **R. Delgoda**).
- Collaboration with Massachusetts College of Pharmacy and Health Sciences, Boston for synthesis of bioactive natural and nature derived compounds. Meetings with Dr. Patrick Gordon; Prof. Delia Anderson, Dean of the School of Arts & Sciences and Dr. Joseph DeMasi, Chair, Department of Math & Natural Sciences. (**R. Delgoda**, Jan 8, 2023 in Boston at MCPHS; **W. Irvine**)
- Working group with Dean of the Faculty of Medical Sciences, FST and key players across all faculties for the establishment of a Campus Cannabis Committee. May 2023 to present (**D. Picking**, **R. Delgoda**).
- Engagement of the Government of Jamaica with the Faculty of Science and Technology for a proposed “Joint UWI and GOJ Indigenous Cannabis Research Centre.” March 2023. (**D. Picking**, M. Emanuel, T. Stephenson, E. Myers)
- Initiated discussions with the journal Frontiers in Sustainable Food Systems, Section Social Movements, Institutions and Governance, to discuss submissions for a Special Issue on “Traditional Knowledge in Food Activism and Governance” (**I. Vandebroek** with Dr. Andrea Pieroni and Dr. Michele Fontefrancesco)
- Collaborations and on-going research activities with Insecticide Resistance and Vector Control, Entomology Department at Roybal Campus, Atlanta. Exploration of Jamaican plants with Insecticidal activities (December 2022–February 2023) (**S. Francis**).
- Inter-departmental collaboration discussions initiated with Physical Chemistry to discuss the establishment of a teaching module for molecular modelling, as well as the acquisition of under- and postgraduate students for short- and long-term projects (**W. Irvine**).
- Working group established for developing a Panamerican Compendium of Medicinal Plants led by CABSIN (Brazilian Academic Consortium of Integrative Health). Collaborators include WHO, UWI/TRAMIL, United States Pharmacopeia (USP), Natural Products Association of Guatemala (**D. Picking**).

AWARDS

- Principal's Award 2023. Best Research Publication. Faculty of Science and Technology 2021. **Dr Ina Vandebroek, Dr David Picking and Dr Rupika Delgoda**. "Reshaping the future of ethnobiology research after the COVID-19 pandemic." *Nature Plants* (2020).
- Principal's Award 2023. Faculty of Science and Technology for Best Research Publication, Faculty of Science and Technology, 2022. **Dr Ina Vandebroek and Dr David Picking**. "Popular Medicinal Plants in Portland and Kingston, Jamaica." Second edition. *Advances in Economic Botany*. Springer Nature (2020).
- Principal's Research Award for Best Research Publication for your research entitled 'Challenges in the control of neglected insect vector diseases of human importance in the Anglo-Caribbean' for the 2023 (2021/2022) Academic Year; **Dr. Sheena Francis, R. Delgoda et al.**
- Principal's Research Award for Most Outstanding Researcher for your research entitled 'Producing five journal articles in Academic Year 2020/2021' for the 2023 (2020/2021) Academic Year., **Prof. R. Delgoda**
- Principal's Research Award for Best Research Publication for your research entitled 'Potential chemopreventive, anticancer and anti-inflammatory properties of a refined artocarpin-rich wood extract of *Artocarpus heterophyllus* Lam' for the 2022 (2020/2021) Academic Year, **I Morrison, R. Porter and R. Delgoda**.
- Faculty of Science and Technology Annual Awards 2023, UWI Mona. **David Picking and Ina Vandebroek**. Recognition for 'The Society for Economic Botany President's Award,' for successfully hosting the Joint Society for Economic Botany and International Society of Ethnobiology Conference, The University of the West Indies, Jamaica, May 29–June 2, 2022
- Society for Economic Botany President's Award 2022. **David Picking and Ina Vandebroek** for successfully hosting the Joint Society for Economic Botany and International Society of Ethnobiology Conference, The University of the West Indies, Jamaica, May 29–June 2, 2022.
- **Kimberley Foster**, Young Scientist of the year award (runner-up), Scientific Research Council.



THE EARTHQUAKE UNIT

Mr Kevin Tankoo – Research Fellow and Head of Unit

INTRODUCTION

The Earthquake/Seismic Unit (EQU) is a research unit of the Department of Geography & Geology that is funded directly by the Government of Jamaica (GOJ) as the sole agency responsible for the monitoring of earthquakes and research in seismic hazards in Jamaica. The Unit was established to understand seismic processes in Jamaica and the region as well as to advise the society about earthquake hazards, encourage community awareness and promote mitigation strategies for development. The EQU is responsible for operating and managing the Jamaica Seismograph Network (JSN), Jamaica Strong Motion Accelerograph Network (JSMAN), Jamaica Educational Seismic Network (JAESN), USGS Global Seismograph Network/Caribbean Tsunami Warning MTDJ station, local GPS stations for the UNAVCO Continuously Operating Caribbean GPS Observational Network (COCONet) and also acts as the National Data Centre for the Comprehensive Nuclear Test Ban Treaty Organisation (CTBTO). In addition to serving as the hub for earthquake monitoring and seismic research, the EQU is affiliated with other Caribbean and regional networks, maintains an earthquake database, informs the public about earthquakes felt, collect information seismic data, conduct research and host visits from schools or community groups.

WORK OF THE UNIT

For the period August 2022 to July 2023, the EQU maintained a full operational status as an essential service to the country. The Unit was once again successful in its bid to secure additional funding for significant improvements to its operations and overall capacity. Following the restructuring of several GOJ ministries, the EQU was moved from the Ministry of Transport & Mining to the new Ministry of Agriculture, Fisheries & Mining in May 2023. Key achievements for the reporting period included: JMD 100 million in funding for training and equipment from the World Bank, significant improvements to the seismic network, active research

and project involvement, strengthened administrative arm, increased public education initiatives and increased visibility through community service and public engagements.

Changes with staffing included the appointment of Kevin Tankoo to the role of Research Fellow/Seismologist on contract, appointment of Camille Bryant as the Administrative Secretary and the appointment of Donique Blake as the Administrative Assistant on temporary contract. Additionally, Kevel Daley resigned from the GIS Officer post in November 2022, Walter Williams subsequently joined the Unit as the GIS Officer in May 2023 on contract and resigned at the end of June 2023.

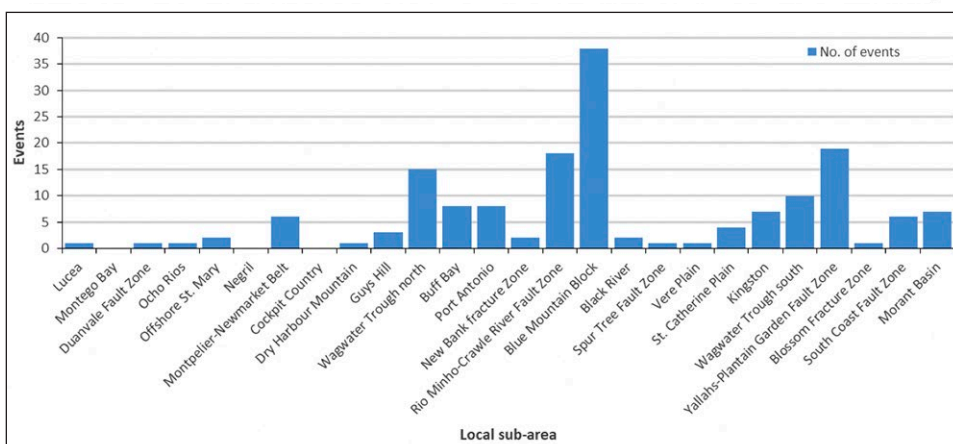
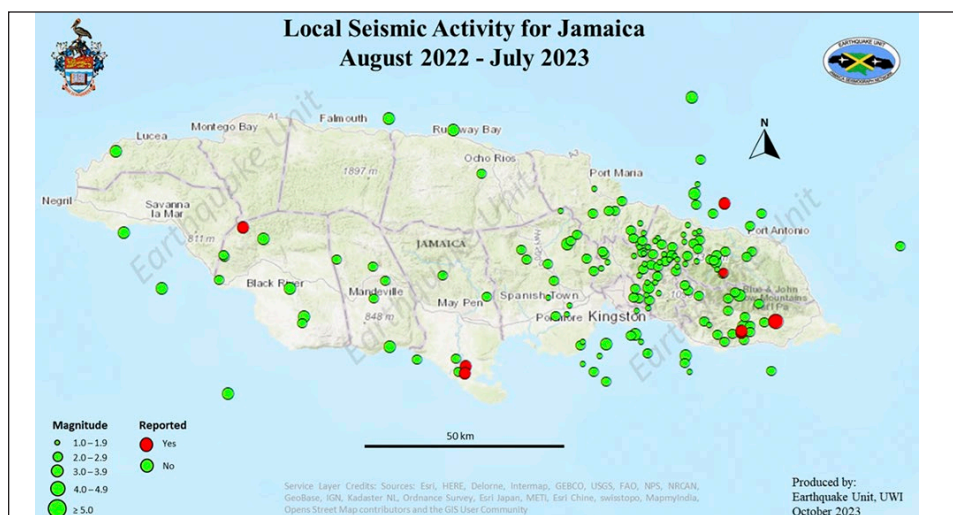
Apart from the regular annual contributions to various state agencies, the Unit remained active with project collaborations and initiatives, fulfilled multiple data requests, provided information on seismic activity, provided consultations to various stakeholders, delivered multiple presentations and lectures, hosted tours, conducted radio and public interviews, completed major repairs to seismic sites and links, participated in several workshops, meetings, seminars and training programs. Throughout the academic year, the Unit also played an active role on the relevant disaster risk management committees, supported the ODPEM in various initiatives as well as provided support to PIOJ in its annual Economic and Social Survey for Jamaica. To compliment these activities, the Unit also hosted two (2) interns from the Department of Geography & Geology for a six (6) weeks through the inaugural internship course, completed hazard assessments and also reviewed/updated public education information. Another highlight for the period was the acknowledgement and commendation from the Prime Minister and several Ministers for the work that the Unit was doing as well as the new developments at the EQU.

SEISMIC ACTIVITY SUMMARY

The EQU recorded 407 events from August 2022 to the end of July 2023. This included 164 local earthquakes, 91 near region events, 80 regional events, 48 distant events and 24 blasts (Table 1). During this period eight (8) earthquakes were reported as felt, the largest local event being a magnitude 4.9 earthquake with an epicentre in St. Thomas. This event occurred within the Yallahs-Plantain Garden Fault Zone sub-area and was reported as felt throughout several parishes. The most active sub area for the period was the Blue Mountain Block, followed by the Yallahs-Plantain Garden Fault Zone then the Rio Minho-Crawle River Fault Zone (Figure 1). Figure 2 shows a map with the locations of earthquakes across the island for the period.

Table 1: Events recorded by the Central Recording Station from August 2022 to July 2023

Year	Month	Recorded Events					Total Recorded	Felt Events
		Local	Near	Regional	Distant	Blasts		
2022	Aug.	13	7	1	3	2	26	1
2022	Sept.	11	7	13	5	3	39	0
2022	Oct.	19	7	5	7	0	38	2
2022	Nov.	18	9	4	8	0	39	0
2022	Dec.	12	7	7	1	1	28	0
2023	Jan.	19	8	7	3	0	37	1
2023	Feb.	10	6	7	8	1	32	0
2023	March	9	16	9	4	6	44	0
2023	April	22	9	7	4	4	46	2
2023	May	16	4	8	2	3	33	2
2023	June	7	4	3	1	2	17	0
2023	July	8	7	9	2	2	28	0
All	Total	164	91	80	48	24	407	8

**Figure 1:** Seismicity by local sub-area for the period August 2022 to July 2023**Figure 2:** Seismic activity recorded for the period August 2022 to July 2023

NETWORK OPERATIONS

Central Recording Station (CRS):

The CRS comprises of a combination of data acquisition and processing equipment in an integrated and dedicated ICT infrastructure. Internet connectivity issues along with several power cuts and electrical issues resulted in data loss and down time for the period. There were also several instances where the network went offline temporarily due to IT equipment or server issues, these incidents were reported and logged. The solar bank was also replaced as a result of its age and several non-functioning batteries.

Jamaica Seismograph Network (JSN):

The Jamaica Seismograph Network (JSN) now includes 14 seismic stations with installations across the island comprising of 12 short period analogue sensors and 14 broadband sensors (Figure 3). At the end of July 2023, 12 broadband stations were in operation, with 9 of the stations having an operational uptime of over 85% despite some of the stations not streaming in real time. A new station was installed at Paradise in Montego Bay, St. James in December 2022 and testing was completed over 6 months. The short period network continue to remain offline as critical repairs and work to the broadband network was prioritized. Throughout the period, field visits to the stations were conducted for maintenance, data collection, research and major repair works with significant improvements to various links. Some of the issues included the long wait period for payments to suppliers, vandalism and theft, lightning, power issues, pests/vermin and the site accessibility due to weather conditions. A significant number of trips were conducted as a result of power issues at the sites, damaged communication links and defective equipment. Communication equipment was stolen from the Shafton site and this was replaced after consultation with the host and several visits. The Unit also removed its equipment from the Shotover site in Portland due to the new arrangements by the owner.

Jamaica Strong Motion Accelerograph Network (JSMAN):

The Jamaica Strong Motion Accelerograph Network include a combination of building and free field installations. At the end of the reporting period, there were 40 accelerographs installed island wide, with 34 sites operational and 6 requiring critical repairs. Work was completed with upgrading the power at a few of the sites. Some of the issues encountered for the period included the long wait period for payments to suppliers from UWI, vandalism and theft (stolen batteries, solar panels, cables and radios), poor weather conditions, defective equipment and incomplete links due to a lack of equipment.

Jamaica Educational Seismic Network (JAESN):

The JAESN include five AS-1 educational seismometers installed at 5 sites including 4 secondary schools and 1 at UWI. For the period, work was completed with basic maintenance and updates along with a training programme. At the end of July, 3 of 5 seismographs were collecting data, work is ongoing with the schools to restore service to the other 2. Challenges included site access, equipment availability and delays with the contact teachers.

USGS Global Seismograph Network/Caribbean Tsunami Warning (MTDJ/PIKE):

The Earthquake Unit maintains the USGS station at Mount Denham and accesses the earthquake data from the USGS Global Seismograph Network (GSN). For the reporting period, general site visits and maintenance work were completed with the station working well throughout the year.

UNAVCO Continuously Operating Caribbean GPS Observational Network (COCONet):

The network include 3 permanent GPS units installed at the Pedro Cays, Morant Cays and at UWI. Currently, the station at UWI Mona is the only operational site transmitting data for Jamaica; the stations at Pedro Cays and Morant Cays are offline. Dialogue has resumed for scheduling visits to these sites for repairs with the support contractors.

Comprehensive Nuclear Test Ban Treaty Organisation (CTBTO) National Data Centre:

The EQU continued to operate the National Data Centre for the CTBTO (NDC_JM) throughout the period.

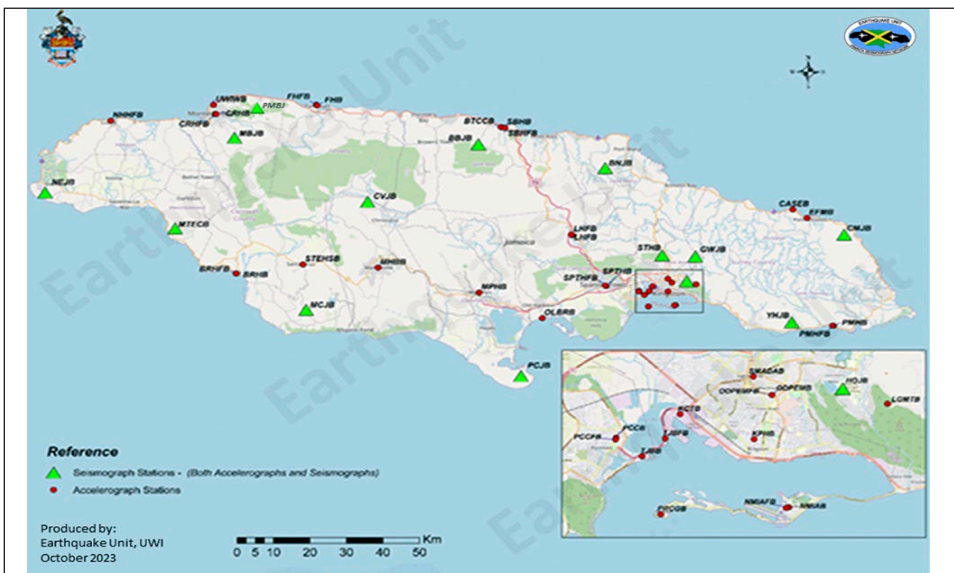


Figure 3: The Jamaica Seismograph Network and Strong Motion Accelerograph Stations

RESEARCH WORK & PROJECT INVOLVEMENT

- NCST-MSET/ UNESCO'S Go Spin Project
- Earthquake Intensity Project
- National Earthquake Implementation Programme
- National Risk Information Platform Project
- Network Surge & Power Assessment Project
- Network Expansion & Station Siting Programme
- NEPA Development Order Project
- Jamaica-Cuba Technical Working Group Project
- Focal Mechanism Project
- Seismic Analysis & Database Project
- JSIF-World Bank Jamaica Disaster Vulnerability Reduction Project
- Seismic Data Digitizing Project
- Network Catalogue Project

COMMITTEES & MEMBERSHIP

- National Disaster Risk Management Council (NDRMC): Prevention and Mitigation Committee, Preparedness and Emergency Operations Committee, Recovery Planning Committee, Public Education and Information Committee.
- Member of the International Seismological Centre.
- Member of United Nations CTBTO Preparatory Commission.
- Member of ACP-EU-CDB Project Steering Committee: Strengthening the Disaster Risk Management of the Portmore Municipal Council.
- Member of the International Federation of Digital Seismograph Networks.
- Member of the National Tsunami Board (NTRB) for the UNESCO/IOC EWS programme.
- Co-chair and focal point for NEP-TWG along with the ODPEM.
- Member on FST Laboratory Managers and Policy Development sub-committees.

MEETINGS & SEMINARS

- JSIF Project Meeting, JSIF-EQU, attended by Kevin Tankoo (August 2nd)
- Introduction to ArcGIS Utility Networks Webinar, hosted by Spatial Innovation, attended by Kevel Daley (Sept 9th).
- DVRP Steering Committee Meeting, hosted by PIOJ, attended by Kevin Tankoo (November 3rd).

- IT Review & Evaluation, JSIF, Kevin Tankoo & Paul Williams, (November 14th–18th).
- Faculty Administrative Meeting, FST, UWI Mona, attended by Camille Bryant and Donique Blake (monthly meetings).
- Technical Review & Evaluation, JSIF, Kevin Tankoo & Paul Williams, (December 12th–15th, 21st).
- Seismic vulnerability and preparedness, meeting with ODPEM, Kevin Tankoo (January 9th).
- Marketing and outreach initiatives meeting with the EQU and FST Dean's Office representative Mrs. Collins-Fray (January 18th).
- Review & evaluation meetings/discussions, JSIF project management and procurement teams, Kevin Tankoo (multiple meetings in January).
- JDVRP review meeting and discussion, JSIF, attended by Kevin Tankoo, (February 9th).
- CCRI-GCF meeting on geospatial analysis platform for infrastructure risk assessment and resilient investment prioritisation in Jamaica, attended by Kevin Tankoo, (February 10th).
- Jamaica Data Protection Act seminar, hosted by the Office of the Information Officer & UWI Data Protection Office, attended by Kevin Tankoo, (February 16th).
- Communications network meeting with ODPEM representative, attended by Paul Williams & Kevin Tankoo, (February 17th).
- Data Privacy Session, UWI Mona, attended by Camille Bryant & Donique Blake, (February 24th).
- Ministry of Transport & Mining Performance Management Meeting, Jamaica Business Development Corporation, represented by Kevin Tankoo & Donique Blake (March 2nd).
- Hazard and safety for technical operations, meetings and discussions with 3M specialists, attended by Kevin Tankoo (March 13th–15th).
- National Works Agency meeting/facility visit, attended by Paul Williams & Camille Bryant (March 16th).
- Science Fair and public education review and internal meeting, attended by all staff (April 4th).
- EQU meeting with SMADA Consultants Ltd., Kevin Tankoo & Paul Williams (April 12th).
- JSIF electrical and survey review/meeting, attended by Kevin Tankoo & Paul Williams (April 18th).

- Event response and technical review internal meeting, attended by all staff (April 18th).
- Global Security Perspective Network Symposium, UWI, attended by Camille Bryant (April 19th).
- National Early Warning systems and sector initiatives, meeting with ODPEM and Entity Heads, attended by Kevin Tankoo (April 21st).
- Annual Administrative Professionals Day Seminar, UWI, attended by Donique Blake (April 26th).
- Ministry of Transport & Mining Meeting, Ministry Headquarters, attended by Kevin Tankoo (April 27th).
- Evaluations and several discussions, JSIF, completed by Kevin Tankoo & Paul Williams (May 2nd–31st).
- Tender Committee Meeting, UWI Mona, attended by Camille Bryant & Donique Blake (May 4th).
- FST Tender Committee Meeting, UWI Mona, attended by Camille Bryant (May 17th).
- Steering Committee Meeting for the Jamaica Disaster Vulnerability Reduction Project, attended by Kevin Tankoo (May 25th).
- Meeting with the Minister and Permanent Secretary in the Ministry of Agriculture, Fisheries and Mining, MAFM, attended by Kevin Tankoo (May 25th).
- Ministry of Agriculture, Fisheries & Mining 4th Quarterly and Annual Review Performance Management Meeting, attended by Kevin Tankoo (May 31st).
- National Disaster Risk Management Council 2023 Annual Meeting, Spanish Court, New Kingston, attended by Kevin Tankoo & Karleen Black (June 1st).
- Several discussions and contract reviews with Jamaica Social Investment Fund, completed by Kevin Tankoo (June 2nd–29th).
- Evaluation Meeting with JSIF, completed by Kevin Tankoo & Paul Williams (June 5th).
- Ministry of Agriculture, Fisheries and Mining Meeting with Minister and portfolio agencies, attended by Kevin Tankoo (June 7th).
- NERGIST High Level Action Meeting, Terra Nova, Kingston, attended by Kevin Tankoo & Walter Williams (June 12th).
- Ministry of Agriculture, Fisheries and Mining Meeting with Minister & Permanent Secretary, attended by Kevin Tankoo (June 13th).
- Ministry of Agriculture, Fisheries and Mining Finance Meeting, attended by Kevin Tankoo & Camille Bryant (June 14th).

- ESTAC Industrial representatives meeting and assessment, attended by Paul Williams, Kevin Tankoo, Donique Blake & Camille Bryant (June 16th).
- Ministry of Agriculture, Fisheries and Mining, Strategic Planning, Performance and Risk Management Sessions, attended by Kevin Tankoo (July 3rd–5th).
- Project discussions and contract support with JSIF, completed by Kevin Tankoo (July 10th & 27th).
- Meeting and EQU Operations Tour with the University of Technology and National Land Agency project team, completed by Kevin Tankoo and Paul Williams (July 19th).
- Ministry of Agriculture, Fisheries and Mining, 1st Quarter Performance Review Meeting, attended by Kevin Tankoo (July 26th).

TRAININGS, WORKSHOPS & CONFERENCES

- US Forest Service / ODPEM – NEOC Webinar Series, completed by Kevin Tankoo, Raymond Stewart & Karleen Black (August 3rd).
- CTBTO Online Training, completed by Kevin Tankoo (August 8th–15th).
- World Bank Implementation Support Mission, JDVRP, attended by Kevin Tankoo (November 7th–11th).
- Emergency First-aid & Safety Training, Mona Ageing & Wellness Centre, FST Laboratory Managers and Policy Development committees, completed by Kevin Tankoo (November 8th). First Aid & CPR Certificate of Achievement, awarded to Kevin Tankoo (February 13th).
- CTBTO NDC Capacity Building Training Course, completed by Kevin Tankoo (Nov. 28th–Dec. 2nd).
- UNESCO Global Observatory of Science, Technology & Innovation Policy Instruments, National Commission on Science and Technology Sensitization Workshops, Karleen Black (January 5th–6th).
- IAEA Nuclear Law, U.W.I Mona, Faculty of Law, Kevin Tankoo (January 16th–18th). Nuclear Law Course, International Atomic Energy Agency & UWI Faculty of Law, certificate received.
- Cloud Computing: Disaster Preparedness and Response Workshop, hosted by the Inter-American Institute for Global Change Research, NASA Earth Science Applied Sciences Disasters and Amazon Web Services, completed by Kevin Tankoo, (February 1st).
- EQU staff training series on intensity data collection, presenter Raymond Stewart, completed by all staff members at the Unit, (February 7th).
- Science Communication Workshop, GlobalSCAPE Project, University of Leiden, completed by Karleen Black, (February 20th).

- Customer Service Training (Part A) Session, UWI Mona, completed by Donique Blake, (February 28th).
- EQU Staff Training Series (Session II), NAS and network troubleshooting, presenter Paul Coleman, completed by all staff, (March 8th).
- National Commission on Science & Technology, Ministry of Science Energy & Technology, and the Scientific Research Council: STEM Workshop, PCJ building, panellist: Kevin Tankoo (March 9th).
- Procure-to Pay Process Training Session: Office Managers and Administrative Assistants, completed by Camille Bryant & Donique Blake (March 9th).
- Results-based Risk, Crisis and Business Continuity Management Training Program, Office of the Cabinet, field trip co-lead: Kevin Tankoo (March 16th).
- TMA Maintenance Training, UWI-EMD, completed by Camille Bryant & Donique Blake (April 5th).
- Earthquake Intensity and Felt Event Reporting Workshop for Parish Disaster Coordinators, hosted virtually by Earthquake Unit (April 20th).
- EQU Operations Workshop & Field Visit, attended by all staff members (April 28th).
- National Earthquake Programme & Implementation Plan Technical Working Group Workshop, ODPEM, completed by Kevin Tankoo (May 3rd).
- Working Session of the National Disaster Risk Management Council, attended by Kevin Tankoo & Karleen Black (May 25th).
- National Earthquake Programme and Implementation Strategies Workshop, ODPEM, completed by Kevin Tankoo (June 5th).
- Jamaica Educational Seismic Network Training Workshop for Teachers, hosted by the EQU, delivered by Paul Coleman and Karleen Black (July 19th).
- UWI Banner 9 Training Session, attended by Donique Blake (July 27th).
- Public Education, Events & Conferences
- GIS Day Expo 20th Anniversary, NSDMB/LICJ Event, UWI Mona Campus, booth display (November 16th).
- Jamaica's Vulnerability to seismic hazards radio interview and Earthquake Awareness Week launch, Cliff Hughes Show and ODPEM, Kevin Tankoo (January 9th).
- Portmore Gospel Assembly Preparatory School visit, 27 students, (February 16th).
- Edge FM Home Run Radio Interview – Deon Mattis, Karleen Black represented the Unit, (February 23rd).
- Riddim FM OnSpot Interview – Vernon Derby, Karleen Black represented the Unit, (February 27th).

- JIS ‘Think Tank’ interview on disaster readiness, represented by Karleen Black (March 14th).
- UWI Faculty of Science and Technology, Science Festival, EQU hosted a booth with support from all staff members (March 31st–April 1st).
- Nationwide this Morning radio interview on seismic vulnerability and earthquakes in Jamaica, represented by Kevin Tankoo (April 17th).
- Get the Facts JIS interview session with EQU and JFB, aired on the Jamaica Magazine TV programme, represented by Karleen Black (April 17th).
- PriceSmart Earthquake Sensitization Sessions, Red Hills and Portmore locations, represented by Raymond Stewart & Karleen Black (May 2nd & May 4th).
- Portmore Municipal Council – Outta Road Campaign, invited by ODPEM, represented by Karleen Black, Portmore Mall (May 11th).
- Earthquake Symposium: Turkey, Who’s Next – Jamaica’s Resilience, School of Engineering in the Faculty of Engineering & Computing, University of Technology, panellist – Kevin Tankoo (May 18th).
- Ministry of Finance & Public Service public consultancy on National Natural Disaster Risk Financing Policy, Earthquake Unit participated in the outside broadcast and information session, Mandela Park, Half Way Tree (May 26th).
- JIS Information Service & Nationwide News Network live streaming of NDRMC, EQU represented by Kevin Tankoo (June 1st).
- Nationwide News Network Interview on the Haiti earthquake and earthquakes in Jamaica, completed by Kevin Tankoo (June 6th).
- CTBTO Science & Technology 2023 Conference, Vienna, Austria, virtual/online participation, completed by Kevin Tankoo (June 18th–23rd).
- Data Requests, Tours & Presentations
- Several data requests were received and processed along with input for consultations by the Unit throughout the academic year.
- Guest lecture for Geophysics course, DOGG UWI (September 15th).
- Unit tour and lab presentation for Geophysics course, DOGG UWI (September 19th).
- Guest lecture for first year Geology course (September 23rd).
- Unit tour for Charlemont High School group (October 27th).
- Earthquake Unit’s Presentation, MTM-GOJ meeting, presented by Kevin Tankoo (March 2nd).
- STEM Workshop Presentation, hosted by NCST, MSET & SRC, presented by Kevin Tankoo (March 9th).
- Presentation on earthquake & tsunami vulnerability & preparedness, UWI

Department of Community Health & Psychiatry, presented by Raymond Stewart (April 17th).

- Presentation on the Earthquake Unit Operations & Research, Ministry of Transport & Mining, GOJ, presented by Kevin Tankoo (April 27th).
- Presentation on the seismicity in Jamaica & the work of the Earthquake Unit for the National Disaster Risk Management Council's Working Session, Spanish Court, presented by Kevin Tankoo (May 25th).
- Presentation on programme areas and priority actions for the National Earthquake Programme & Implementation Plan Technical Working Group, ODPEM, EQU-JIE-NWA collaboration, presented by Kevin Tankoo and JIE/NWA collaborators (May 3rd).
- Presentation on Seismic Risk in Jamaica and State of Readiness for the National Disaster Risk Management Council Annual Meeting, GOJ, presented by Kevin Tankoo (June 1st).
- Presentation on the Earthquake/Seismic Unit to the Minister & MOAFM Executive Team, presented by Kevin Tankoo (June 7th).
- Earthquake Unit tour & talk for UWI FST Interns (July 13th).
- Applications of the Upgraded Jamaica Seismic Network for Monitoring and Research in the Caribbean, CTBTO SnT2023 Conference e-poster and lightning talk presentations, Vienna, Austria, presented virtually by Kevin Tankoo (June 23rd).

REPORTS & PUBLICATIONS

- Tankoo K.R. (2022) Earthquake Unit Annual Report 2021–2022, FST, UWI Mona.
- Tankoo K.R (2023) Earthquake Unit's seismic indicators and targets. Contributions and data published in the JSIF/World Bank report.
- Black K. & Tankoo K.R. (2023) Contributions to PIOJ's 2022 Economic and Social Survey Jamaica, PIOJ.
- Tankoo K.R (2023) Risk Assessment & Risk Rating Survey, Ministry of Transport & Mining, submitted for MTM's annual report.
- Stewart R. & Tankoo K.R (2023) Annual Seismic Summary for Jamaica, 2022, completed and submitted to ODPEM.
- Black K. & Tankoo K.R. (2023) State of Readiness Report to the NDRMC, submitted for the annual report.
- Tankoo K.R (2023) Earthquake Unit's 3rd Quarter Performance Report & Work of the Unit, submitted to the Ministry of Transport & Mining, GOJ, published in Ministry's report.

- Tankoo K.R (2023) Summary of the EQU's Project, submitted project profile to FST Office.
- Tankoo K.R (2023) Report on multi-hazard early warning systems and earthquakes in Jamaica, contributions for the Minister's report (Local Government) at the round table and high level meeting on EWS, New York, USA.
- Tankoo K.R (2023) Briefing Note on the Earthquake Unit, submitted to the Office of the Permanent Secretary, Ministry of Agriculture, Fisheries & Mining, GOJ.
- Tankoo K.R (2023) Seismicity in Jamaica and Work of the Earthquake/Seismic Unit, GOJ-NDRMC, submitted to the 2023 NDRMC Working Session Proceedings and Report.
- Tankoo K.R (2023) Contributions to the National Earthquake Programme & Implementation Plan Final Draft, submitted to ODPEM.
- Tankoo K.R (2023) Earthquake Unit 2022/2023 Annual Performance Report, report submitted to the MOAFM-GOJ.
- Tankoo K.R (2023) Seismic/Earthquake Unit's 2023/2024 1st Quarter Performance Report, submitted to the MOAFM-GOJ.
- Tankoo K.R & Williams P. (2023) Applications of the Upgraded Jamaica Seismic Network for Monitoring and Research in the Caribbean, CTBTO SnT2023, abstract and presentation published in proceedings, Vienna, Austria.
- Tankoo K.R (2023) Seismic/Earthquake Unit's Monthly Report, submitted to the MOAFM-GOJ.

ADDITIONAL INFORMATION & CHALLENGES

- UWI FST 'Unsung Hero' award at Administrative Professional Staff Day ceremony, received by nominee Camille Bryant (April 26th).
- Fixed asset auditing by the UWI Fixed Asset Team (May 18th & 29th).
- An independent power and electrical assessment was completed by REDIS and submitted to the bursar.
- The Prime Minister of Jamaica, the Most Honourable Andrew Holness, publicly acknowledged and commended the EQU on its work and the presentation by Kevin Tankoo at the NDRMC Annual Meeting. This event also led to discussions with several GOJ representatives and Council Members who also commended the EQU on its achievements and plans.
- International Seismological Centre Governing Council, Kevin Tankoo officially joined as a member and country representative.
- The EQU received 2 students from the DOGG for a 6 week internship programme. The limited office space is an issue and highlights the need for the Unit to secure a better location for its operations.

- The EQU was successful in securing ArcGIS access through the NSDMB, this is a significant improvement and will now increase the Unit's capacity for geospatial work.
- A working group with the EQU and Cuban counterparts was established.
- Shutdown of the ICT services at UWI Mona impacted data collection and work at the Unit.
- Significant electrical and wiring issues is required at the Unit and CRS, several assessments and consultations have identified low voltage, old wiring and separated electrical components including breaker panels as some of the issues.
- Irregular power cuts from main electrical grid led to issues with the Unit's main server and ICT systems resulting in data loss and damage to the ICT systems.
- Additional parking is requested in Chemistry's parking lot to accommodate staff members.
- The Unit has outgrown its current office space and consideration for a new/renovated building is requested.
- Staff shortages and the high attrition rate for technical staff continue to impact the work of the Unit.

FACULTY OF SOCIAL SCIENCES Mona

Year ending July 31, 2023



HEATHER RICKETTS
BSc, MPhil, PhD.
DEAN

Dean's Overview

THE FSS AT A GLANCE IN AY 2022–2023

Leadership

The Faculty welcomed its first female Dean, Dr Heather Ricketts on August 1, 2022. The Faculty thanks former Dean, Professor David Tennant, who demitted office on July 31, 2022, for his outstanding leadership and stewardship over the 2018–2022 period.

Resumption of Face-to-Face Activities

The Faculty resumed full face-to-face teaching and learning after two and a half years of emergency remote teaching due to the COVID-19 pandemic. Resumption was initially rocky largely on account of infrastructure deterioration over the 'lockdown' period.

Strategic Planning

The Faculty's Strategic Plan for the period 2022–2027 was finalized in alignment with the UWI Triple A Strategy and the FSS REACH Vision – **R** realizing Impact Through Research; **E**xceeding the Expectations of Our Stakeholders; **A**ctively Working Towards Financial Sustainability; **C**ommitted to being Caring, Accountable, Motivated and Professional Individuals; **H**arnessing our Resources Through Continuous Improvement. The operationalization of the FSS Strategic Plan for the AY 2022–2023 resulted in several key strategic achievements, some of which are highlighted in this report.

Enrolment

As the table below shows, except for the Mona School of Business & Management, enrolment had declined relative to the previous year 2021/22. Overall, this reduction was 8.8%.

Department/ Programme	2019/20	2020/21	2021/22	2022/23
Department of Economics	342	319	325	278
Department of Government	360	320	184	134
Mona School of Business & Management (MSBM)	511	622	505	527
Sociology, Psychology & Social Work	269	265	210	177
FSS Mona	1482	1526	1224	1116

Anniversaries

The Mona School of Business & Management (MSBM) celebrated its 10th Anniversary of the merger of the Department of Management Studies (DOMS) and Mona School of Business. Commemorative activities included: the launch of a newly redesigned MBSM website; an inaugural James Moss Solomon Memorial Lecture delivered by Senator Don Wehby, CEO of the Grace Kennedy Group; a 10th Anniversary Church service; and a Securities Seminar under the theme “Understanding the framework of the Securities Industry”, sponsored by Victoria Mutual Wealth and in partnership with the Jamaica Chamber of Commerce and the Private Sector Organisation of Jamaica.

Graduation

The 2022–2023 Graduation ceremonies saw a total of 1,325 undergraduate being awarded their BSc degrees and 369 graduate students (MSc, MBA, MPhil, PhD, DBA).

Board Membership

In terms of Board Membership, approximately 64 FSS faculty and staff members served on approximately 194 boards, committees, and technical and working groups. Representation included the public sector, private sector, non-UWI scholarly/professional associations/entities or civil society/NGO/Other.

ACCESS

STUDENT ACHIEVEMENT

Prizes Awarded to Students

Undergraduate and Graduate Awards

The Faculty hosted its second virtual Student Awards Ceremony on February 23, 2023 via its YouTube channel @FSSUWIMONA (<https://youtu.be/eyIhOYuy7Y0>), to recognize the outstanding academic performance of 346 students. These included:

(i) Undergraduate Awards (47 Honours Society Inductees – Level I; 12 Honours Society Inductees – Level II; 119 First Class Honours; 1 Undergraduate Diploma Distinction; and 33 Special Awards) and (ii) Graduate Awards (68 Graduate Distinctions and 66 Special Awards).

Dean's List (Semester II)

The exceptional academic performance of 338 undergraduate students resulted in them earning a place on the Dean's List for Semester II. This included 47 students from the Mona Western Jamaica Campus and 5 students from the Weekend Programmes.

Marketing initiatives to attract increased numbers of students to the University

Significant efforts were made to market the Faculty in an attempt to achieve enrollment levels at least on par with those in the AY 2019–2020, prior to the COVID-19 pandemic. These efforts included:

The launch of a Recruitment Page on the Faculty's Website

The Recruitment webpage (<https://www.mona.uwi.edu/socsci/recruitment>) is a central hub of information for prospective students, making it easier for them to navigate the application process. The webpage highlights the popular programmes available in the Social Sciences and suggests a choice of programmes based on students' interests and personality. This helps students explore their options and make informed decisions about their educational paths.

The Hosting of FSS Talks Session with Prospective Students

The Faculty hosted an FSS Talks session for over 130 High School students on March 30, 2023, the primary objective of which was to introduce them to the diverse disciplines in the Faculty.

Telephoning Applicants Who Had Received an Offer but Had Not Yet Accepted

The Faculty telephoned applicants who received programme offers, but had not accepted in order to understand the reasons for not accepting and encourage their acceptance of the offer. This reaped limited success.

TEACHING, LEARNING AND STUDENT DEVELOPMENT

Efforts made to improve the quality of teaching, learning and student development

To better serve its students, a number of efforts were taken to improve the quality of teaching, learning and student development. These included:

The Expansion of the Roll-With-It Programme for Students and Staff

Spearheaded by the Associate Dean for Undergraduate Studies and Student Experience, the Faculty's Roll-With-It-Programme was expanded to continue to build the mental resilience of students and staff especially post COVID-19. Initiatives included:

- “A Week of Sleep” – A 5-day sleep series highlighting the importance of being well-rested (September 12–16, 2022)
- “Building Mental Resilience” – A celebration of FSS Mental Health Week (October 2022)
- “November Fest: A 4-Week Challenge on Changing your Mindset”, wherein mental training challenges and activities are disseminated to improve dedication and commitment to personal goals (November 2022)
- “Stress and Overwhelm Survey” of First Year Students (November 2022)
- “Stressed Out? Discover the roadmap for academic mastery” Seminar (January 19, 2023)
- “Enhancing Teaching Techniques and Student Engagement” Seminar (January 26, 2023)
- February Love (February 2023)
- “Managing Stress – Discover the Roadmap for Academic Mastery” Seminar (April 13, 2023)

FSS Food Cupboard Initiative

Spearheaded by the Associate Dean for Partnerships and Resource Mobilisation, the Faculty launched its Food Cupboard Initiative to alleviate/reduce food insecurity among FSS students in the main, in January 2023. The Faculty partnered with The Free Likkle Cupboard, a local NGO that provides food cupboards at no cost. The Faculty received its first donation from the Grace Kennedy Foundation. There is on-going promotion to staff, students and potential partners to donate to this initiative as a means of sustaining the supply in the cupboard.

OAS-UWI 75th Anniversary Commemorative Cookbook

The Faculty partnered with the Organization of American States (OAS) and Grace Foods to publish a unique 75th Anniversary commemorative cookbook, featuring 75 recipes showcasing the rich culture of the Caribbean and other OAS member states. The proceeds from the sale of the cookbook are earmarked to fund an OAS-UWI 75th Anniversary Commemorative Scholarships Fund.

Curriculum Advising and Programme Planning (CAPP)

Work continued on the CAPP project to facilitate the digital declaration of an additional number of degree majors and minors in the Faculty. This has significantly reduced the processing time of students' academic records for confirmation of degree completion. The goal is to have the student-interface with CAPP piloted by AY2024/25, whereby students can track their progress through their programmes.

Academic Advising Programme

The Faculty continued its formal Academic Advising Programme to enhance the academic guidance provided to FSS students. Positive reviews were received from students who were selected for the programme, and numerous students who were not selected made requests to be assigned to advisors. The programme remained the only of its kind offered on the Mona Campus and was recognized as a best practice by other faculties and institutions, who expressed interest in adopting the programme.

Academic Governance Framework

An Academic Governance Framework was designed to improve accountability and transparency within the Faculty around examination matters. The framework highlights the various roles and responsibilities of lecturers, programme coordinators, unit heads and administrators within the departments and faculty in handling exam scripts, mark sheets and other exam administrative processes.

Full Automation of Automated Student Request System (ASRS)

As the largest Faculty on the Mona Campus, the FSS engaged the Registry Information Systems (RIS) in an exploration of the full automation of the ASRS to improve the processing time. The areas in which the FSS sought support for in the initial phase were: Change of enrollment status from Full Time (FT) to Part Time (PT); Change of enrollment status from PT to FT; Addition/Change of Major; Addition/Change of Minor; Leave of Absence; Late Leave of Absence; Late Adjustment to Registration; Voluntary Withdrawal; Waivers of the Requirement to Withdraw; Resolution of the need for overrides Semester II registration for yearlong courses; and Maximum credit overrides.

ALIGNMENT

RESEARCH AND INNOVATION

Efforts made to improve the quality, quantity and impact of research, innovation and publication

The Faculty continued its initiatives aimed at increasing research productivity, specifically, its publication output. These efforts included:

Research Writers' Retreat for Academics

Spearheaded by the Associate Dean for Graduate Studies and Research, and the Research and Planning Officer, the Faculty hosted the 4th staging of the Research Writers' Retreat. The retreat took place from Thursday, January 5, to Sunday, January 8, 2023, at The Cardiff Hotel & Spa in Runaway Bay. Eleven (11) members of the academic staff participated, guided by 3 Professors in Residence. Feedback was positive, with attendees indicating that the retreat offered a structured and conducive environment for them to focus. The retreat has garnered recognition as a successful model, and the 2024 retreat will be jointly hosted with the Faculty of Science and Technology who approached the FSS to partner. Research Seminars

Research seminars continued to play an essential role in strengthening the Faculty's research culture. Faculty members either hosted or participated in over 31 research seminars. These seminars contributed significantly to the growth and advancement of knowledge within the following fields: Green Economy and Sustainability; Economic Development and Policy; Social Issues and Social Policy; Governance and Politics; and Research Methodology and Writing.

Seminar to Increase Involvement in Grant Writing

As a proactive step towards advancing research, innovation, and publication, the FSS Grant Writing Committee hosted a virtual Panel Discussion "*What is in it for me? Benefits of Grant Writing*" on November 1, 2022. Eight-six (86) persons attended the session and the presentations included:

- "An overview of MORI's support structure in grantsmanship" (Dr Julie-Ann Grant, Grant Development Coordinator at the Mona Office for Research and Innovation).
- "What Donors Want" (Miss Debbie Emamdie, Senior Project Officer and Unit Head at the University Office of Research, the University of the West Indies).

- “A perspective on Partnerships and Publications in the grant writing process” (Professor Corin Bailey, Director of the Institute of Criminal Justice and Security at the University of the West Indies, Regional Headquarters).
- “The benefits of grant writing for career progression” (Dr Arlene Bailey, Senior Research Fellow at SALISES Mona).

Innovative Efforts to Generate Research Topics

Innovative efforts were implemented to generate research topics, and promote innovation and publication. These included:

- A “Lunch Time Policy Series” implemented by the Department of Economics and Department of Government. The initiative was developed to generate research ideas and initiatives and forge collaborations between the UWI community, industry experts, the government and international organizations. The series examined a range of pertinent economic and socio-political issues affecting Jamaica’s development.
- A seminar entitled “*Chat GPT & Research*” on June 1, 2023 which highlighted the usefulness of Artificial Intelligence (AI) technology as a tool for researchers to streamline the idea generation process, enhance creativity, and provide data-driven insights. The seminar was hosted by the Marketing Officer, the Mona Information Technology Services (MITS) Information Technology Officer, and the Professor of Information Systems at the Mona School of Business and Management.

Editorial Board Membership

Faculty members continued to serve as journal reviewers and members of editorial boards. During the year, Professor Eris Schoburgh (Department of Government) was elected to the Editorial Board of the Public Management Review (PMMR), one of the leading journals in the field of public management and public policy. She also assumed the Vice-Presidency of the International Research Society for Public Management (IRSPM) with responsibility for Latin America and the Caribbean. Additionally, Dr Indianna Minto-Coy and Professor Lila Rao-Graham (Mona School of Business and Management) were appointed Emerald Brand Ambassador, Emerald Publishing, and the new holder of the GraceKennedy S. Carlton Alexander Chair in Management Studies at the UWI Mona, respectively.

NATIONAL ENGAGEMENT AND OUTREACH

Research that responds to industry / government demands

FSS Research Activity

FSS researchers played a vital role in addressing immediate and long-term challenges, driving innovation, fostering economic growth, and improving the overall well-being of society during the AY 2022–2023. They engaged in robust research activities: 23 conference presentations; 14 refereed journal articles and book chapters, 4 technical reports, including policy papers; and the launch of 2 books. Topics included: Health and Social Well-being; Sustainable Development; Migration and Policy; Education and Youth; Sports and Performance; Evaluation and Development; Global Economy and Political Culture; and Food Security and Sustainability.

Initiatives to Increase and Improve Academic/Industry Research Partnerships

The Faculty increased and improved academic/industry research partnerships through active engagements with various organizations and groups, research partnerships and collaborations. These included:

Sir Arthur Lewis Institute of Social and Economic Studies (SALISES)

- **Collaboration between academia and industry in the field of information and communication technologies:** Research Fellows played a significant role in coordinating the publication of the proceedings of the AIS SIG GlobDev 2022 Workshop on ICTs and Global Development.
- **Collaboration and partnerships in the field of migration and development:** Research Fellows participated in various events and working groups related to international migration and development, including attending stakeholder engagement sessions and stocktaking meetings organized by the International Organization for Migration, as well as participating in discussions on climate mobility and World Development Reports.
- **Collaboration in the field of democracy research:** Research Fellows served as country experts for the Varieties of Democracy (V-Dem) project, co-hosted by the University of Gothenburg and the University of Notre Dame. The VDem project is a new approach to the conceptualization and measurement of democracy and is one of the largest social science research-oriented data collection programmes.
- **Collaboration in the field of criminal justice and corrections:** Research Fellows served as Technical Secretary and Chair of the Juvenile Working Group for The Bureau of Standards Jamaica's Correctional Services Standards Technical

Committee. Additionally, Fellows participated in webinars, meetings, and expert panels, such as the Howard League for Penal Reform and the International Corrections & Prisons Association Delphi Panel.

The Department of Economics

- **Collaboration with the Government of Jamaica (GOJ), Ministries, Departments and Agencies around a myriad of economic, public and social policy activities:** Proposal for the establishment of a Fiscal Research Centre/ Institute within the Department of Economics with GOJ promised endowment of \$200,000,000.

The Department of Sociology, Psychology and Social Work

- **Collaboration with the United Nations Population Fund (UNFPA):** Researchers within the Department of Sociology, Psychology and Social Work finalized and validated a data appreciation tool for UNFPA Data Appreciation Project.

The Mona School of Business and Management

- **Partnership with Business Development Corporation (JBDC):** The Mona School of Business and Management initiated a partnership with Business Development Corporation (JBDC) for final projects with graduate students, enhancing industry-academic collaboration.

The Department of Government

- **Partnership with the Embassy of Japan in Jamaica:** The Department of Government in partnership with the Embassy of Japan in Jamaica hosted two lectures – (i) a lecture on the “Free and Open International Cooperation (FOIC) Framework” delivered by Mr. So Umezaki, Director, Institute of Developing Economies, Japan External Trade Organisation (JETRO), and (ii) a lecture on “Free and Open Indo-Pacific” delivered by Dr. Masami Ishida, Professor in the Department of International Development Studies at the Bioresource College at the Nihon University in Japan.
- **Partnership with the Japan International Cooperation Agency (JICA) Jamaica Office:** The Department of Government in partnership with the Japan International Cooperation Agency (JICA) Jamaica Office hosted two lectures: (i) a lecture on “Transformation of Global Health Governance and Japan’s Role in it” delivered by Professor Kayo Takuma from Tokyo Metropolitan University, and (ii) a lecture on “Educational Development in Modernization in Japan” delivered by Dr. Nobuko Kayashima, Senior Research Adviser at Ogata Sadako Research Institute for Peace and Development of JICA .

AGILITY

REGIONAL AND INTERNATIONAL COLLABORATION

Efforts made to enhance the global presence of the University

Faculty members actively sought out regional and international collaborations and partnerships with various institutions with the specific intention to expand the UWI's global footprint. These included:

- Continued partnership between the United Nations (UN) Jamaica and the Department of Economics to host the Jamaican Economy Panel (JEP), which brings together a select group of economic and public sector experts who address a monthly series of socioeconomic questions in formats that seek to engage and empower the public.
- Guest Lectures and Public Lecture Series hosted by the Department of Government with lectures delivered by members of the diplomatic corps and visiting academics (The European Union in Jamaica, Embassy of Japan, and the Japan International Cooperation Agency).
- The Department of Government accepted an invitation from the U.S. Embassy, Kingston to attend a film screening “Ida B. Wells: A Passion for Justice” showcasing issues related to civil and political rights in the USA, commemorating Black History Month.
- The Department of Sociology, Psychology and Social Work (SPSW) signed a partnership agreement with the Public Assistance Program, Ministry of Labour and Social Security, an initiative under the National Poverty Reduction Program (NPRP) of the Planning Institute of Jamaica (PIOJ), to place Social Work students at the Public Assistance Division of the Ministry of Labour and Social Security as part of their course of study.
- Partnerships with other Universities
 - The new course titled Caribbean Cultures and Heritage: Debating Cultural Curatorship (SOCI6121) taught through The Department of Sociology, Psychology and Social Work and co-taught by the University of St Andrews (Scotland)
 - Preliminary discussions being held with St Mary's University, Canada for dual degree programmes (The Department of Sociology, Psychology and Social Work)
 - Yale University for their “Yale Research Initiative on Innovation and Scale” conference (Department of Economics)

- McGill University and the Tokyo Metropolitan University to strengthen international academic partnerships (Department of Government)
- Queen's University, Smith Business School Partnership to strengthen international academic partnerships (The Mona School of Business and Management)
- Birmingham City University to conduct the workshop "Perspectives on Youth Work, Communities and Change: Comparative Approaches in the Caribbean, Latin America and the UK" on July 19, 2022 (Sir Arthur Lewis Institute for Social and Economic Studies)
- Successful joint British Academy Grant application with the School of Advanced Studies at the University of London and Dr Doreen Gordon (The Department of Sociology, Psychology and Social Work) to develop the writing skills of early and mid-career academics at universities in the region. UWI Mona will be one of the locations where training will be carried out in January 2024.
- Promotion of the BSc/MSc Politics and International Cooperation (MPIC) Programme¹ through the Department of Government's attendance at various events organized by the Embassy of France in Jamaica, and visits to the University of Sciences Po, Bordeaux.

Initiatives aimed at increasing the number of international students enrolled at Mona and increasing partnerships with international institutions

Updating of the Faculty's Departmental Brochures

There was increased demand for FSS programme brochures from University representatives from the Offices of the Campus Principal and the Campus Registrar, to facilitate their overseas marketing trips. The Faculty's Departmental brochures were updated with an attractive, streamlined design.

Partnerships for Development

The Faculty hosted a Partnerships for Development Series including Ambassadors, Resident Representatives and Chargé D'affaires from Germany, Colombia, Costa Rica, Britain, The United Nations Population Fund, The Organization of American States, The Embassy of Argentina (Donation of books on the Falkland Islands), The Embassy of Germany (Entrepreneurship Training Programme), The International Foundation for Electoral Systems (expression of support for a possible project) and The High Commission of Canada (hosted Canada Film Festival). This series is aimed at increasing the number of international exchange programmes, inviting guest lecturers to enrich the student experience in classes, and co-hosting workshops and seminars.

¹ <https://www.mona.uwi.edu/socsci/programmes/bscm-sc-politics-and-international-cooperation>

Memorandum of Understanding

A Memorandum of Understanding between the University of Cape Coast, Ghana and the Department of Sociology, Psychology and Social Work was signed to promote staff exchanges and academic collaboration.

CONCLUSION

Faculty members exhibited tremendous resilience over the two and a half years of virtual operations caused by the COVID-19 pandemic, in spite of their own personal challenges and the required COVID-19 mitigation protocols. Returning to face-to-face operations was therefore with cautious optimism. The Faculty prepared its Strategic Plan in alignment with the new UWI 2022–2027 Strategic Plan, continued to provide outstanding teaching and learning, continued to publish, engage in thought leadership, public service and advocacy. The Faculty also exhibited great strength in its ability to manage the changes brought about by staff movements – new Dean, new Director of the Sir Arthur Lewis Institute for Social and Economic Studies, Mona, new Head of Department for Sociology, Psychology and Social Work, and the secondment of the Professor of Tourism to the Caribbean Maritime University (CMU) to serve as President. The Faculty extends gratitude to those who demitted office, including Professor David Tennant, former Dean; Dr Orville Taylor, former Head, Department of Sociology, Psychology and Social Work; Professor Aldrie Henry-Lee, former University Director and Mona Campus Director, Sir Arthur Lewis Institute of Social and Economic Studies (SALISES); and Professor Andrew Spencer, former Deputy Executive Director of the Mona School of Business and Management (MSBM).



Photos of the FSS Food Cupboard



DEPARTMENT OF ECONOMICS

Dr. Nadine McCloud-Rose, B.Sc., MPhil, UWI; M.A., Ph.D., *Binghamton University* – Head of Department

WORK OF THE DEPARTMENT

The Department is pleased to present our last academic year's report summarising our activities and accomplishments. In pursuit of our mission and the more comprehensive University's mission, we remained committed to the Department's core objectives by continuing our research and publications, attending and presenting at conferences, seminars, and teaching. Our faculty and staff members continued to excel in their roles, internal to the University and serving on various public boards. We are happy to report that we successfully reverted to serving our students and stakeholders face-to-face during the review period. Student numbers were not as anticipated, but the enrollment remained strong. We continued to improve our teaching and learning approaches to equip the students to become the ideal UWI graduates. We continued our external engagements with various outreach initiatives and partnerships.

Staffing

During the period under review, Dr Alvin Harris and Ms Emoy Young joined the teaching staff as Adjunct and Assistant Lecturers, respectively. Dr Harris holds a PhD in Applied Economics from Western Michigan University and an MSc in Economics from the University of the West Indies. Ms Young is also a University of the West Indies graduate with a Masters in Economics.

Principal's Research Awards 2020–2023

During the 25th instalment of the Principal's Research Awards Ceremony, members of staff of the Department were among those who were recognised and celebrated. The persons listed below have received awards in recognition of their research publications for the period 2020–2023:

- **Edward Ghartey** – Best Research Publication (Article), Research Awards 2020
"Asymmetries in Exchange Rate pass-through and Monetary Policy Principle: Some Caribbean Empirical Evidence"

- **Christine Clarke**, Carol Nelson – Best Research Publication (Book) Research Awards 2021 “*Contextualising Jamaica’s Relationship with the IMF*”
- **Nadine McCloud-Rose** – Best Research Publication (Article) Research Awards 2021. “*Determining the Number of Effective Parameters in Kernel Density Estimation*”
- **Nekeisha Spencer** – Most Outstanding Researcher for years 2020 and 2022. She produced six articles during the Academic Year 2018/19 and five during the Year 2020/21.

CONFERENCES AND FORUMS

The Department hosted its fifth West Indies Economic Conference (WECON), March 9–10, 2023. The primary goal of WECON, which was realised, is to facilitate presentations and dialogues on research and to enhance relationships between experts and policymakers. The conference was a smooth two-day affair, featuring over 25 presenters, two keynote speakers, a specially invited speaker and a guest speaker. The event drew a diverse audience of more than 100 persons, including academics, industry professionals and students.

The first keynote address featured **Rocío Titiunik**, Professor of Politics at Princeton University, on the topic “*Analysis and Interpretation of Multi-Dimensional Regression Discontinuity Designs*”. The second keynote address was delivered by **George-Levi Gayle**, John H. Biggs Distinguished Professor of Economics, Washington University (St. Louis) and graduate of our Department of Economics, on the topic “*The Importance of Family Structure and Within Household Allocation for Economic Policy and Human Capital Development*”. Matias Cattaneo, Professor of Operations Research & Financial Engineering at Princeton University, delivered the special guest lecture on “*Uncertainty Quantification in Synthetic Controls with Staggered Treatment Adoption*”. Presentations from panellists covered various topics, including Finance & Monetary, Growth & Development, Environment & Education and Econometrics. Conference participants and members of staff of the Department chaired panels.

In addition, the conference featured an industry panel organised in collaboration with the National Commercial Bank (NCB Capital Markets), our main sponsor. The panel discussions centred around the theme: “*Development of the Capital Markets: A Necessary Condition for Economic Development & Sustainable Long-Term Growth*”. Special remarks at WECON were delivered by Pushpam Kumar, Senior Economic Advisor for the UN Environment Programme, on the topic, “*Inclusive Wealth of Nations: Sustainability and Equity*.” Mr Kumar is a representative from the United Nations. UN also collaborated with WECON 2023 as a partner.

ACCESS

STUDENTS

During the review period, the Department had three hundred and thirty-six (336) undergraduate and forty-five (45) graduate students. The Department held virtual orientation sessions for all cohorts of students. The sessions were well attended by the students; they engaged in live presentations in some instances and, in other cases, video presentations. The department coordinators generally incorporated various activities into these sessions to keep the students engaged and fully informed.

Undergraduate student numbers

Programs	Student numbers
Banking & Finance	180
Economics	145
Statistics	11
Total Number of Students	336

Graduate student numbers

Programs	Student Numbers
PhD Economics	5
MSc Economics	40
Total Number of Students	45

All five (5) students enrolled in the PhD program are currently at the dissertation stage. For this academic year, the Department did not admit new students to the program due to the unavailability of lecturers to teach and supervise. The MSc International Economics and International Law program did not accept any new students this academic year because the program is still under review.

Math Camp

Approximately seventeen (17) students registered and attended the Department's annual math camp for incoming graduate students. It is a refresher course in mathematics and statistics designed to give students the mathematical and statistical skills required to delve into economics at the M.Sc. and Ph.D. levels.

Students' Achievements and Recognition

The Department continued participating in the annual Faculty of Social Sciences, Faculty Awards Ceremony, recognising students for their exemplary work through-

out the year. At the ceremony, our students received various prizes in the following categories.

Distribution of Prizes – Undergraduate

Name of Award	Students
The Economics Prize – Best Economics student	Sebastian Lawrence
The Statistics Prize – Best Statistics student	Troy Cardwell
The Alfred Francis Prize – Best Econometrics student	Sebastian Lawrence
The Banking and Finance Prize – Best Banking & Finance student	Alex-Ann Forsythe

Distribution of Prizes – Graduate

Name of Award	Students
Top Student Award – Best Graduate Student	Brooke-Anne Bowen
The Economic Theory Prize – Best Economic Theory Student	Brooke-Anne Bowen
The Econometrics Prize – Best Econometric Student	Emoy Young
The George Beckford Prize – Best Students in Economic Development	Joycelin Itza

PUBLICATIONS

Books & Monographs

- **Haughton, A., & Ivey, W. (2023).** *Overcoming Productivity Challenges in Small Countries: Lessons from Jamaica*. Palgrave Macmillan.

Refereed Journal Articles

- **Braithwaite, S., (2022).** “Decentralisation, Ethnic Fractionalisation, and the Resource Curse: The Case of Guyana,” *Social and Economic Studies*, 70(3/4), pg. 106–136.

ALIGNMENT

PAPERS PRESENTED

- **Christine Clarke** – “*The development of a Resilience Index*”. WEAI Conference, Portland, Oregon, July 2022.
- **David Tennant**, Stuart Davies, Sandria Tennant, **Patrice Whitely** – “*Promoting Sustainability and Resilience in SIDS Through Targeted Economic Diversification*”. West Indies Economic Conference, March 9–10, 2023.

- **Jevon Henry & Anthony Drummonds** – “*The Impact of Phishing on Smart City Development: Can Behavioral Economics Provide an Explanation?*”. Caribbean Sustainable Cities Conference, November 16–18, 2022.
- **Jevon Henry & Denarto Dennis**, – “*Crime Rates and Court Performance: An Empirical Interrogation of Rational Choice Theory*”. 26th Annual Conference on the Americas. University of Georgia, USA. February 17–18, 2023.
- **Jevon Henry** – “*Explaining Financial Exclusion: Insights from Jamaica*”. West Indies Economic Conference, March 9–10, 2023

LUNCHTIME POLICY SERIES (IN COLLABORATION WITH THE DEPARTMENT OF GOVERNMENT)

The Department collaborated with the Department of Government to launch a new initiative called the “Policy Forum Series”. The initiative’s primary objective is to examine pertinent economic and socio-political issues affecting Jamaica’s development. The Series intends to generate research ideas and forge collaborations between the UWI community, industry experts, the Government and international organisations. There have been four presentations since the establishment, and they are as follows:

- Prof Anthony Harriot – “*The Politics of Crime Control: Are Effective Strategies Outside the Overton Window?*”
- Dr Adrian Stokes, CEO, Quantas Capital – “*Financial Sector Regulation*”
- Richard Amenyah, Multi-County Director, UNAIDS – “*End Inequalities, End Aids: The Fight is not Over*”
- Ms Jodian Aris, Manager, Sagicor Investment, Fabian Gordon, Financial Advisor, Sagicor and Natalie Anderson, Insurance Advisor, Advantage General Insurance Company – “*A Discussion on the Importance of Insurance and Investment: You can be Prepared for Life Now*”

Dr Nekeisha Spencer of the Department of Economics and Dr Yonique Campbell of the Department of Government spearheaded the initiative.

PARTNERSHIP AND LINKAGES

The Department partnered with Yale University to host their annual Y-Rise conference this year. The meeting is a yearly event organised by Yale University in different countries. The primary intents of the linkage were to connect with the local academic community with new research themes and broaden the pipeline of Caribbean students in economics academia. The conference occurred over six days, from December 15–20, 2023. The Y-Rise conference showcased research on various topics such as Achieving and Sustaining Health-Related Behaviors; Spillovers,

Network and Equilibrium Effects; Evidence Aggregation and External Validity; Alleviating Seasonal Poverty; Innovations to Improve Productivity of Entrepreneurs; Macro, Growth, and Welfare Effects of Policy Interventions; Political Economy Effects of Policy Interventions and Innovations to Improve Efficacy of Electrification. The conference was attended by staff members of the Department and other special guests, on the advice of the Department, in the public and private sectors.

JAMAICAN ECONOMY PANEL (JEP)

The Department maintained its collaboration with the United Nations Jamaica on a joint initiative with a selection of economics and public policy experts to participate in monthly discussions on crucial economic topics.

Publications from these discussions during the period are as follows:

- August 2022 – Ocean Economy. <https://jamaica.un.org/en/193226-jamaican-economy-panel-discussion-ocean-economy>
- November 2022 – Climate Resilience in Jamaica Calls for Mitigation and Adaptation. <https://jamaica.un.org/en/206492-climate-resilience-jamaica-calls-mitigation-and-adaptation>
- December 2022 – Partnership Landscape Assessment. <https://jamaica.un.org/en/215416-jamaica-partnership-landscape-assessment-jamaica>
- January 2023 – Creative Economy. <https://jamaica.un.org/en/215703-jamaican-economy-panel-discussion-creative-economy>
- February 2023 – United Nations Common Country Analysis (Jamaica 2022) <https://jamaica.un.org/en/226502-united-nations-common-country-analysis-jamaica-2022>
- March 2023 – Social Protection. <https://jamaica.un.org/en/223975-jamaican-economy-panel-discussion-social-protection>
- May 2023 – Economics of Congestion. <https://jamaica.un.org/en/230308-jamaican-economy-panel-discussion-economics-congestion>

JAMAICA PRODUCTIVITY CENTRE (JPC) INTERNSHIP PROGRAMME

This Department continued its partnership with the JPC on an internship programme focused on capacity building and promoting a productivity-driven culture in the Caribbean. It also seeks to allow students to develop their skills and expertise in report writing, data analysis, research and data management. The internship programme will also allow for the timely dissemination of knowledge, research and productivity-related statistics. One undergraduate student was the recipient during the review year.

The Center for Advanced Hindsight (CAH) – Duke University Internship Programme

The Department has established an internship agreement with the Center for Advanced Hindsight (CAH) at Duke University, primarily focused on offering students from the Department valuable real-world experience in their field of study. CAH generally partners with local governments, universities, employers, community organisations, and other groups to test creative policy solutions. This partnership will allow graduate students to participate in research activities during the summer. It will enable them to learn more about working at an applied behavioural research lab, gain relevant skills, and contribute to ongoing research designed to improve lives.

FISCAL RESEARCH INSTITUTE

During the review year, Hon. Nigel Clarke, Minister of Finance and the Public Service, engaged the Head of Department to establish a fiscal research institute within the Department of Economics. The institute would be a non-partisan think-tank dedicated to, *inter alia*, conducting advanced research, teaching, and enhancing postgraduate course offerings in public finance and public policy. It would play a crucial role in analysing and providing insights into economic and social policy decisions, particularly those involving public expenditure, taxation, and fiscal sustainability. The institute would assist policymakers and the general population in understanding the impact of public choices on individuals, households, firms, and the Government's financial position.

After the discussions, the Department produced a proposal and several iterations have been circulated and vetted by various internal and external stakeholders. The most recent is being updated based on discussions in ongoing meetings. Following these initial drafts, the Inter-American Development Bank (IADB) and the Institute of Fiscal Studies and Democracy (IFSD) have indicated their interest in partnering with the Department on this initiative. They have expressed their readiness to assist in whatever capacity benefits all parties. Several high-level meetings have taken place with these stakeholders to determine the extent of support from each entity. These discussions are also ongoing.

During the 2023/24 Budget Debate, the Minister publicly announced financial support for this critical national and regional fiscal initiative in the Department of Economics. In his presentation, he outlined that the Government would provide a \$200 million endowment to facilitate the entity's start-up. He also stated that he intends to secure support from the private sector in endowing the research entity.

Joint Declaration of Intent (DoI) between the United Nations Resident Coordinator's Office (UNRCO) and the University of the West Indies(The UWI).

A joint Declaration of Intent (DoI) between the UNRCO and the UWI – spearheaded by the Department of Economics – has been developing for a while. The UWI is the *first* University in the region that the UNRCO has approached with this DoI. This DoI essentially stipulates a voluntary agreement between both parties to work together. After the Declaration of Intent is signed, the UNRCO and the UWI will work on an MoU to formalise the initiatives. The signatories intend to collaborate broadly to support SDG acceleration in the region and the Strategic Plan of the University of the West Indies, Mona on a *non-exclusive basis* in areas of common interest. The proposed date for the signing of the DoI is October 10, 2023.

PUBLIC SERVICE

Andre Haughton

- Member, Board, Montego Bay United Football Club
- Member, Jamaica Stock Exchange Best Practice Committee
- Member, Jamaican Economy Panel
- Member, Students Loan Bureau Board
- Member, Jamaica Stock Exchange Best Practices Awards Committee
- Chair, Students Loan Bureau Pensions Committee

Christine Clarke

- Member, Jamaican Economy Panel (JEP)
- Director and Chair of the Board, Bank of Jamaica, Audit and Risk Committee
- Director and Chair of the Board, JETCON Corporation, Compensation Committee

Samuel Braithwaite

- Member, Inclusive Growth Index Committee
- Member, Editorial Committee, *Social & Economic Studies (SALISES)*
- Editorial Board, *Transformation Journal* (University of Guyana)

Kelly-Ann Dixon Hamil

- Member, Ardenne High School Board
- Member, Jamaican Economy Panel (JEP)
- Member, The Elsie Barnett Smith Memorial Scholarship Committee

- Member, Visitor Harassment Research Unit Advisory Committee, School of Hospitality and Tourism Management, Purdue University

Romae Finegan

- Member – Planning Institute of Jamaica Inclusive Growth Index Committee

Peter-John Gordon

- Member, Jamaican Economy Panel
- Member, Kingston College Board
- Member, Consumer Protection and Welfare Working Group
- Member, Mico Foundation Board

Jevon Henry

- Member, Stakeholder Consultation Group for Youth for the Ministry of Finance's Open Government Partnership National Action Plan
- Member, Board of Directors, The Jamaican Association for Debating and Empowerment

Nadine McCloud-Rose

- Member of the Editorial Board (Senior co-editor) of *Advances in Econometrics*
- Associate Editor, *International Journal of Finance & Economics*
- Member of the Editorial Board, *Journal of International Trade & Economic Development*
- Member of the Selection Committee: Recruitment of the first Fiscal Commissioner for Jamaica's Independent Fiscal Commission
- Member, Monetary Policy Committee, Bank of Jamaica
- Member, Board of Directors, Planning Institute of Jamaica
- Member & Co-founder, Jamaican Economy Panel
- Member, Jamaica Survey of Living Conditions, Steering Committee

Nekeisha Spencer

- Member, Editorial Board, *International Journal of Disaster Risk Science*
- Member, Jamaican Economy Panel
- Chief Examiner, Caribbean Examinations Council, CSEC Economics
- Member, Caribbean Examinations Council, Subject Awards Committee

David Tennant

- Chairman, Board of Directors, Statistical Institute of Jamaica

- Member, Jamaica Education Transformation Commission
- Member, Supervisory Committee of the Bank of Jamaica
- Member, Financial Policy Committee of the Bank of Jamaica
- Member, Board of Directors, Planning Institute of Jamaica

Patrice Whitely

- Member, Jamaican Economy Panel
- Member, St Andrew Parish Church Foundation Board
- Member, St Andrew Parish Church Legal Advisory Service

AGILITY

INCOME GENERATION

Research Funding

During the review period, Dr Nekeisha Spencer spearheaded a research project entitled “*The Impact of Natural Disasters on the Local Real Estate Market*”. The research aimed to quantify how extreme climate events affect the Jamaican real estate market, intending to provide information to guide policy decisions regarding preparedness and adaptation. The Inter-American Development Bank (IADB) funded the project for US\$25,000.

Summer School

Summer school remained a viable income-generating activity for the Department and the University. As in the past, the Department’s summer school programme delivered all level I and core courses and some third-level electives, totalling nineteen (19) courses during Summer school 2022/23, and 634 registered students. The surplus as of July 31 stood at \$12,902,688.

Scholarships

The Department currently has four scholarship commitments, three at the graduate level and one at the undergraduate level with the following yearly amounts: Thomas De La Rue Scholarship in Economics, for Seven Hundred Thousand Dollars (\$700,000.00), the G. Arthur Brown Scholarship valued at Nine Hundred Thousand Dollars (\$900,000.00), Colin Fitz-Herbert Bullock (CFB) Scholarship valued at J\$1.8M and the Dr Nittalla Murthy Scholarship valued at One Thousand Seven Hundred and Fifty United States Dollars (US\$1750).



DEPARTMENT OF GOVERNMENT

Dr. Suzette A. Haughton, BSc, MSc, UWI, PhD, KCL – Head of Department

ACCESS

STUDENTS

On October 6, 2022, the Department of Government's Parliamentary Internship Program (PIP) resumed. The primary objective of the PIP is to provide students with the opportunity to strengthen their research and writing skills and to develop a practical understanding of the political process. PIP interns worked on various issues in governance, economics, and foreign affairs. Two students (Ms. Anatassia Balfour and Mr. Aaron Hoilett) from the Department were installed at the annual PIP induction ceremony at the George William Gordon House. On October 12, 2022, both students made their first appearance at the House of Parliament, where they were nationally recognised.



From Left: Dr. Donavon Johnson (PIP Coordinator), Ms. Anatassia Balfour (Intern), Mr. Aaron Hoilett (Intern), Ms. Valrie Curtis (Clerk to the Houses of Parliament), Ms. Colleen Lowe (Deputy Clerk to the Houses of Parliament)

The success of the students within the Department did not end with the PIP interns; as such, the following students were commended for their achievements during the 2021–2022 period:

- Mr David Salmon, a student in the Department’s Public Policy and Management undergraduate programme, was named the valedictorian of the Faculty of Social Sciences 2022 graduation ceremony.
- In 2021, students from the Department’s UWI Model United Nations club participated in the Harvard Model United Nations competition. They won USD 5,000 in the social venture competition by showcasing the impact an ICT development project is likely to have on Jamaica’s underserved communities in Kingston. The club won the monies to purchase and hand over 70 tablets to 7 schools in Western Kingston communities.
- Ms Trudi-Rae Goodison was awarded the Most Outstanding Final Research Paper in the MSc Government (International Relations Specialization).
- Mr Jamonte East was awarded the Most Outstanding Final Research Paper in the MSc International Public and Development Management Programme.
- Mr Travis Barrett was awarded the Most Outstanding Final Research Paper in the MSc Government (Comparative Politics/Political Theory Specialisation).
- Mr Andre Zosor, one of the Department’s outstanding graduate students, represented the International Relations Unit at the Ministry of Foreign Affairs and Foreign Trade on Tuesday, October 18 2022. The event marked the Ministry’s 60th anniversary. It included a lecture given by Dr. Kathy-Ann Brown on Jamaica’s Role in the Multilateral System with a special focus on the International Convention on the Law of the Sea.
- Between February 16 and 19, 2023, the UWI Model United Nations (UWIMUN) club participated in the Harvard Model United Nations (HNMUN) competition. The UWIMUN members obtained five awards for their outstanding performance. Four of the five delegates of the University’s delegation were conferred with awards for their exceptional work and contribution to their committees and for embodying the spirit of diplomacy. Ms. Alana Robinson and Gabryelle Smalling won the Outstanding Delegate award in the Special Political Decolonization Committee. Mr. Rhameish Smith and Moses Estick earned the Diplomatic Commendation award from the Social Humanitarian and Cultural Committee. In addition to our delegates’ success at the end of the conference, it is important to note that this delegation was the first in UWI HNMUN participation history to win the Most Outstanding Small Delegation award.

Several of the Department’s MPhil candidates also made successful steps towards completing their respective research projects by completing their graduate seminars and successful upgrading their registration status to PhD. These students include:

- Mr. Craig Clarke, MPhil candidate who successfully completed an Upgrade Seminar on Tuesday, April 18, 2023. Mr. Clarke presented on “*Contesting Places: Development Displacement and Resettlement in a Small Island Developing State—The case of Jamaica’s Bauxite Industry*”.
- Mr. Cush Sewell Lewis, MPhil candidate successfully completed an Upgrade Seminar on Friday, May 5, 2023, presenting on “*Food Policies and Small Island Developing States: The Case of Jamaican Households*”.
- Mr. Lincoln Allen, MPhil candidate successfully completed an Upgrade Seminar on Tuesday, May 30, 2023, presenting on “*An Exploration of Perspectives on Gun Culture and the Nexus with Homicide Rates: A Jamaican Case Study*”.

TEACHING AND LEARNING

Dr. Vasciannie hosted several guest lectures during academic year 2022–2023; key among them were the lectures presented by Mr Lindford Andrews on the “*Role and Structure of The Commonwealth*” and the lecture by Ambassador Marianne Van Steen of the Delegation of the European Union in Jamaica on Regionalism in a Globalized Age. The Department also facilitated several other guest lectures during the academic year, which included the following:

- Dr Yonique Campbell hosted Mr George Roper, the Deputy Governor of the Bank of Jamaica, who gave a guest lecture to the GOVT 6041 class on February 21, 2023.
- Dr Lisa Vasciannie hosted Ambassador Olivier Guyonvarch, the French Ambassador in Jamaica, in her GOVT3048 class on February 1, 2023. He discussed the Role of a Diplomat in International Affairs.
- Dr Lisa Vasciannie facilitated the participation of several students from the GOVT3048 and GOVT6094 classes in the opening ceremony and first session of the OAS Workshop on Democracy and Elections on Thursday, February 16, 2023.
- Dr Shinique Walters hosted two guest lecturers for GOVT3201 students, one on Internet and Democracy by Mr Andre Stephens, Blogger, on March 1, 2023, and the other was on Social Media and the Jamaica Constabulary Force by Mr Shaunjay Mitchell on March 15, 2023.

On September 14–15, 2023, Dr Kavita Johnson, the Department’s Coordinator for the UWI’s Tripartite Bachelor/Master in Politics and International Cooperation (MPIC) programme visited the University of Sciences Po, Bordeaux and participated in a programme with the Regional Ambassador Mr. Roland Dubertrand and Ambassador of France to Jamaica, His Excellency, Mr. Olivier Guyonvarch.

The programme featured presentations about Jamaica-France Relations, the MPIC programme, and life at UWI. During the visit, Dr. Johnson handed out Graduate degrees and UWI memorabilia in a small ceremony. Dr. Johnson's visit resulted in the Department being invited to participate in "*A Touch of France in Jamaica*", a 3-day exhibition put on by the Embassy of France, the Alliance Française de la Jamaïque and the Club France-Jamaica, which was held at the AC Marriot Hotel, Kingston, Jamaica.

Apart from guest lectures for the students of the Department, the team at the Department also hosted two public lectures during the academic year. In collaboration with Japan International Cooperation Agency (JICA), the Department hosted a public lecture on the Transformation of Global Health Governance and Japan's Role in it. Professor Kayo Takuma of the Tokyo Metropolitan University presented the topic at the lecture. On March 23, 2023, the Department partnered with the Embassy of Japan to host a public lecture on the Free and Open International Cooperation Framework. Mr. So Umezaki from Japan's External Trade Organisation (JETRO) was the main speaker at the lecture. At both lectures, Dr. Heather Ricketts, Dean of the Faculty of Social Sciences gave presentations from the Faculty and the University of the West Indies and Prof. Suzette Haughton gave welcome from the Department of Government.

PUBLICATIONS

- Several Department staff had their works published during the 2022–2023 academic year. Two of Dr Aieka Smith's articles were published:
- Smith, Aieka Yasheva. "Contested bodies and delayed decisions: Attitudes to COVID-19 vaccines among Jamaicans." *Revista Opera* 32 (2023): 185–207.
- Smith, Aieka Yasheva. "I Have Two Flags in my Heart: Diasporic Citizenship of Jamaicans Living in Britain." *OASIS-Observatorio de Análisis de los Sistemas Internacionales* 37 (2023).

Dr. Emanuel Quashie's manuscript entitled "US foreign policy towards the Caribbean: Rethinking the Caribbean Basin Initiative. A Case Study" was published in *Latin American Policy* in the second half of 2023. His solo-authored book titled "*Stakeholders of Terrorism and the Caribbean*" has been published by Palgrave MacMillan Press.

Professor Eris Schoburgh published articles and conference papers during the 2022–2023 academic period:

- Institutional Design for Sustainable Urbanization in the Caribbean [co-authored] was accepted for publication in *Sustainable Development Research*, Vol 5 Number 1 June 2023.

- Institutional Design for Sustainable Urbanization: The state of play in the Caribbean [co-authored], accepted for the International Research Society for Public Management (IRSPM) Annual Conference scheduled for Budapest, Hungary, April 3–5, 2023.
- Citizens' perceptions of quality and accessibility of local government services: Pathways to institutional change in a post-COVID era [co-authored], accepted for the International Conference on Public Policy 6 (ICPP6), June 27–29, 2023.
- Paper on Informal Citizenship submitted to the International Political Science Association Conference (IPSA) scheduled for Buenos Aires, July, 2023.
- Paper on Informal Citizenship accepted for presentation at the International Political Science Association Conference (IPSA) scheduled for Buenos Aires, July, 2023.

ALIGNMENT

Professor Eris Schoburgh:

- was elected to the Editorial Board of Public Management Review (PMR) in September 2022. PMR is one of the leading journals in public management and public policy, with an impact factor of 4.2+/- .
- assumed Vice-Presidency of the International Research Society for Public Management (IRSPM) responsible for Latin America and the Caribbean. She also reviewed twenty-eight (28) panel proposals for IRSPM 2023.
- accepted an invitation to be a member of a panel asked to share perspectives on the topic: *International Scholarly Engagement: Respecting Human Rights and Academic Freedom* at the Opening Plenary of the International Research Society for Public Management (IRSPM) Conference, hosted by Corvinus University, Budapest, Hungary, April 3–5, 2023.
- reviewed ten (10) academic papers a member of a team established to select Best Conference Papers at IRSPM2023.

The Department of Government held discussions with a representative from McGill University. These discussions explored collaborations based on the UWI-McGill Memorandum of Understanding. The meeting was held on February 17, 2023, and the Department's HOD, Unit Heads, and a representative from McGill University participated in this discussion. In addition, the Head of the Department of Government continued discussions with members from King's College, London to strengthen collaborations with the institutions.

Dr Yonique Campbell was invited to an authors' workshop at the Freie Universitat Berlin (Free University of Berlin) in Germany to discuss South-South Security

Cooperation across six regional groupings in the Global South. Cambridge Review of International Affairs agreed to publish the papers presented at the workshop. In collaboration with the Department of Economics, Dr Campbell secured sponsors to deliver four presentations in the Lunch Time Policy Series.

AGILITY

The Department congratulates Dr Carol Nelson on her promotion to Senior Lecturer level.



DEPARTMENT OF SOCIOLOGY, PSYCHOLOGY AND SOCIAL WORK

Dr. Herbert S. Gayle, PhD (London), MSc, BA (UWI Mona)
– Head of Department

OVERVIEW

The Department graduated a total of 256 students for the academic year 2021/2022. There were 48 post-graduates, 206 undergraduates and 2 diploma students. All of these students had spent a significant proportion of their contact time in an ‘emergency remote’ context. The 2022–2023 academic year was one of losses and gains, disappointments and victories; but most obviously of recoveries from the devastation of the COVID-19 pandemic, as well as adapting to the attempted return to face-to-face instruction. Incidentally, the University’s response to the pandemic created a new instruction culture, which afforded many students a chance to work and study. The emergency remote teaching process that characterized the pandemic created a demand, especially by mature students, for courses to be offered both face-to-face and online. This made the academic year one of challenge, as the resources needed to meet such a demand were lacking.

In August 2022, the new HOD found the Main Office water soaked from a leaking roof. There were also three areas showing mould marks. He was greeted with a long-suffering staff using cloth to mop up water from the floor; and was shown immediately that his office had no air condition. When he enquired, he was informed that by opening the door to the only office section with an operating air condition, he would be able to survive. On his tour he further discovered that the reception section had a window air condition unit that actually made ice rather than blow cool air consistently. He made a detailed report to the Dean’s Office; and the Dean, in response, immediately begun the process for the section of the main building to be re-roofed. Nonetheless, due to the University’s snail-paced system of addressing fast-deteriorating crises, the situation worsened dramatically throughout the year. About nine months after first reporting the crisis, workmen went onto the roof and attempted to stop the leak temporarily. The leak only abated infinitesimally – signalling that a complete job is needed. The volatile working conditions have been emotionally crushing. However, the staff have been courageous through the ordeal.

This was a year of numerous transitions, some of which will be detailed below – but it has also been a year of resilience and unity, despite the odds. The Department has been blessed with a core of faculty members who have been extremely reliable and committed to the growth of the group, as well as to the development of the region. During the financial droughts and negative spinoffs, they have been able to help the Head meet the Department's goal to foster unity and empower junior academics. Without the assistance of these people, the Department would also not have been able to host events such as the summer retreat and Christmas party. The support team (Department Office) was also extraordinarily helpful in ensuring that the main goals of the academic year were achieved.

For the past five (5) years the Department has wrestled with a set of recommendations from the 2017 quality assurance review (QAR). The former Coordinator of the Sociology Unit (now HOD), led the foundational work to make the programmes of Sociology, Demography, Social Work, Anthropology and HRD more attractive, market-aligned, and distinguished from each other, as well as reduce the many duplications that were highlighted, especially in the area of methods. In the previous academic year there was an attempt to make the bulk of the dramatic changes needed, but this proved to be overwhelming. During the academic year, a new team was created to carry on the work in a phased manner. The decision was taken to write proposals to make changes to three programmes in the new academic year (2023/24): Social Work, Anthropology, and Human Resource Development.

It was also decided to suspend the majors in Demography and Social Policy due to unacceptably low enrolment. In the case of Demography, its enrolment had fallen to 10 students in the major across a decade. Students wishing to pursue the postgraduate degree have not been hindered, however, given the fact that only a minor is needed (which remains available). In the case of Social Policy, the enrolment numbers in Sociology simply could not accommodate the number of specializations offered; and similarly, the minor remains available.

Incidentally, from 2017, the Department was warned by the QAR that its offers in majors exceeded its enrolment reality, putting too much pressure on staff, as well as putting core courses at risk. The reality is that some of the programmes under the Sociology Unit have been struggling worldwide, including sociology itself. In fact, on occasions it has been referred to as the 'New Latin' or 'New Philosophy'. This drop in demand for sociology has been caused by the fact that other disciplines in the behavioural and human sciences had managed to borrow so much of sociology that they could afford to steer their students away from doing the discipline as an elected aspect of study. Nonetheless, sociology has been a critical tool to understanding society and its many crises, and the Department has taken steps to preserve its core offerings. There have also been discussions in the school year to re-launch the Centre for Population and Change, which will drive future endeavours in social research.

The Department's flagship product for decades has been methodological competence. Irrespective of the programme, there remains a high market-expectation that products of this Department can do social research. Nonetheless, this product was criticized in 2017 as lopsided. In specific terms, this meant that a student might be better at one type of method over another, depending on the discipline. Based on the recommendations, it was decided to standardize the base of the methods offering across the Department to afford students a strong methodological foundation, irrespective of programme. This means that all students who are enrolled in the Department will do both qualitative and quantitative research at the undergraduate and postgraduate levels by 2025. This will mean adjustments to the structure of some programmes; and this process begun in a structured way in the school year.

The Department is compartmentalized under four units: Psychology with 65 per cent of total enrolment, Sociology (18%), Social Work (15%) and HRD with the remainder doing postgraduate courses. During the academic year of 2022–2023 much was achieved by each unit. Some of these are displayed in the table below. The Department's management team will use these as a marker of improvement for the upcoming academic year.

The data in the table show that the staff achieved only 27 article equivalents (23 articles and a book) in the school year. This means that the 34 academics produced less than an article each for the year. The reality is that several of these members are completing PhDs, and three of the complement during the year held critical posts within the Faculty of Social Sciences and the Department. There are also other challenges as a number of the senior staff have social positions of national importance, and these roles – while encouraged on the grounds of nation-building – distract from the core of academic output. Additionally, the academic staff have had to deal with the displacements caused by the COVID-19 pandemic. Nonetheless, there is recognition that the output is unacceptable; and staff have been encouraged to access the Faculty's Writers Retreat. Dr. Doreen Gordon' has also partnered with academics of the University of London to provide a vehicle for junior staff to engage with others in the rudiments of writing. The goal is to increase publication output substantially in the upcoming year.

SUMMARY OF CRITICAL DEPARTMENT ACHIEVEMENTS 2022/23 ACADEMIC YEAR	
Publications	Numbers
Peer Review Articles	23
Book	1
Abstract	1
Technical Reports	2
Publications in non-print/multimedia	2
Papers Presented	33

Poster Presentation	2
Public Lecture	26
Conferences/Workshops	
International Conferences attended	18
Presentations at local conferences/workshops	30
External Collaborations	13

THE PSYCHOLOGY UNIT

The Psychology Unit worked with the aim to re-launch the PhD in Clinical Psychology, as well as develop a proposal for a PhD in Psychological Science. The proposed new programme will have three streams – Clinical Psychological Science, Applied Psychological Science and General-Experimental Psychological Science. A team of colleagues from the Unit also reviewed its methodological offerings; and the decision was taken to pull the two introductory courses into one. This is expected to be followed by new psychology methods courses that includes qualitative and quantitative data analysis, and an intermediate course in data analysis for the Psychological Sciences.

SOCIOLOGY UNIT

The term Sociology Unit is used to describe an amalgamation of three (3) disciplines: Sociology, Anthropology, and Demography. However, by 2025 it is expected to also include a major in Crime and Violence Studies. The demand for Crime and Violence Studies has been tested through research with 400 persons and found to have a strong demand regionally and internationally. The major will also be accompanied by a certificate course, offering a summary cocktail for practitioners who lack the career space for a degree.

The staff of the Sociology Unit were very impactful in this academic year. Dr. Michael Barnett was very busy making an impact in the area of Rastafari and Race-relations. In December, 2022, he participated in the World Premiere of the Documentary ‘Retracing the Footsteps of His Imperial Majesty: 10 days with an Ethiopian Prince’; and in February (2023), Black History month, he was involved in the screening of a reparations-themed documentary entitled ‘The Price of Memory’. He also played an integral role in the premiere screening of the award-winning Marcus Garvey documentary: ‘African Redemption - The Life and Legacy of Marcus Garvey’.

Ms. Camille Daley created a series of videos comprised of interviews with selected past students for the promotion of Demography, Sociology and Anthropology. Ms. Rashalee Mitchell presented on ‘Harnessing Innovative Poverty Reduction Tools

for Greater Inclusion’ at the March, 2023 National Poverty Reduction Programme Workshop; and Dr. Orville Beckford gave tremendous energy to the promotion of the Department’s programmes in secondary schools across the country.

The **Demography sub-unit** initiated efforts to re-establish the major in Demography by encouraging student enrollment. Drs. Devonish and Priestley have started the process of forging a collaboration with the Department of Geography and Geology to institute a minor and a major in Geographies of Demography through the combination of appropriate courses from the two departments. They also conducted an online data appreciation validation workshop in November, 2022. There were also efforts by staff in alignment and continuous trainings, including attending the international Joint Statistical Meeting 2022 in Washington DC (Dr. Ayesha Facey, August 2022).

The **Anthropology sub-unit** produced a new postgraduate course *Caribbean Cultures and Heritage: Debating Cultural Curatorship (SOCI6121)*, led by Dr Laura-Jan Obermuller in collaboration with the University of St Andrews in Scotland and UWI St Augustine. There were a total of 30 students, with 4 from Mona. Dr. Herbert Gayle did over a dozen (13) public lectures, presented at 22 workshops, and had over 30 media presentations on issues of social violence and parenting, additional to his regular hosting of Power Talk. Among his contributions were the training of personnel of the Ministry of National Security (MNS), Social Development Commission, the Community Safety and Security Branch of the Jamaica Constabulary Force, the Planning Institute of Jamaica and the Community Development Committees from targeted high violence communities for two days in understanding social violence; and presenting to eight partners of the Ministry of Education and Youth the findings of the 2022 Diagnostic Study of Character Education and Violence in Jamaica he executed.

THE SOCIAL WORK UNIT

The Social Work Unit was very active and impactful in the 2022/23 academic year – though it struggled with the loss of one of its colleagues. They proudly placed a student at the Ministry of Human Development, Families and Indigenous Peoples’ Affairs in Belize under their flagship initiative, the Caribbean Internship Programme (CIP). Students and staff worked with communities to strengthen their capacity to help themselves. Utilizing PLA methodology, they collected data for a community profile. The profile was used to help the Community Development Foundation design programmes identified by the youths. Miss Latibeaudiere, the former Unit Coordinator, assisted with The UWI Diversity and Inclusion Policy. She also attended several professional-altering conferences, including Child/Adult mental protection & safeguarding dementia & Alzheimer’s, hosted by International

Social Care Services, Digital Pedagogies for Sustainable Development Conference, and ChatGPT and Academic Integrity in Online Graduate Programmes Workshop.

Dr Rogers continues her work around decolonising mental health, trauma-informed practice, and promoting self-care for Black Indigenous and People of Colour (BIPOC) practitioners working in the global North. She was featured as a guest presenter of the Academy of Therapy Wisdom which offers training at the intersection of mental health and social change. Dr. Rogers has offered workshops and lectures for mental health practitioners and graduate students on the impact of coloniality on mental health service provision.

Miss Shawna-Kae Burns, facilitated a workshop on the 'Reduction of Gender-Based Violence' for Women's Media Watch under the Spotlight Initiative Programme, worked with the staff of the SOS Children's Village on self-care, and presented at the Growth and Empowerment Workshop with Staff of VTDI on the topic 'Cultivating a Growth Mindset'.

Dr. Joanna Simpson impressed in her first year, creating local and international linkages and flying the flag of the Department. Her year's work included: a virtual podcast entitled 'Safer Tomorrow' – a resource for creating more peaceful societies by making solutions accessible to the public and encouraging positive action; presentation to 71 students at the University of KwaZulu Natal's 'Engaging Communities in Action' (March 31, 2023); public commentary on Horace Chang's sectoral debate presentation on Nationwide 90FM (April 26, 2023); feedback on the presentation of the new National Corrections Service Policy at the Ministry of National Security in preparation for the Division's presentation of the Policy to Cabinet (July 13, 2023); and technical review of two community-based projects at Joy Town Community Development Foundation (July 19, 2023).

THE HRD UNIT

The HRD unit hosted an all-day workshop in HR Analytics. Members of staff, current students and alumni attended both theoretical discussions and practical demonstrations. The Unit also hosted two free seminars on survey design and qualitative research in May, 2023. These workshops were designed mainly to benefit students who are doing their Practicum consultancy placements this summer, but they also invited members of their alumni who had expressed interest in embarking upon research careers.

DEPARTMENT SEMINAR SERIES

Dr Moji Anderson organized the first Full Department Seminar Series titled 'The Queen is Dead – Long Live the King? Exploring Jamaican Responses to the Death of

the Queen'. The presenters were Dr. Michael Barnett, Miss Sophia Morgan, graduate student Ashleigh Onfroy, and Professor Rosalea Hamilton of the Institute of Law and Economics. This was additional to the regular departmental seminar series organized by Dr. Laura-Jan Obermuller, which covered several critical themes last year, including learning organizational practices, climate change, social violence, and mental health.

WELCOME

The Department welcomed Dr Herbert Gayle as Head effective August 1, 2022 and thanked our outgoing Head, Dr Orville Taylor for his service. Dr. Gayle started the academic year with a staff retreat at the Regional Headquarters (DATE). Here he introduced his strategic plans tagged 'DO SOMETHING' he hoped to execute for the years 2022 to 2025. These ideas focused on:

- Structure (reducing reliance on contacts, cementing sense of system)
- Ontological security (sense of security through promotion and achievement)
- Money (income generation for a struggling university)
- Equality (embracing diversity and fairness for all)
- Teamwork (getting the diverse units to work as one department)
- Heart (empathy for students and colleagues)
- Impact (encouraging staff to get involved in local and regional development)
- Nifty (efficiency in service)
- Good returns (as a result of the changes)

The Department also welcomed the following staff members for the new academic year 2022–2023:

- Dr. Joanna Simpson: Social Work.
- Mrs. Shakeisha Wilson Scott: Social Work.
- Dr. Sharon McKenzie: Social Work.
- Dr. Wendy McLean Cooke: Social Work (who returned from completing her PhD).
- Dr. Andre Bateman: Psychology.
- Jessica Jackson Lewis: Front Desk.

EXCHANGE STUDENT

The Department welcomed Ms Yichi Zhang on February 8, 2023, a PhD exchange student from the University of St Andrews, Scotland. Ms Zhang joined us for one year to do research for her thesis and was co-supervised by Dr Obermuller. Her research explored the emotional sides of Chinese Jamaican life experiences.

CONGRATULATIONS

Dr. Doreen Gordon launched her book, *Blackness and Social Mobility in Brazil*. This was held November 18, 2022 in the Multifunctional room at the UWI Main Library.

Dr Herbert Gayle was appointed Chairman of the National Council on Education (April 1, 2023 and will serve for 3 years).

CONDOLENCES

Within the last academic year the Department lost 3 stalwarts:

Dr. John Maxwell, retired Head of Department – August 2022

Professor Chukwudum Uche, Retired professor of Demography – January 2023

Dr Wendy McLean Cooke, 6 months after completing her PhD and returning to the Social Work Unit – February 2023

EXTERNAL COLLABORATION

- In June 2023, Doreen Gordon collaborated with Dr. Ainhoa Montaya of the University of London to source funding from the British Academy to host an International Workshop on Writing.
- The Department continues its collaboration with the School of Global Studies, University of Gothenburg, Sweden. Prof. Maria Clara visited the Western Campus (WJC) and had a tour of Montego Bay on Friday April 21, 2023.
- The Social Work Unit and Food for the Poor (FFTP) collaborated to assist members of the Zion community. Using PLA methodology, the Social Work team comprised of undergraduate and postgraduate past students and lecturers aimed to help FFTP transition from welfare to development work.
- The Demography sub-unit collaborated with the UNFPA on a Data Appreciation Project. The conceptual framework for population data appreciation in the English and Dutch Caribbean was validated with regional experts and national representatives and was subsequently finalized in December 2022.
- Ties with the University of Southern Oregon were established through Associate Professor – Dr. Larry Gibbs (a former student of the Department) and Drs. Priestley and Devonish. It was proposed that a minimum of 10 students and 3 Faculty members attend UWI during the summer over a two-week period, speak with officials at the US Embassy, Government of Jamaica, and parliamentarians to provide them with an understanding of Caribbean Society and the state of Democracy within island states.

- In January 2023, Dr. Tracie Rogers was appointed as a Research Associate in the Faculty of Humanities at the University of Johannesburg, South Africa. This 3-year appointment will facilitate joint research with scholars in the School of Social Work and Community Development.
- Dr Moji Anderson, along with Marjan de Bruin, formerly of CARIMAC, organized a transdisciplinary, inter-faculty (Law, FSS and FMS) team to join The Network: Towards Unity For Health (TUFH), an institution that creates international linkages with universities and other agencies and individuals to promote equitable global health (<https://tufh.org>). Dr. Anderson reported that TUFH offered UWI Mona a year's free membership for staff and students to take advantage of a range of opportunities, including networking, collaborative work, attending or creating (virtual) seminars and workshops, and attending and participating in conferences.
- Dr. Michael Barnett has been instrumental in establishing an MOU with the University of Ghana, and has organized and promoted several seminars under the auspices of the Department. His involvement and promotion of events related to Rastafari culture and related presentations. He also facilitated an MOU with the University of Cape Coast (UCC), Centre of International Relations, Ghana. This will involve a staff exchange between the two universities from Semester-1, AY2023–2024.
- Dr Gayle met with Colgate University regarding further collaboration and exchange with students and staff.
- Dr Tracy McFarlane was the local lead researcher in a global study to assess work addiction and its impact on health, involving experts from various fields to shed light on the complex issue of work addiction and its consequences for well-being. The study is being conducted in over 60 countries from 6 continents, and is supported by the National Science Centre in Poland.
- Dr Sharon McKenzie collaborated with Association for Play Therapy Jamaica Chapter – and implemented activities for Grades 4 to 5 students at Ardenne Preparatory and Extension High School, 37 Hope Road, Kingston. She also collaborated with Source Farm and Yamaye Guani Taino organization –“Read and Reasoning: A free book and breakfast event for Preparatory Students.” Location: Ancestral Gardens Woodside, High gate, St. Mary.

CHANGE OF COORDINATOR

Dr Sharon Priestley replaced Dr. Herbert Gayle (Head) as the coordinator for the Sociology Unit.

SCHOOL ENGAGEMENT

Dr Orville Beckford organized and presented free workshops in CAPE Sociology, Management of Business and Caribbean Studies on Campus for high schools students. This is in an effort to improve the quality of students coming into the sociology and other programmes at UWI Mona.

Miss Rashalee Mitchell represented the Department at the Convent of Mercy, Academy 'Alpha' at their Career Fair held at the school on March 9, 2023. At this Career Fair, she engaged with some sixth form students about our programmes with focus on our unit offerings. Tentative arrangements were made with the relevant staff at the school to facilitate a SPSW team visit with the sixth form students to further promote our unit offerings.

The Department started the semester with recruitment exercises to grade 13 students at St. Andrew High School and Wolmer's Trust High School for Girls. Drs. Moji Anderson, and Julian Devonish along with Mrs. Kimberly Hinds-Heron promoted our programmes on September 22 and 23.

DISTINCTIONS, HONOURS, SCHOLARSHIPS AND AWARDS

Dr Andre Bateman

- Received the Principal's Research Award for Most Outstanding Research for 2021–2022 publishing 11 articles (July, 2023).
- International Book Awards Finalist in Health and Alternative Medicine Category 2023. "Traditional and Western Medicine – Voices from Jamaican Psychiatric Patients"

Mrs. Arna Elliott-Rattray

- Outstanding teaching accomplishment in the academic year 2021/2022. Center for Excellence in Teaching April 26, 2023
- Special Award from University Council of Jamaica for working to create the Standards for Social Work Education in Jamaica.

Dr Herbert Gayle

- Received Stakeholder Appreciation and Recognition Award (SARA), US Embassy, Jamaica for work in violence reduction in Jamaica with special emphasis on gender justice for boys (December 2022)
- Children First Long Service Award for 25 years of service. January 2023

Ms Sandra Latibeaudiere

- Recipient of the Common Age bursary from among more than 40 applications from 12 countries.

Dr Laura-Jan Obermuller

- Honorary Lecturer in Social Anthropology within the School of Philosophical, Anthropological and Film Studies, The University of St Andrews, United Kingdom. (Period of appointment 2022–2026)

ACCESS

- Dr Andre Bateman is developing a Laboratory format for tutorials for Cognitive Psychology (Summer School) and Physiological Psychology (for Semester 1, 2023).
- Dr Doreen Gordon, by way of the cross-faculty working group, has provided a model for unit working groups to tackle Revitalizing Programmes and Courses; Developing a course on Environment and Health; Media Productions (e.g. the promotional videos for Demography, Anthropology and Sociology); and for Responding to Administrative Changes.
- Dr. Obermuller developed and implemented a new post-grad level module (SOCI 6121: Caribbean Cultures and Heritage: Debating Cultural Curatorship).

AGILITY

RESEARCH GRANTS

- Dr Andre Bateman – Dissertation Completion Fellowship (\$7000) – 2022
- Dr Laura-Jan Obermuller – Grant success for £4,500 GBP through the Tay Charitable Trust for post-grad level student, Miss Ashleigh Onfroy to visit the UK for three weeks. (Part of the SOCI 6121 module experience.)

PUBLICATIONS

Book

- **Gordon, D.** (2022). “Blackness and Social Mobility in Brazil: Contemporary Transformations” London, Palgrave Macmillan, March 7, 2022, 268.

Refereed Journal Articles

- Thomas, R., Smith, J., Rocke, K., **James Bateman, C.**, and Harrison, A (2022) <https://doi.org/10.1007/s12144-022-04050-6>. Adolescent connectedness and its impact on substance use in Jamaican adolescents. *International Journal of Mental Addiction*.
- Tennant, I.A., Hull, D. M., Fagan, M., Casaletto, K.B., Heaton, R.K., **James Bateman, C.**, Erickson, K., Forrester, T and Boyne, M (2022). Assessment of Cross-Cultural Measurement Invariance of the NIH Toolbox Fluid Cognition Measures between Jamaicans and the African Americans. *Journal of Applied Neuropsychology*. <https://doi.org/10.1080/23279095.2022.2126939>. IF2.248
- **Bateman, A. G.** (2022). *The Measurement of Physical Activity Self-Efficacy in Interventions That Promote Physical Activity in Adults* (Doctoral dissertation, Michigan State University).
- **Bateman, A.**, Myers, N. D., Chen, S., & Lee, S. (2022). Measurement of physical activity self-efficacy in physical activity-promoting interventions in adults: A systematic review. *Measurement in Physical Education and Exercise Science*, 26(2), 141-154. <https://doi.org/10.1080/1091367X.2021.1962324>
- Lee, S., Myers, N. D., **Bateman, A. G.**, Chun, H., Prilleltensky, I., McMahon, A., & Brincks, A. M. (2022). Measuring Multidimensional Well-being Actions with the Newly Expanded Version of the I COPPE Actions Scale in Adults with Obesity. *Measurement in Physical Education and Exercise Science*, 1-17. <https://doi.org/10.1080/1091367X.2022.2153595>
- Myers, N. D., Lee, S., **Bateman, A. G.**, Wekesser, M., Prilleltensky, I., McMahon, A., & Brincks, A. M. (2022). Initial validity evidence for responses to the newly developed well-being actions self-efficacy scale from adults with obesity under an exploratory latent variable approach. *Measurement in Physical Education and Exercise Science*, 1-20. <https://doi.org/10.1080/1091367X.2022.2123243>
- Ricketts, C., Malette, L., Myers, N., Bateman, A., & **James Bateman, C.** (2023). Sport Bodies: An examination of positive body image, self-confidence, and subjective sport performance in Jamaican Athletes. *Psychology of Sport and Exercise*. <https://doi.org/10.1016/j.psychsport.2023.102434> IF 4.25
- DeBlaere, C., Zelaya, D. G., **Bowie-Dean, J.**, Chadwick, C. N., Davis, D. E., Hook, J. N., & Owen, J. (2022). Multiple microaggressions and therapy outcomes: The indirect effects of cultural humility and working alliance with Black, Indigenous, women of color clients. *Professional Psychology: Research and Practice*. Advance online publication. <https://doi.org/10.1037/pro0000497>
- Myers, N. D., Lee, S., **Bateman, A. G.**, Wekesser, M., Prilleltensky, I., McMahon, A., & Brincks, A. M. (2023). Initial validity evidence for responses to the newly developed well-being actions self-efficacy scale from adults with obesity under

an exploratory latent variable approach. *Measurement in physical education and exercise science*, 27(2), 151–170. <https://doi.org/10.1080/1091367X.2022.2123243>

- **Bateman, A. G.**, Myers, N. D., Feltz, D., Pfeiffer, K. A., Kelly, K., Smith, A. L., & Brincks, A. M. (2023). The Self-Efficacy to Regulate Physical Activity Scale: Exploring the Factor Structure, Temporal Invariance, and External Validity in a Latent Variable Framework. *Measurement in Physical Education and Exercise Science*, 1–17. <https://doi.org/10.1080/1091367X.2023.2218837>
- Myers, N. D., Prilleltensky, I., McMahon, A., Brincks, A. M., Lee, S., Prilleltensky, O. & **Bateman, A. G.** (2023). Mechanisms by which the fun for wellness intervention may promote subjective well-being in adults with obesity: A reanalysis using baseline target moderation. *Prevention science*, 24(2), 286–298. <https://doi.org/10.1007/s1121-021-01274-z>
- Wekesser, M., Erickson, K., **Bateman, A. G.**, Langdon, J. L., Maier, K. S., & Myers, N. D. (2023). Initial Validity Evidence for the Youth Interpersonal Behaviors Questionnaire in Sport (Y-IBQ). *Measurement in Physical Education and Exercise Science*, 1-20. <https://doi.org/10.1080/1091367X.2023.2232772>
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- Tracey, A. J., **Bateman, A. G.**, Baez, S. E., & Covassin, T. (2023). Effectiveness of interventions for the improvement of mental health and well-being post-concussion: a systematic review. *Brain injury*, 1-24. <https://doi.org/10.1080/02699052.2023.2219901>
- **Beckford, O.**, & Hutton, D. (2022). Teaching from the postmodern edge: The intersection of education and cultural studies in the contemporary Caribbean. *International Journal of Sociology and Anthropology*, 14(4), 66–74.
- Bateman, C. J., **Bowie, J.**, Coley, T., Abel, W., & Mitchell, G. (2022). Factors of Self-Regulation and Substance use among Jamaican Adolescents: Does the Quality of Parent-Child Relationship Play a Role?. *Caribbean Journal of Psychology*, 14(1), 113-138. DOI: 10.37234/CJP.2022.1401. A005
- **Latibeaudiere, S.**, Mariner, M. & Riley, M. (2022). Re-imagining outreach programs to reduce social isolation among older adults. *National Association of Social Work (NASW)-New York City (NYC) Currents Newsletter*.
- Bailey, A., Pschetz, L., Wilson, M., Hubmann, M., Rankin, J., Johnson-Coke, Y., Enright, J., Jakubiak, S., Buchanan, L., **Latibeaudiere, S.**, Morgan, E., Heneghan, M., & Lyew Ayee, P. (2022). Exploring Notions of Resilience and Adaptability in the Context of Piloting a Mobile App for Risk Awareness During Covid-19. In: Zheng, Y., Abbott, P., Robles-Flores, J.A. (eds) *Freedom*

and Social Inclusion in a Connected World. ICT4D 2022. IFIP Advances in Information and Communication Technology, vol 657. Springer, Cham. https://doi.org/10.1007/978-3-031-19429-0_20 https://link.springer.com/chapter/10.1007/978-3-031-19429-0_20

- **Latibeaudiere S.** (2022). *Nothing About Us Without Us: A critical perspective on the Jamaica Disabilities Act 2014*. *Journal of Law, Governance & Society*, Volume 5 & 6, pp 3–11. Kingston, Jamaica: The University of the West Indies Press
- **Mason, G.E.** (2022). *Adolescent experiences with dating violence in relation to virginity status: Findings from a Jamaican sample*. *Violence and Victims*. <https://doi.org/10.1891/VV-2021-0230>
- **McFarlane, T.A.** (March 2023). *Resisting Stigma in US Higher Education: Positive Marginality among Caribbean-Born Women*. *Caribbean Quarterly*, 69:1, 70–91. <https://doi.org/10.1080/00086495.2023.2194208>
- **Rogers, T., Baker, PA** (2023) Eds. *Caribbean Journal of Social Work*, Vol 15.
- **Rogers, T** (2023) Editorial: “COVID-19: Challenges, Opportunities & Innovations for Social Work”, *Caribbean Journal of Social Work*, Vol 15 pp v–ix

NON-REFEREED

Technical Reports

- **Gayle, H.** (2022). Character Education Diagnostic Study. Ministry of Education, Youth and Information, Government of Jamaica.
- Khondker, B, H., **John-Aloye, S.**, Hesse-Bayne, L, N. O. (March, 2023). National study on the economic costs of violence against women and girls in Jamaica. Prepared for UN Women

PUBLICATIONS IN NON-PRINT/MULTIMEDIA

- **Dr. Samantha John-Aloye** along with 5 other colleagues produced the latest ECLAC publication “Addressing gender disparities in education and employment: a necessary step for achieving sustainable development in the Caribbean”. See A. Abdulkadri et al, 2022.
- Archer, K., James, S., & **McKenzie, S.E.** (*Alphabetical listing*). (5/2023). Ladekoju Position Paper: A Model for Restorative Communal Engagement of sacred artifacts. Ladekoju Arts and Culture Foundation, pp. 1–9. <https://ladekoju.foundation/ladekoju-position-paper/>

CONFERENCES/WORKSHOPS

- **Barnett, M.** CSA (Caribbean Studies Association) presented a paper entitled: 'St Croix, vs Virgin Islands as a contesting Caribbean Cultural Space to Jamaica for Rastafari inspired Roots Reggae Music' at the 2023 Conference in St Croix, US Virgin Islands, (June 8, 2023) 9 pages.
- **Barnett, M.** Paper entitled: 'The Case for Reparations and Reparatory Justice for Africans Globally' at the PANAFEST – Pan-African Colloquium in Cape Coast, Ghana, (July 26 2023) 8 pages
- **Bowie Dean, J.** 'Mental Wellness.' Invited Guest Speaker for Health Connect Jamaica's Employee Mental Health Seminar Hosted by USAID and Health Connect Jamaica. (May 22, 2023), 27 slides.
- **Bowie Dean, J.** (October 11, 2022). *Overcoming Impostor Syndrome through Improving Wellbeing*. Invited Panellist for the Mona Library Health and Wellness Committee's Online Webinar on Overcoming Impostor Syndrome. Hosted by the Mona Library Health and Wellness Committee (LHEWCO).
- **Elliott-Rattray, A.** "Cost of Caring: In the realm of the abyss". Child Protection and Family Services Agency. (April 27, 2023) 18 slides
- **Elliott-Rattray, A.** Trauma Focused Teaching Seminar. Faculty of Social Sciences. (October 27, 2023) 15 slides
- **Gayle, H.** Violence and Vulnerable Groups in Jamaica. Open Society Foundation, USA. (September 21, 2022)
- **Gayle, H.** Gender and Development: Those Below the Radar. US Embassy in Jamaica. (September 23, 2022)
- **Gayle, H.** Status of Violence in Jamaica: The Problem of Arms. Meeting with the Minister of State for the Armed Forces and Veterans, the Right Honourable James Heapey, UK; Foreign, Commonwealth and Development Office, British High Commission, Jamaica. (September 27, 2022)
- **Gayle, H.** The JCC Tariff and Port Users Committee 21st Annual Customs Seminar. "Reducing Violence in Jamaica: The Way Forward." (September 29, 2022)
- **Gayle, H.** Presenter. UWI, St. Augustine Conference Gun-related Violence and Criminal Homicide in Caribbean Societies: "Ontological Security and Gun-related Violence in Jamaica." (September 29, 2022)
- **Gayle, H.** Addressing the Most Vulnerable. UK Development Directorate, Foreign, Commonwealth and Development Office, British High Commission, Jamaica. (October 6, 2022)
- **Gayle, H..** The US as Jamaica's Core International Development Partner (IDP) with USA Ambassador, US Embassy. (October 26, 2022)

- **Gayle. H..** USA Round Table Discussion on the Status of LGBT Safety in Jamaica, US Embassy, Jamaica. (November 14, 2022)
- **Gayle. H..** Gangs in Schools in Jamaica: What Not to Do, and a Few Things We can Do. JCF Police Commissioners' Office. (November 16, 2022)
- **Gayle. H..** The Role of International Development Partners in Assisting with Violence Reduction in Jamaica. Partners of the Americas (POA) and USAID. (November 22, 2022)
- **Gayle. H.** March 17, 2023. Dealing with At-risk Youth. HEART/NTA. Cardiff Hotel, St. Ann. (March 17, 2023)
- **Gayle. H.** April 6, 2023. Tourism and Violence in Jamaica. OSAC. Montego Bay Convention Centre, St. James, Jamaica. (April 6, 2023)
- **Gayle. H.** Violence in Schools in Jamaica. Breakfast Solution Meeting of the Anglican Church, Jamaica.(May 31, 2023)
- **Gayle. H.** Rule of Law in Jamaica: The Position of Inner-City Youth. OSAC, USA Embassy in Jamaica. (June 7, 2023).
- **James, C.** Socio Cultural factors in treating patients from English Speaking Caribbean. International Association for Eating Disorder Professionals-IAEDP (2023), 67 slides .
- **James, C.** The relevance of the socio-cultural: What you need to know when treating patients from English-speaking Caribbean. Galen Hope, Florida (2023), 61 slides.
- **Martin, C and James, C.** Race and Culture: Adding Hue to Western Biomedicine. National Alliance for Eating Disorders. Live interactive webinar. (2023) 40 slides
- **John-Aloye, S..** 'Conceptual Framework for Population data appreciation in the Caribbean.' Presented at SALISES 24th Annual Conference (Trinidad and Tobago), St. Augustine, (May 3–5, 2023), 17 slides.
- **Latibeaudiere, S.** "Balancing family, work and caring for ageing parents.' Presentation at FSS Seminar, (March 23, 2023) 13 slides
- **McKenzie, S.E.** "Mental wellness and self-care." Jamaica Organization of NJ. Remote chapter meeting. (March 12, 2022). 11 slides
- **McKenzie, S.E. & Williams, C.** Ageing is not a disease. Media appearance on Love 101 FM Jamaica: Family Time. Hosted by Roland Gayle. https://www.youtube.com/watch?v=a9-oyzL6XjU&list=RDCMUcFbJKgQUJDrWQPHn_eAVWiw&start_radio=1&rv=a9-oyzL6XjU&t=1. (March 6, 2023), oral presentation
- **McKenzie, S.E.** "Navigating Integrity in the Golden Years Whilst Avoiding the Pitfalls of Despair" Department of Medical Social Work and the University Hospital of the West Indies Inaugural Symposium. (March 28, 2023), 37 Slides

- **McKenzie, S.E.** Recreational Therapy for Older Adults. Media appearance on Golden Designs Conversations. Hosted by Shelly-Ann Thompson. <https://www.youtube.com/watch?v=wZ7weLTkTL8&list=PLBNbKEbBwgZKwBgDC11qX-Hi6paNleLr s6&index=4>. (June, 2022), oral presentation
- **McKenzie, S.E.** Celebrating Kettiti: A spiritual guide. The Source Farm News. <https://www.thesourcefarm.com/news>. (July, 2022), oral presentation
- **McKenzie, S.E.** Raising awareness of dementia and Alzheimer's. Media appearance on Rootsology Live Roots 96.1 FM Jamaica. Hosted by Denise Isis Miller. <https://www.youtube.com/watch?v=u9Sb-XX6Rps&list=PLBNbKEbBwgZKwBgDC11qX-Hi6paNleLrs6&index=3>. (Sept, 2022), oral presentation
- **McKenzie, S.E., & Stavola-Daly, F.** (2022). "Recreational Therapy/Activities Services during COVID-19: Perception of Staff on Effectiveness." Virtual. NJE-PATR Annual Conference. (Nov. 7–8, 2022), 27 slides
- **McKenzie, S.E.** "Eating healthy on a limited budget." The Women's Resource Center Senior Day Program, Kingston, Jamaica. (December 12, 2022). 10 slides
- **Obermuller, LJ** "Postcolonial complexities: Black Germans in Jamaica." (Invited and paid by the city of Koln). Koln, Germany. (August 29, 2022) 49 slides

POSTER PRESENTATION

- **Bateman, A.G.,** Myers, N. D., McMahon, A., Prilleltensky, I., Lee, S., Prilleltensky, O., Pfeiffer, K. A., & Brincks, A. M. *Measurement of Physical Activity Self-Efficacy in Adults with Obesity: A Latent Variable Approach to Explore Dimensionality, Temporal Invariance, and External Validity* [Poster presentation]. North American Society for the Psychology of Sport and Physical Activity, Kona, Hawaii. (2022, June).
- Ricketts, C., Malet L., Bateman, A., & **James Bateman, C.** *The Sport Body: An Examination of Positive Body Image, Psychological Well-being, and Sport Performance.* AASP 37th Annual Conference, Fort Worth, TX. (2022, October 27).
- **Bateman, A. G.,** Myers, N. D., Feltz, D., Pfeiffer, K. A., Kelly, K., Smith, A. L., ... & Brincks, A. M. *The Self-Efficacy to Regulate Physical Activity Scale: Exploring the Factor Structure, Temporal Invariance, and External Validity in a Latent Variable Framework.* [Poster presentation]. North American Society for the Psychology of Sport and Physical Activity, Toronto, Canada. (2023).

SELECTED PUBLIC LECTURES

Gayle, H. Police and Family Life. St. Catherine Police Division. (August 20, 2022)

- **Gayle, H.** Presenter. Sagicor women: "Neurobiological and Social Dimensions of Masculinity." (August 25, 2022)

- **Gayle, H.** (August 25, 2022). Neurobiological and Social Dimensions of Masculinity. Sagicor Lecture Series.
- **Gayle, H.** Presenter. Sagicor men: “Sexual Limitations and Confusions within Masculinity.” (August 30, 2022).
- **Gayle, H.** (August 30, 2022). Sexual Limitations and Confusions within the Parameters of Masculinity. Sagicor Lecture Series.
- **Gayle, H. Presenter.** New York. “Addressing the Plight of the Poorest Jamaicans.” Open Society Foundation, (September 21, 2022)
- **Gayle, H.** Presenter. International Narcotics and Law Enforcement (US-INL). “Scamming and Drug Trafficking in Jamaica.” (September 23, 2022)
- **Gayle, H.** (September 29, 2022). Ontological Security and Gun Related Violence in Jamaica. Jamaica Defence Force Lecture.
- **Gayle, H.** (September 29, 2022). Social Violence in Jamaica and the Role of Customs. The Jamaica Customs Tariff and Port Annual Lecture.
- **Gayle, H.** (October 19, 2022). What Women Want and Need from Men. Sagicor Lecture Series, Jamaica.
- **Gayle, H.** (October 27, 2022). Excellence through Adversity. University of Technology Science Department Public Lecture.
- **Gayle, H.** (November 30, 2022) Jamaica as the Murder Capital of the World: How to Change this Status. The United Church of Jamaica. Lucea United Church, Hanover, Jamaica.
- **Gayle, H.** (February 7, 2023) Community Violence in Jamaica. How we Get Involved to Solve it. Mona Social Services Public Lecture in August Town.
- **Gayle, H.** (March 1, 2023) The Impact of Violence on Youth: The Role of NGOs in Addressing the Root Causes. CVSS (Council of Voluntary Social Services), Jamaica.
- **Gayle, H.** (March 4, 2023) How the Moravian and other Male Church Groups can help to Change the trajectory of boys at Covenant Moravian Church, Kingston
- **James Bateman, C.** (2022) Lecture, Adolescent and substance use, what we need to know. Department of Public Health and Psychiatry
- **James Bateman, C** (2023). Are you ready to rise and mentally rooted. Annual Administrative Professional Day. The University of the West Indies, Mona
- **Johnson, R.** (January 2023) Stressed Out? Discover the Roadmap for Academic Mastery. Faculty of Social Sciences, UWI, Mona, Kingston, Jamaica.
- **Johnson, R.** (April 2023) Overcoming Stress: Discover the Roadmap for Academic Mastery. Faculty of Social Sciences, UWI, Mona, Kingston, Jamaica.
- **Latibeaudiere, S.** (November 23, 2022 & February 25, 2023) From child to caregiver – The journey of parenting your parent. Panelist at JN Circle Life Class Workshops.

- **Latibeaudiere, S.** (March 28, 2023) Caring for the caregiver: Lessons on burn-out. Presentation at World Social Work Day Symposium, UHWI, Dept. of Medical Social Work.
- **Latibeaudiere, S.** (April 26, 2023) Navigating AI and education, 3rd Annual Rickert Allen Memorial Lecture, (online)
- **McLean-Cooke, W** (September 22, 2022) “Gatekeeping in the families of Jamaican men who parent their partners’ children”, presented to undergraduate students in a course on modern families at the University of Maryland, College Park, (virtual presentation).
- **McKenzie, S.E.** (2023). “*Self-Care.*” University of the West Indies Social Work Practicum Supervisions’ Seminar

PUBLIC SERVICE

Bateman, Andre

- National Powerlifting Association of Jamaica – Member, 2022–Present
- Jamaica Baptist Union, Consulting Psychologist, 2022–Present
- The University Council of Jamaica – Committee Member, 2022–Present
- Student Representative, Search Committee: Kinesiology Psychosocial Tenure-track Position, MSU – 2021–2022
- Faculty Advisory Committee Chair, Kinesiology Graduate Student Organization, MSU – 2021–2022
- North American Society for the Psychology of Sport and Physical Activity (NASPPSA) – 201–Present
- Society of Behavioral Medicine (SBM) – 2023

Beckford, Orville

- Appointed Assistant Chief Examiner by the regional CXC for the subject Caribbean Studies 2022–2024.
- Appointed by the Minister of Education, Chairman of the Council of Community Colleges of Jamaica (CCCJ) from 2016–2019, and 2020–2023.
- Member of UWI MSS Board 2019–Present
- Member of the St Catherine Red Cross
- Researcher, Mona Commons Township Project: Academic year 2012/13–Present
- Appointed by the Mona Campus Principal as UWI representative on the University of Technology Council 2023–2025
- Appointed by the Mona Campus Principal as UWI representative on the board of the Edna Manley College of the Performing and Visual Arts 2023–2025

- Member of Fathers Incorporated
- Member of UWI MSS Board 2019–Present

Bowie Dean, J. (2022–2023)

- Committee Member – The University Council of Jamaica – Graduate Standards for Psychology.
- Member, Faculty of Social Sciences Graduate Sub-Committee

Burns, Shawna-Kae

- Project Lead/ Facilitator - REFOCUS Perpetrators Programme, Bureau of Gender Affairs. A project geared toward the rehabilitation of first-time domestic abusers in Jamaica.

Daley, Camille

- Co-founder and President – Sickle Cell Support Foundation of Jamaica (1992–present).
- Member – Caribbean Studies Association (CSA)
- Member – American Sociological Association (ASA)

Devonish, Julian

- Member of the Census Technical Steering Committee
- Trainer of Census takers and Census Supervisors for the 2022 Population and Housing Census of Jamaica.
- Reviewer of the Demographic Characteristics Chapter for the PIOJ's Survey of Living Conditions and Economic and Social Survey publications
- Member of the technical committee to develop a Multi-dimensional poverty index for Jamaica
- Member of the technical committee for the Jamaica Multiple Indicator Cluster Survey (MICS) 2022
- Reviewer for the Jamaica National Population and Sustainable Development Policy and the Programme of Action.
- Coordinator Population/Demography sub-unit in the Department

Elliott-Rattary, Arna

- Member of the Non-Communicable Disease Alcohol Sub-committee of the Ministry of Health and Wellness. National Council of Drug Abuse. 2023
- Member Red Cross

- Individual Member, International Federation of Social Workers (IFSW) 2016–present

Gayle, Herbert

- Chairman - National Council on Education
- Chairman, Fathers Incorporated
- Chairman, Children First Agency
- Commissioner, National Commission on Violence Prevention, Office of the Prime Minister
- Member, Character Education Taskforce Committee, Ministry of Education
- Member, USA Kingston Chapter, Overseas Security Advisory Council (OSAC)
- Member, Gender Advisory Council, Government of Jamaica

Gordon, Doreen

- Steering Committee Member of the Sustainable Rural and Agricultural Research Network
- Chair of the Extraction Sub-Committee, Sustainable Rural and Agricultural Research Network, SALISES,
- Committee Member Blue and John Crow Mountains Advisory
- Board Director – Jamaica Conservation and Development Trust

Hinds-Heron, Kimberley

- Board Member, Salvation Army School for the Blind and Visually Impaired
- Member, Family Life Ministries – For The Children, Foster Parent Training Committee
- Member, Jamaica Red Cross
- Northern Caribbean University Dept of Behavioural & Social Science
- Student Staff Liaison Committee
- Enhancing Student Learning Committee

James Bateman, Caryl

- Chair FSS–AQAC
- Chair Enhancing Student Learning Committee
- Chair Student/Staff Liaison
- Member African American Eating Disorder Professionals and People of Colour (AAEDP-POC)

- Member Jamaica Psychological Association
- Member International Association for Eating Disorders Professionals
- Former Chair/Member International Association for Eating Disorders Professionals – International Chapter

Johnson, Rose

- Committee Chair, Standards for the Master's Degrees in Psychology Specialties and Professional Counselling, University Council of Jamaica (2018–present).

Latibaudiere, Sandra

- Director – Alzheimer's Jamaica
- Member – Woman The Jamaica
- Member – Association of Social Workers (JASW) Incorporated
- Board Member – Journal of Social Work Education

Mason, Gillian

- Member Woman, Inc. (2006–present)
- Member Public Education, Legal Reform committees
- Member (2018–2022) Psychology Graduate Programmes' Standards Committee
- The University Council of Jamaica
- Member Society for Community Research and Action (2003–2006; 2009–present)
- Member Caribbean Journal of Psychology Editorial Board, 2017
- FSS Representative, UWI (Mona) , Sexual Harassment Complaints Committee (2020–present)
- Member, Mona Campus Research Ethics Committee (2011–present)
- Faculty Advisor, UWI Panoridim Steel Orchestra (2011–present)

McFarlane Tracy

- Principal Investigator, Work Addiction and Health in Jamaica
- *Consultant/Assessor, University Council of Jamaica*
- Reviewer & Committee Member, Caribbean Journal of Psychology
- Associate Dean, FSS Graduate Studies and Research August 1, 2023–2024
- Ad hoc reviewer *Caribbean Journal of Social Work* (2022–2023)

McKenzie, Sharon

- Liaison and Volunteer – Alzheimer’s Jamaica Community education and outreach/grant writing. <https://alzheimersjamaica.org/about-us>
- Board Member – Jamaica Organization of New Jersey. Volunteering with this organization planning and implementing activities throughout the state of NJ, and as Liaison for on-land activities in Jamaica. Have served in the capacity as Vice President and President. <https://jonj.org/union.php>
- Volunteer – The Source Farm Ecovillage, Ni Mala Wellness Center, *Program Administrator, Grant writer, Blog writer* <https://www.thesourcefarm.com/>
- Chair – Ladekoju Arts and Culture Foundation (*Board Member/Chair*). Fund Development and Restitution. Osogbo, Nigeria. <https://ladekoju.foundation/our-board/>
- Member – Dementia Action Alliance’s Optimizing Well-Being Workgroup <https://daanow.org/category/optimizing-well-being/>

Mitchell, Rashalee

- Board member – Director of Public Relations – Rotary Club of Portmore July 2022 to June 2023
- Caribbean Sociological Association Secretary change year to 2021–2022
- Member of Caribbean Sociological Association since inception in March 2020
- Member Rotary Club of Portmore since 2011
- Director Public Relations Rotary Club of Portmore 2022–2023
- Member International Sociological Association (ISA) since 2014
- Treasurer of the Caribbean Sociological Association June 2021–June 2022
- Secretary of the Caribbean Sociological Association June 2021–June 2022
- Member of the Planning Institute of Jamaica’s (PIOJ) National Poverty Reduction Program Committee since June 2019
- Member of the Psychosocial and Human Capital Development Working Group which is sub-committee Planning Institute of Jamaica’s (PIOJ) National Poverty Reduction Program Committee since November 2019.

Morgan, Sophia

- Advisory Board Member, Change from Within Programme (2016–Present)
- Board Member, Psychological Mastery and Wellness Limited (2015–Present)
- Conduct Staff Development Workshops at several primary and high schools in Jamaica (2012–Present)

Obermuller, Laura-Jan

- Member, American Anthropological Association.
- Member, Caribbean Studies Association (CSA).
- Associate, Centre for Cosmopolitan Studies (CCS).
- Member, Royal Geographical Society (RGS).
- Member, Graduate Women International (GWI).

Priestley, Sharon

- Board Member of the Jamaica Council for Persons with Disability and chair of the IT and Records Management committee.
- Member of the Census 2022 Technical Oversight Committee
- Member of the Technical Review Committee for the 2021 Reproductive Health Survey
- Reviewer of the Demographic Characteristics Chapter for the PIOJ's Survey of Living Conditions and Economic and Social Survey publications.

Rogers, Tracie

- Member of the Pan African Mental Health Research Network, which is coordinated by Nottingham Trent University in the UK.

Simpson, Joanna

- Member, Transformational Research Committee, School of Education, Humanities and Education, University of the West Indies and Operation Save Jamaica.
- Director, Ramsay Foundation, Jamaican Philanthropic Organization
- Member Crime Prevention and Offender Management Research Cluster

Taylor, Orville

- Member National Commission on Parliamentary Dress Code
- Resource Personnel Sprintec Track Club
- Patron Taylor House, St Patrick's Primary
- Host Hotline on RJR94FM
- Gleaner Columnist

Wilson-Scott, Shakeisha

- External Examiner Council of Community Colleges
- Core Member Caribbean Research Methodologies



MONA SCHOOL OF BUSINESS AND MANAGEMENT (MSBM)

Dr David McBean, BSc Hon., D.Phil Engineering Sciences, *Univ. of Oxford*
– Executive Director

WORK OF THE DEPARTMENT/SCHOOL

The Mona School of Business and Management like the rest of the University returned to face-to-face delivery for the 2022/2023 academic. There were challenges in readjusting to this delivery mode for our staff and students alike. Our staff however, remained committed and we got to the other side.

This marked the 10th anniversary of the merger of 10 years since the merger of the Department of Management Studies (DOMS) and the Mona School of Business (MSB) to form Mona School of Business and Management (MSBM). This milestone was celebrated with a number of events including: the launch of the newly designed website, the inaugural James Moss-Solomon lecture, the MSBM 10th Anniversary church service, securities seminar, staff awards and luncheon and the celebration culminated with the MSBM 10th Anniversary Gala and Awards.

The School also embarked on an initiative to review the curriculum for several programmes. The review of the Bachelor of Science in Human Resources Management at the undergraduate level and the Master of Science in Marketing & Data Analytics at the post graduate level. Both curriculum reviews were approved by the respective committees.

I wish to thank the members of the Board and our faculty and staff whose continued commitment and support have been significant towards the progress that we have made this year under extremely trying circumstances.

ACCESS

STUDENTS

Mona School of Business and Management (MSBM) like the rest of the University returned to face-to-face delivery following the COVID pandemic. The School wel-

comed hundreds of new graduate and undergraduate students for the academic year 2022/2023 in virtual and face-to-face orientation sessions held over the period August 8–31, 2022.

Other efforts to support the development students:

After a two year break as a result of the pandemic, the UWIVC Winners tour took place August 9–14, 2022. Accompanied by Ms Tamra Thomas, UWIVC Programme Coordinator, two teams Preto Ouro and Rush Alert represented by Dr. Leighton Ellis and Mr. Marvin Richards respectively participated. Dr. Ellis is currently a Lecturer in the faculty of Engineering and also the third place winner of the 2021 UWIVC. Mr. Marvin Richards is a former finalist of the UWIVC as well as a serial entrepreneur and Managing Director of Rush Alert.

The Vincent HoSang Entrepreneurship Programme's 'Business Founders' Webinar Series was launched on August 25 2022. The first event of the series featured Lifespan CEO, Mrs. Nayanna Williams. The purpose of the Founders Series is to introduce students/faculty to local Entrepreneurs who actually started their business from the ground up. Those persons who assumed all the risk from the beginning and had the inherent vision that they would develop a successful business one day

The 2022–23 UWI Venture Competition saw eight bright undergraduate teams making it to the finals which took place on Friday January 27. After all the presentations were made and scores tabulated, three teams emerged as the top winners representing various faculties within the University. First Place winner 'All About Scholarships' is represented by Delmar Squire from the Faculty of Medical Sciences and Keneisha Henry from the Faculty of Science and Technology; Second Place winner 'Kinky Glide' represented by Jevaughn Smith, hails from the Faculty of Social Sciences and 'Dannatinos' the third place winner represented by Tina Geddes, comes from the Faculty of Humanities and Education. This year's Judges which included Mrs Sandra Glasgow, Ms. Kimala Bennet, Mr. Wayne Sutherland and Mrs. Dianna Blake-Bennett, were so impressed by the presentations that they offered one outstanding team an additional J\$100,000.00 cash prize from the Judges. In addition, the top three teams secured a US\$3,000.00 Scholarship each, to participate in the RevUp Caribbean Programme.

Mona School of Business and Management on behalf of the Faculty of Social Sciences hosted a town hall meeting with members of the board of trustees for the American Foundation for UWI (AFUWI). The event was held in the Executive Lecture Theatre Friday, October 7, 2022 at 11:00am and over 95 students were in attendance. The members of the board of trustee included: Mr. George Willie, Mrs. Lorna Hawthorne, Ms. Lyenda Simpson Delp, Dr. Hazel Carter, Mr. Omar Hawthorne – and Mr. Wayne Melbourne.

Doctorate in Business Administration (DBA) student Andrew Edie, was successful in his Examinations and Proposal Defence in the period under review. His thesis was entitled: *Succession and Finance in Family Business: Exploring how Jamaican Family Businesses' Access to and Sources of Financing Change over Time with Approaching Succession*

PUBLICATIONS

Books & Monographs

- **Donalds, Charlette**, C. Barclay and K-M. Osei-Bryson (2022). "Cybercrime and Cybersecurity in the Global South: Concepts, Strategies and Frameworks for Greater Resilience". Routledge. ISBN 9780367464318.
- Jones, Lorna & **Minto-Coy, Indianna D.** & Elo, Maria 2023. "The socio-economic impact of transnational diaspora entrepreneurship: an investigation of UK-based African Caribbean entrepreneurial diaspora on the Caribbean," Chapters, in: Rolf Sternberg & Maria Elo & Jonathan Levie & José E. Amorós (ed.), Research Handbook on Transnational Diaspora Entrepreneurship, chapter 9, pages 177–207, Edward Elgar Publishing.
- Medine, Ambica and **Minto-Coy, Indianna**, 2023 Social Entrepreneurship Strategies and Social Sector Sustainability: A Caribbean Context. Cham: Palgrave MacMillan.
- **McLeod, M., Dodds, R.** and Butler, R. (2022). Island Tourism Sustainability and Resiliency. Oxon, UK: Routledge.

Book Chapters

- Gomez-Valencia, M, Vargas, C., Gonzalez-Perez, M.A., **Minto-Coy, I.**, Cordova, C., Nava-Aguirre, K.M., Monje-Cueto, F., Calixto Casnici, C.V., and Coronado, F. (2022). "Looking Back to Look Forward: Learnings from the Past to Achieve Sustainable Recovery after Upcoming Global Crises". In Regenerative and Sustainable Futures for Latin America and the Caribbean, Maria Alejandra Gonzalez-Perez (Ed.). Bingley, UK: Emerald, pp 21–64.
- Jones, Lorna & **Minto-Coy, Indianna D.** & Elo, Maria 2023. "*The socio-economic impact of transnational diaspora entrepreneurship: an investigation of UK-based African Caribbean entrepreneurial diaspora on the Caribbean*," Chapters, in: Rolf Sternberg & Maria Elo & Jonathan Levie & José E. Amorós (ed.), Research Handbook on Transnational Diaspora Entrepreneurship, chapter 9, pages 177–207, Edward Elgar Publishing.
- **McLeod, M.** and Séraphin, H. (2022) "Tourism, co-location and networking: A Haitian contemporary crisis and future prospects. In Korstanje, Séraphin,

Maingi, Tourism through Troubled Times: Challenges and opportunities of the tourism industry in 21st century". UK: Emerald.

- **McLeod, M.** (2022). "Tourism destination recovery: a case study of Grand Bahama Island". In Bethel-Bennett, Rolle, Minnis, and Okumus (Eds.), *Pandemics, Disasters, Sustainability, Tourism*. UK: Emerald.
- **McLeod, M.** (2022). "Resilience building Caribbean tourism". In Sinclair-Margh. *The Dynamics of Caribbean Tourism: Opportunities, Challenges and a Re-imagined Future*. Jamaica: University of Technology, Jamaica Press.
- **Minto-Coy, I.D.,** Hoilett, A., Claudius, T., and Lambert, L., (2022). "Sustainable Futures for Jamaica: Policies and Actions for Socioeconomic Recovery Post-COVID-19". In *Regenerative and Sustainable Futures for Latin America and the Caribbean*, Maria Alejandra Gonzalez-Perez (Ed.). Bingley, UK: Emerald, pp. 187–208.

Refereed Journal Articles

- Walker, T., Rolle, S. and **McLeod, M.** (2023). "Yachting tourism contributions to the Caribbean social economy and environmental stewardship". *World Worldwide Hospitality and Tourism Themes*. 15(4), 422–430.
- **McLeod, M.,** Vaughan, R. Edwards, J. and Moital, M. (2022). "Knowledge sharing and innovation in open networks of tourism businesses". *International Journal of Contemporary Hospitality Management*. DOI: 10.1108/IJCHM-03-2022-0326.
- **Minto-Coy, I.D.,** (2023). "Diasporas, Location Choice and the Internationalisation of MNEs from LAC" March 31, 2023, Academy of International Business – Latin America and the Caribbean (AIB-LAC) Conference, "Navigating Pendular Changes in Latin America and the Caribbean: Adaptation and Agency in International Business", Sao Paulo, Brazil
- **Rao, L., McNaughton, M., &** Verma, S. (2023). Towards a Scalable Digital Skills Training Architecture for Resource-Constrained Environments: The Case of Ayiti Goes Global in Haiti. *Communications of the Association for Information Systems*, 52, 966–987. <https://doi.org/10.17705/1CAIS.05245>
- Vargas, C., Gomez-Valencia, M., Gonzalez-Perez, M.A., Cordova, M., Calixto Casnici, C. V., Monje-Cueto, F., Nava-Aguirre, K. M., **Minto-Coy, I.D.,** Coronado, F., (2022). "Climate-resilient and regenerative futures for Latin America and the Caribbean", *Futures*, Volume 142, 103014
- Vargas, C., Gomez-Valencia, M., Gonzalez-Perez, M.A., Cordova, M., Calixto Casnici, C. V., Monje-Cueto, F., Nava-Aguirre, K. M., **Minto-Coy, I.D.,** Coronado, F., (2022). ". "Multi-actor cooperation as a basis for climate action (SDG 13) and regenerative and sustainable development in Latin America and the Caribbean"

Non-Refereed

- **McLeod, M.** (2022). Island Destinations (warm-water). In Buhalis, D., (Ed.), *Encyclopedia of Tourism Management and Marketing*, Edward Elgar Publishing, Cheltenham.

MAJOR CONFERENCE(S)/ SEMINAR(S) ONLY:

- Sinclair-Maragh, G. and **McLeod, M.** (2023). “Intra-regional airline connections: a Caribbean identity perspective”. Postcolonial Airliners as Cultural Mediators Symposium. 21–22, June, 2023, Nova FCSH, Portugal. (34 pages)
- **McLeod, M.** (2023). “Developing island tourism resilience through a sustainability framework”, 8th Annual SECSA ICHRIE Conference, 10–11 March, 2023, Orlando, United States of America. (25 pages)

Non-Refereed Presentations

- McBean, D. (2022). “Harnessing Research & Innovation – S&T Policy and Investment for Economic Development”, Scientific Research Council Biennial Science and Technology
- McNaughton, M (2023). Speaker, Institute of Charter Accountants of Jamaica Annual IFRS Workshop 2023, January 27, 2023, on the topic: Digital Economy
- McNaughton, M (2023). Demonstrating the Power of Private Sector Data for Sustainable Development, on Tuesday, April 25th at the 2023 UN World Data Forum being held in Hangzhou, China
- McNaughton, M (2022). Speaker at the Association of Principals and Vice Principals 30th Anniversary Conference under the Theme: “Collaborating to Embrace the Challenges of the 21st Century”. Presentation: Succession Planning: A Long-Term Strategy for Effective School Leadership
- Minto-Coy, I., (2023) Panellist: “Female Latin and Caribbean leaders in Academia -Opportunities”, AIB-LAC, Sao Paulo, Brazil March 27–30,
- Minto-Coy, I., (2023) Moderator and Discussant: Opening Plenary, “Latin America’s Old and New Challenges”. Panel: Professor Denilde Oliveira Holzacker, Dean of Research and Graduate Programmes, ESPM, Brazil and Professor Maria Tereza Leme Fleury, President, Academy of International Business March 30, 2023
- Minto-Coy, I., (2022) Panellist: UN75+2 Symposium: “Migrant Spaces – Living Together And Co-Creativity In Community”, Nottingham Business School, Nottingham Trent University, November 25, 2022
- Minto-Coy, I., (2022) Invited Plenary Speaker, Presentation Title: “International Trailblazers – Recognising the Potential of Diaspora Entrepreneurs”. Confer-

ence Theme: Towards A New Agenda for Ethnic Minority Entrepreneurship Conference. Event; 26th Annual Ethnic Minority Business Conference. Hosted by the Centre for Research in Ethnic Minority Entrepreneurship (CREME), Aston University and supported by Lloyds Banking Group, UK

- Minto-Coy, I., (2022) Panellist: ID Minto-Coy: PUCP (Pontificia Universidad Católica del Perú), International Online Conference – August 20, 2022
- Minto-Coy, I. (2022). “Invited International Guest Lectures – International Business Graduate Programme:
- Minto-Coy, I., (2023). Invited Speaker: Invited Panel presentation: International Women’s Day March 8, 2023: “Gender Equality Today for a Sustainable Tomorrow”. GK Foods International Tea Talk. Panellists: Indianna Minto-Coy, Shelly-Ann Fraser-Pryce, OD, OJ and Tamara Thompson.
- Nicholson, L. (2022). Keynote Speaker, UWI Library Mentorship Programme
- Nicholson, L. (2022). Keynote Speaker, RJR Gleaner Communications Long Service Award
- Nicholson, L. (2022). Presented at the 12th Annual Conference of the Academy of International Business (AIB) – Latin America and the Caribbean Chapter (AIB-LAC), the title of his presentation was Ethnicity & Family Business Succession: The Case of Jamaica.
- Perue, C., (2023). Speaker, Annual General Meeting of the Library and Information Association of Jamaica: on the role that Library and Information Professionals can play in the digital transformation of Jamaica’s society and economy
- Perue, C., (2023) Speaker, Caribbean Broadcasting Union: on the efforts being made in Jamaica to address Digital, Media and Information Literacy.
- Perue, C., (2023) Speaker, “Building our STEM Workforce: Performance Challenges & Opportunities” highlighting the importance of a national industrial policy to guide the skills strategy. Panel Presentation at Mico University College STEAM Conference
- Perue, C., (2023) a keynote address titled “A Librarianship Business Model for the Knowledge Economy” to the largest library conference in the Caribbean. ACURIL 2023 Conference See <https://acurilconference.com>

ALIGNMENT

PUBLIC SERVICE

Mrs Marvalyn Campbell

- Appointed to the Women in Sport Commission of the Jamaica Olympic Association and the WBSC Americas Softball Women and Sport Commission

- Justice of the Peace

Dr Delroy Chevers

- Member, Caribbean Maritime Institute Council

Dr Anne Crick

- Director, Board of the JMMB Group of companies
- Chair, JMMB Corporate Governance Sub-Committee
- Member, JMMB Culture & Human Development Committee
- Deputy Chair, College of Insurance of Professional Studies (CIPS) Board and Chair
- Member, Campus Appointments Committee - Open Campus, UWI

Ms Shirley-Ann Eaton:

- Member of the Supervisory Committee under the Banking Services Act.
- Re-appointed to the Supervisory Committee under the Banking Services Act for a period of five (5) years effective August 21, 2021. The Notice of Appointment was issued by the Governor-General.

Ms Diane Edwards

- Chair, Chain of Hope Jamaica
- Director, GK Capital Management
- Director, Allied Insurance Brokers
- Director, Quadrant Homes Ltd.
- Chair, Lifespan Ltd.
- Director, FDI Intelligence's Editorial Advisory Board/Editorial Board

Ms Deborah Falconer

- Member, PSOJ Corporate Governance Index Review Committee

Dr Paulette Henry

- Director, Ideal Portfolio Services (Ideal Group)
- Advisor, Honey Bun Foundation – 2023 MSE Advisory Group

Dr K'Adamawe K'nife

- Team member: ESSEX Valley Consultancy, CDB
- Member, Board of Directors of the National Integrity Action.

- Member, Board of Directors, Ministry of Culture, Gender, Entertainment & Sport
- Member of the Jamaica Social Stock Exchange Selection Committee
- Member of the National Social Enterprise Steering Committee for Implementing the MSME Policy

Mrs Vanda Levy-McMillan

- Member, Meadowbrook High School Board
- Member, Jamaica Employer's Federation Conference Committee
- Member, Business & Management Standards Committee, University Council of Jamaica
- Assessor/Accreditation Officer, University Council of Jamaica

Dr David McBean

- Director, Jamaica Chamber of Commerce (JCC)
- Director, Sygnus Capital Limited
- Member, Development Bank of Jamaica (DBJ) – BIGEE Project Steering Committee (PSC)
- Co-Chair, Faculty of Social Sciences Innovation and Entrepreneurship Committee
- Member, Universal Media Company Limited
- Member, Mona-Tech Engineering
- Member of the Infrastructure and Technology Sub-Committee of the Jamaica Education Transformation Commission 2020.

Mr Ramon McLaren

- Member of the Board of Advisors
- Member, Vincent HoSang Entrepreneurial Programme Committee

Dr Michelle McLeod

- Member, Current Issues in Tourism
- Member, Journal of Destination Marketing and Management Social Sciences and Humanities Open Tourism Geographies Tourism

Dr Maurice McNaughton

- Chair, FSS ICT Steering Committee
- Chair, National Information Systems for Health (NIS4H) Steering Committee

- Member, Overseas Examination Commission (OEC) & Chair of Operations Committee
- Member, Victoria Mutual Building Society (VMBS) Board

Dr Indianna Minto-Coy:

- Director, GraceKennedy Limited
- Director, GraceKennedy Food & Services
- Director, GK Group Audit Committee;
- Director, GraceKennedy Remittance Services (GKRS)
- Member, Board University of Guyana Press
- Member, Board Transformation Journal (University of Guyana)
- Member (2018–present), Audit Committee, GraceKennedy Limited
- Member (2018–present), Corporate Governance Committee, GraceKennedy Limited
- Member (2021–present), Standing Audit Committee, GraceKennedy Food & Services
- Member (2017–present), Judging Panel, PSOJ/Ministry of Finance Public Sector Corporate Governance Awards Committee
- Editorial Board Member (2017–present), Transformation Journal, University of Guyana
- Editorial Board Member, University of Guyana Press
- Board Member, Diaspora Engagement Centre, University of Guyana
- Board Member, Academy of International Business – Latin America and the Caribbean
- Caribbean Countries Director, Academy of International Business – Latin America and the Caribbean, July 1, 2021–June 30, 2024
- Member, AIB-LAC 2023 Conference planning committee
- Steering Committee Member, Social Enterprise and Entrepreneurship Development Steering Committee, Trinidad & Tobago
- Steering Committee Member, Ministry of Finance /PSOJ Public Sector Corporate Governance Awards Judging Panel
- Associate Editor, Journal of Comparative International Management
- Associate Editor (Article): RAE-Revista de Administração de Empresas (Journal of Business Management)
- Brand Ambassador, Emerald Group Publishing
- Member, Transformation Journal Editorial Board

- Board Member, University of Guyana Press
- Country Investigator, GLOBE (Global Leadership and Organisational Behaviour Effectiveness), Beedie School of Business, Simon Fraser University, Canada
- Appointed Founding Member: Social Enterprise and Entrepreneurship Development Steering (SEEDS) Committee, Trinidad & Tobago
- Appointed member of the Public Relations/Publications Committee, WIGUT
- Track Co-Chair (2023), International Entrepreneurship & Family Business, 13th Conference of the AIB-LAC, March 29–31, 2023
- Local Host Chair, Academy of International Business-Latin America and the Caribbean, 14th Annual Conference, Kingston, Jamaica, March 20–22, 2024
- Editorial Board Member, Journal of International Business Policy
- Caribbean Countries Director, Board of the Academy of International Business – Latin America and the Caribbean as 2021–2024
- Research Affiliate, International Migration Research Centre, Wilfred Laurier University, Waterloo
- Member, Academy of International Business (AIB)
- Member, CEDIMES (Centre d’ Etudes du Développement International et des Mouvements Economiques et Sociaux)
- Country Co-Investigator, Global Leadership and Organizational Behaviour Effectiveness (GLOBE) research project. The project is being led out of the Beedie School of Business, Simon Fraser University, Canada with representation from over 141 countries. Succeeded in getting Jamaica placed among over 100 countries to be considered in the second Global Study.
- Co-Presenter: Workshop Presentation - March 16, 2023: UWI Cross-Campus Innovation and Entrepreneurship (I&E) Bootcamp. Topic “Financial Sustainability for Entrepreneurs”. UWI Cross-Campus Innovation and Entrepreneurship Bootcamp Workshop Series, School of Graduate Studies and Research, UWI
- Provided feedback on 5 Islands new MBA Programme, 2023
- Member (2022–present), Public Relations/Publications Committee, West Indies Group of University Teachers (WIGUT)
- Lead (2020–present), developed the Growth and Development Skills for Success (GLOSS) Seminar Series for the development of soft and life skills for MSBM Graduate students.
- Member and FSS Alternate (2019–present), University of the West Indies “Towards a More Entrepreneurial UWI” Cross-Campus Committee

Dr Lawrence Nicholson

- Deputy Chairman of the RJR-Gleaner Communications Group

- Chairman, RJR-Gleaner Communications Group, Broadcasting Board (TVJ, JNN, RETV + all radio stations in the group)
- Director, The Honey Bun Foundation
- Director/Co-chair, The Dominic James Foundation
- Board Member, Consultancy Sector Committee of the Public Procurement Commissioner (PPC)
- Vice Chair of the PTA, St Andrew High School for Girl for Girl
- Member (FSS representative) Campus Appointments Committee (Mona)
- Member – one of the representatives from Mona campus, Campus Appointments Committee (Five Islands)
- Member (Faculty) – Mona Campus representative, Academic Governance Sub-committee – Part of the Implementation Committee for the Chancellor's Commission on Governance

Mr Craig Perue

- President, Chartered Institute of Logistics & Transport, Caribbean Chapter

Dr Lila Rao

- Chair, Academic Quality Assurance Committee, Five Islands Campus
- Member, Five Islands Campus Council
- Member, Academic Board, Five Islands Campus
- Member, Academic Board, Mona Five Islands Campus
- Member, ICT Specialist Sector Committee, National Contracts Commission
- Member, Caribbean Global Data Barometer (GDB) Regional Hub
- Member, Editorial Board for the Journal of Global Information Technology Management.
- Member, Program Committee for WorldCist (World Conference on Information Systems and Technologies)
- Professional Member, Association for Computing Machinery (ACM)
- Member, Association of Information Systems (AIS).
- Member, Cross-Campus Working Group for the Strategic Approach to Artificial Intelligence at The UWI
- Member, Sub-Committee of Academic Board for Student Disciplinary Matters, Mona
- Appointed Chair of Campus Evaluation and Promotion Committee for Senior Admin Staff and Professional, Mona

- Appointed the GraceKennedy S. Carlton Alexander Chair in Management Studies (2023)

Mr Michael Roofe

- Director, Kingston Legal Aid Clinic and Chair of Finance Committee.

Dr Clive Scott

- Member, Good Agricultural Practices Technical Committee Bureau of Standards Jamaica.

Dr Trevor Smith

- Chairman, National Conservation Trust Fund of Jamaica (NCTFJ)

Ms Beienetch Watson

- Member, International Council on Hotel, Restaurant, and Institutional Education (ICHRIE)
- Affiliated member, Jamaica Hotel and Tourism Association (JHTA)
- Member, Community Tourism Policy Committee (Ministry of Tourism)

Mr Michael Williams

- Member, Jamaica Chamber of Commerce (JCC) Conference Committee Board

AGILITY

10TH ANNIVERSARY

The commemoration of the 10th anniversary of the merger of DOMS and MSB was marked on August 1, 2022 with a soft launch which included promotion on our website and social media as well as a video message from the Executive Director to staff. The ED's message was also shared with the wider UWI community, placed on the website and via social media. Activities are scheduled for the entire academic year.

MSBM Website Launched

The newly redesigned MBSM website was launched on September 5, 2022 at the beginning of the current academic year. The website redesign is a key component of the School's Digital Transformation agenda as the website is the digital gateway to the School and supports our engagement with stakeholders including; current

and prospective students, faculty, administrators, alumni as well as members of the Business community and the general public.

Jimmy Moss Solomon Memorial Lecture

The inaugural James Moss Solomon Memorial Lecture was held on November 30, 2022 and featured Don Wehby, CEO Grace Kennedy Group who spoke on the theme “From Local to Global: Challenges and Benefits for Caribbean Firms”. The event which brought together members of industry and academia was streamed live via the School’s YouTube channel. Grace Kennedy sponsored the cocktail reception which followed the lecture.

Church Service

The 10th anniversary church service is scheduled for Sunday, January 22, 2023 at the UWI Chapel. The liturgist will be Rev Neilson Waithe, Moravian Chaplain and the preacher will be the Bishop of Kingston, the Rt Rev, Garth Minott. The UWI Singers will present special music and members of the Aspiring Accountants Students club will be the ushers.

Securities Seminar

Securities Seminar – Mona School of Business and Management (MSBM) UWI, Mona, hosted a seminar under the theme “Understanding the framework of the Securities Industry” on Wednesday, March 1, 2023 from 9:00 a.m. to 12:00 p.m. at the Jamaica Pegasus Hotel. With VM Wealth as lead sponsor and in partnership with the Jamaica Chamber of Commerce and the Private Sector Organisation of Jamaica, this important seminar will explore the legal and regulatory framework of the securities sector, provide information on business models and investor risks, and provide information on types of compensation schemes.

The Governor of the Bank of Jamaica and recently appointed chair of the Financial Services Commission, Mr. Richard Byles will deliver special remarks followed by a series of presentations. The presenters include: Ms. Shirley-Ann Eaton, Attorney at Law, Unit Head, Finance & Accounting/Company Secretary, MSBM, Dr Twila-Mae Logan, Associate Clinical Professor of Finance, Chaplin School of Hospitality and Tourism Management, Florida International University, Ms. Antoinette McKain, CEO, Jamaica Deposit Insurance Corporation (JDIC), Mr Steven Gooden, President, Jamaica Securities Dealers Association.



SIR ARTHUR LEWIS INSTITUTE OF SOCIAL AND ECONOMIC STUDIES

Dr. Holger Henke, PhD – Director

OVERVIEW

The 2022/2023 academic year has been one of several transitions. Not only have we emerged from the worst of the COVID-19 pandemic, but SALISES also saw a change in its leadership. Following Professor Henry-Lee's promotion to the position of PVC for Graduate Studies and Research, Dr. Kevin Williams, Senior Research Fellow led the Institute on an interim basis. As of February 2023, Dr. Henke assumed the directorship of the Institute.

Despite the transitions, SALISES continued its mandate in research, scholarship, graduate student teaching, and policy advisement.

A number of achievements have to be noted. Dr. Dacia Leslie, received the UWI/ Guardian Life Premium Teaching Award, Dr. Kevin Williams received the Principal's Research Award 2022 for Best Publication (Article), and SALISES was conferred the Principal's Research Award 2022 for Research Project Attracting the Most Research Funds.

Our staff members produced numerous publications, technical reports, conference and webinar presentations, and represented SALISES in a variety of professional organizations and on numerous public boards. The Institute also projected its work by way of workshops and seminars (6). Two seminars were co-sponsored together with the Fulbright Association (NJ Chapter). SALISES outreach also extended to international researchers and students who used our Documentation Centre and Databank Unit to conduct research.

SALISES was engaged in renewing previous MoUs with the Institute for Development Studies (IDS) at Sussex University and with the Global Partnership Network (GPN) funded by the DAAD – German Academic Exchange Service and in collaboration with the University of Kassel.

I want to thank all members of the SALISES team – academic staff, unit leaders, administrative staff and our service staff – for their steadfast support during

the year and going forward. Together, one step forward at a time, with patience, persistence, and respect for the process and all participating in it, we look forward to strengthening the Institute, and its mandate to serve our students and the public by providing thought-leadership and policy-relevant information and guidance.

ACCESS

STUDENTS

Despite the decrease in postgraduate enrollment across the Campus, SALISES' marketing efforts resulted in 27 new registered students for the Online MSc in Development Studies programme for the 2022/2023 academic year. SALISES is also pleased to report that 22 students will be graduating in November 2023 of which 4 students will be awarded Distinction and 7, Merit.

Efforts to enhance teaching, learning and student development included:

- Introduction of a new course in *Gender and Human Trafficking* to be offered in the Online MSc in Development Studies;
- New linkage between SALISES and the Jamaica Tertiary Education Commission to obtain new micro-data sets on tertiary institutions in Jamaica;
- Introduction of Libguides, a content management tool designed to provide users with access to research materials;
- A two-day *Qualitative Data Analysis* workshop conducted for MPhil and PhD students;
- A presentation to graduate students at The UWI, Cave Hill Campus, on the topic of "Introduction to Journals."
- Coordinated information literacy training provided through collaboration with faculty and administrators to ensure that students received the requisite training to develop their literacy competencies, to ultimately produce better research papers.
- A new advisement service for students interested to enrol into our programs was rolled out and featured on the SALISES website.

PUBLICATIONS

Books and Monographs

- Pschetz, L., **Bailey, A.**, Rankin, J., Enright, J., & Wilson, M. (2022). "Designing with predictive models: Situating the Covid Aware app in Jamaica. In

(Morton, S. (ed.)) *Designing Interventions to Address Complex Societal Issues* (pp. 96–112). Routledge.

Refereed Journal Articles

- **Leslie, D.**, Falconer, K., Dormer, C., **White, T.** (2023). “Giving Critical Theoretical and Evaluation Practice Context to “Testing, Testing” in Jamaica.” *Evaluation Journal*. <https://journals.sagepub.com/doi/10.1177/13563890231184274>
- **Williams, K.** (2023). “The impact of trade on schooling over the last five decades in developing countries.” *The Journal of International Trade & Economic Development* access at <https://www.tandfonline.com/doi/full/10.1080/09638199.2023.2171476>
- **Williams, K.** (2023). “Does trade shape educational decisions? The role of initial schooling.” *Springer Link* access at: <https://link.springer.com/article/10.1007/s10644-023-09547>

Technical Reports

- **Dietrich Jones, N.** (2022) – Publication of Commissioned Policy Paper, Migration in Barbados: What do we know (<https://www.undp.org/latin-america/publications/migration-barbados-what-do-we-know>)
- **Johnson, S.** (2023). Towards understanding attrition among the Jamaican Tourism workers. Report prepared for the Tourism Enhancement Fund.
- Spencer-Ernandez, Edwards-Kerr, D., Meridith, M., J., **Johnson, S.** (2023). Model Special needs/Inclusive Education Policy and Strategy. Report prepared for the Caribbean Development Bank; Barbados (66 Pages).
- Spencer-Ernandez, Edwards-Kerr, D., Meridith, M., J., **Johnson, S.** (2023). SEN Model Policy for Seven Borrowing member countries. Report prepared for the Caribbean Development Bank; Barbados (398 Pages).
- Waller L., **Johnson, S.** (2022). Data Management and Social Intervention, the Citizen Security Plan. Report prepared for the Planning Institute of Jamaica and the Citizen Security Secretariat (147 Pages).
- Daley, G., **Johnson, S.**, Marshall, M. (2023). Industry Data Survey on the Global Services Sector in Jamaica. Report prepared for Jamaica Promotions (34 pages).
- Abdulkadri, A., Daley, G., **Johnson, S.**, Tourism Supply Chain Study of Jamaican Hospitality and Tourism Sector 2022. Report prepared for the Tourism Enhancement Fund (18 pages).

ALIGNMENT

PAPERS PRESENTED

- Baptiste, L., **Bailey, A.**, Gordon, V., & Nicholson, C. – “Has evaluation helped development and the development agenda: Some Caribbean perspectives.” International Development Evaluation Association (IDEAS) 2022 Conference and Global Assembly, September 27–29, 2022.
- **Bailey, A.** “Digital Technologies and Data Justice: Exploring Caribbean Implications.” 24th Annual SALISES Conference: 75 Years of Ideas, Innovation and Development Justice: The UWI, Caribbean and the Global Agenda, May 4, 2023 (oral presentation).
- **Bailey, A.**, Pschetz, L., Wilson, M., Glean, A. & Hutchinson, J. “CariCrop: Exploring Equitable Design Approaches for Mobile Platforms for Agricultural Development”, UWI and CIBC First Caribbean Research in Banking and Finance Business Forum, July 19, 2023 (UWITv Forum).
- **Dietrich Jones, N.** “The Phantom of size? Caribbean SIDS and the Global Agenda of Migrant Protection.” 24th Annual SALISES Conference: 75 Years of Ideas, Innovation and Development Justice: The UWI, Caribbean and the Global Agenda, May 4, 2023 (oral presentation).
- **Dietrich Jones, N.** “Disharmony in the Kingdom: Inequalities in refugee protection in Aruba and Curaçao,” 2023
- **Dietrich Jones, N.** “Post-colonial States and the Anthropocene: State-based policy options for Caribbean SIDS responding to climate change and disasters,” Development Studies Association Conference, University of Reading, June 28–30, 2023
- **Henke, H.** “Realignments in the global economy and implications for Caribbean political culture.” 24th Annual SALISES Conference: 75 Years of Ideas, Innovation and Development Justice: The UWI, Caribbean and the Global Agenda, May 3, 2023 (oral presentation).
- **Johnson, S.** “Human Security in the Americas, a comparative analysis of Jamaica and St. Vincent and the Grenadines.” 24th Annual SALISES Conference: 75 Years of Ideas, Innovation and Development Justice: The UWI, Caribbean and the Global Agenda, May 4, 2023 (oral presentation).
- **Leslie, D.** “The Viability of Mandatory Rehabilitation in Jamaican Prisons” Commonwealth Scholarship Commission United Kingdom, Development in Action Webinar Series, 29 November 2022 (oral presentation).
- **Leslie, D.** “Gendered Dimensions of Offender Reintegration: Evidence from

Jamaica.” The Commonwealth Science Conference Caribbean Follow-on Meeting by the Royal Society February 7–10, 2023 (oral presentation).

- **Leslie, D.** “When Women Return to Prison: Exploring the Dynamics of Female Recidivism in Jamaica,” 24th Annual SALISES Conference: 75 Years of Ideas, Innovation and Development Justice: The UWI, Caribbean and the Global Agenda, May 5, 2023 (oral presentation).
- **Leslie, D.** “The Future of MEAL in the Region: An Overview of the Main Challenges Identified During the Evaluation Week and the Way Forward towards a Regional MEAL Strategy,” Online Panel Discussion, gLocal Evaluation Week powered by Global Evaluation Initiative, Friday, June 2, 2023 (oral presentation).
- **Leslie, D.** “Historicising the Reintegration of Persons Deprived of Liberty: Trajectories and Transitions in Pre-and Post-Independence Jamaica,” Third International Conference on ‘Punishment in Global Peripheries,’ Tata Institute of Social Sciences, Mumbai, India, July 18, 2023 (oral presentation).
- **Northover, P.** “Caribbean Development and Food Futures: Fostering pathways Beyond Sacrifice Zones and Disaster.” 24th Annual SALISES Conference: 75 Years of Ideas, Innovation and Development Justice: The UWI, Caribbean and the Global Agenda, May 5, 2023 (oral presentation).
- **Northover, P.** “Reckoning for the Time of Slavery: The Call for Reparations against Dispossession, Debt and Unsustainable Development - Creating Alternative Modes of Development Cooperation for Food Sovereignty and Reparatory Justice, especially for Afro-Descendant Farmers, Global Partnership Network, Farmers Workshop/Webinar, September 29, 2022 (paper).
- **Northover, P.** “Global Forces and Equity in the Supply of Food: An Agenda for Just Food.” SALISES and CARDI Virtual Forum, November 25, 2022 (paper).
- **Williams, K.** “The impact of trade on schooling over the last five decades in developing countries.” 24th Annual SALISES Conference: 75 Years of Ideas, Innovation and Development Justice: The UWI, Caribbean and the Global Agenda, May 5, 2023 (oral presentation).

PUBLIC SERVICE

Arlene Bailey, PhD

- Associate Editor, Editorial Board of Information Technology for Development (published by Taylor & Francis / Commonwealth Secretariat)
- Member, Jamaica Census 2021 Steering Committee
- UWI Representative, National Agenda 2030 Oversight Committee
- Member, Data and Monitoring Sub-Committee, National Agenda 2030 Oversight Committee

- Member, Planning Institute of Jamaica Voluntary National Review Panel for the High Level Political Forum on SDG progress
- Co-Chair, 14th Annual Association for Information Systems Special Interest Group on ICTs and Global Development Pre-ICIS Workshop 2022

Natalie Dietrich Jones, PhD

- Member, National Working Group on Migration and International Development, coordinated by the Planning Institute of Jamaica.
- Member, Steering Committee, Jamaican Diaspora Engagement Model for Development (JAMDEM)
- Member, International Refugee Assistance Project (IRAP) Climate Displacement Working Group

Kara Harris, L.E.C, MSc

- Chairman, Board, Rosedale Basic School
- Member, The Jamaican Bar Association Continuing Legal Education Committee

Holger Henke, PhD

- Lifetime Member, Caribbean Studies Association (CSA)
- Advisory Board Member, Caribbean Conjunctures: The Caribbean Studies Association (CSA) Journal
- Member, Fulbright Association (New Jersey chapter), Board of Directors
- Fellow, Caribbean Policy Consortium

Stephen Johnson, PhD

- SALISES Representative on the UNDP's Ready Set Great Steering Committee.
- Country expert for Variety of Democracy Global project

Richard Leach, MSc

- Member of the IT & Records Management Committee – Jamaica Council for Persons with Disabilities (JCPD)
- Member of Steering Committee – Jamaica Survey of Living Conditions
- Member of Steering Committee – Jamaica Census 2022

Dacia Leslie, PhD

- Member, Expert International Corrections & Prisons Association Delphi Panel, Round 1&2: Identifying best practice to achieve effective post-incarceration rehabilitation and reintegration in an optimal integrated multi-agency Through-care model using a modified e-'Delphi' technique

- Peer-Reviewer, *International Journal of Bahamian Studies*
- Peer-Reviewer, *Island Studies Journal*
- Member, Editorial Board *Caribbean Journal of Criminology*
- Member, PIOJ's Technical Oversight Committee for the Process Evaluation of the National Poverty Reduction Programme Consultancy
- Member, Child Protection & Family Services Agency's Child Protection Early Warning System Technical Oversight Committee
- Technical Secretary & Chair of the Juvenile Correctional Standards Working Group, Bureau of Standard Jamaica's, Correctional Services Technical Committee
- Member, Committee to assess the role of the Anglican Church in Jamaica in operating Children's Homes

Nadine Newman, MA

- Board Member, Caribbean Library Journal
- Chairman, Kiwanis Club of New Kingston
- Member, Library and Information Association of Jamaica (LIAJA)
- Member, American Library Association (ALA)
- Member, Socio-Economic Information Network (SECIN)

Patricia Northover, PhD

- Member, International Steering Committee and Academic Board of the Global Partnership
- Member, Planning Institute of Jamaica: Voluntary National Review Panel for the High Level Political Forum on SDG progress
- Associate Editor, *Cultural Dynamics: Insurgent Scholarship on Culture, Politics and Power*
- Membership in the International Network of Scholars and Activists for Afrikan Reparations- INOSAAR
- Membership GOSSI-Open Seeds Network; Global Coalition of Open Source Seed Initiatives
- Member, Expert Advisory Committee for the CRITICAL Phase 2 Project, on Food Heritage and Nature for climate resilience, University of Edinburgh

Thelma White, MA

- Member, Library and Information Association of Jamaica (LIAJA)

Yanchai Suen, Ms

- Member, Society for Scholarly Publishing
- Membership Secretary, Canadian Women's Club of Jamaica

AGILITY

INCOME GENERATION

Tuition fees earned for the academic year was \$36,510,719 and \$247,964 for other income generating activities.

SALISES also earned approximately \$1,500,000 from its *Social and Economic Studies* Journal sales.

FACULTY OF SPORTS Mona

Year ending July 31, 2023



DR. AKSHAI MANSINGH, JP
MBBS (*UWI*), FACS, MSPMED (*UNSW*), DM (*ORTHO*)
DEAN

Dean's Overview

EXECUTIVE SUMMARY

The Faculty of Sport continued delivery of its undergraduate programmes through cross campus teaching which allowed students from all campuses to be taught by experts from a particular campus. This has enriched the experience overall. Of our 56 graduates, we had our first BSc batch from the Mona campus at their graduation ceremony. Some of these have already enrolled in the postgraduate programmes which continue to grow, with particular interest in the MPhil/PhD programme. Special mention must be made of Alison Facey who won the UWI 3-minute thesis competition. Our first undergraduates from St. Augustine have completed this year as well.

The annual Frank Worrell Memorial Lecture was delivered by the Honourable Mia Motley, Prime Minister of Barbados addressing the state of West Indies cricket. Apart from pointing out problematic issues, action items were identified and much attention was gained in regional and international media. Work through grant aided projects culminated in the approval of the Executive Masters in European Caribbean High Performance Sport Management targeting senior sport administrators.

Our students participated at the highest level in World Championships, Regional and National events. Llori Sharpe, a professional cyclist in Europe was able to complete her BSc Sport Sciences with First Class honours. The Combined Campuses and Colleges cricket team re-entered the Cricket West Indies Super 50 competition that they won in 2018, with a commitment to deeper and longer involvement in other competitions in the future. Our coaches at the Mona and Cave Hill Academies were co-opted to assist with West Indies Teams at the highest level, as well as our doctors and physiotherapists.

Our students and teams continue to reap success in national competitions in all landed campuses, but special mention is made of our female cricket team in St. Augustine which got promoted to the Premier League of Womens Cricket in Trinidad and Tobago.

Closer association with Olympic Associations were cemented through MOUs with the Jamaica Olympic Association and Caribbean Association of National Olympic

Committees. An MOU with the Rajasthan Royals franchise of the Indian Premier League of cricket, through their Business School, opens the doors to short courses being delivered to a global market.

Whereas a lot of effort was spent on re-establishment in this first full year post COVID-19, much was achieved on and off the field.

ACCESS

Approximately 374 students were enrolled in the Faculty across the campuses. A comprehensive recruitment strategy has been developed and will be pursued as of the new academic year.

At Mona, only 25 UWI Sports Scholarships and 7 UWI CB Group 5K Scholarships were offered this year due to reduced funding. Shaquan Allen, Mona finalising BSc Sport Kinetics student, was the recipient of the Dr. Tulsi Dyal Singh scholarship. He was able to complete his programme with First Class honours.

At Cave Hill, five students received sport scholarships and two sport grants. Scholarship opportunities will be increased for students of the Cave Hill Academy of Sport as of 2023/2024 with the approval of the Grant Scholarship. The total value over three academic years would be BDS15,000.

STUDENT ACHIEVEMENT

Graduation 2022

A total of fifty-six (56) graduates were awarded their degrees from the combined graduation ceremonies at Cave Hill and Mona with one graduate from the certificate programme at St. Augustine.

Dean's List

Twenty (20) students of the Cave Hill, Mona and St. Augustine Academies of Sport were recognised for achieving the Dean's List for 2022/2023.

Trailblazers in Sports

The Faculty is delighted to have launched the *Trailblazers in Sports* series during this diamond year. The series seeks to highlight the achievement of sporting luminaries from within the Faculty, The UWI, the region and beyond. The series has featured two graduates of the Sport Sciences programme at Cave Hill and is available for viewing on the Faculty's YouTube channel.

TEACHING, LEARNING AND STUDENT DEVELOPMENT

Across the campuses, students were challenged with poor internet connectivity in the cross campus teaching of the undergraduate programmes among the Cave Hill, Mona, Open and St. Augustine campuses. Lecturers at Mona had late access to the Moodle platform as contracts were finalised after the start of teaching. The Open Campus Academy experienced challenges with the integration of the cross-campus facility into the administrative arrangements of the APAD department. Recordings had to be made available to the students who had difficulty joining the streamed classes due to work commitments.

A career exposition organised specifically for students in the Faculty was held in June 2023. The session was planned in collaboration with the Office of Placement & Career Services, Mona and was open to students across the Faculty. The students were very appreciative of the session. One recommendation going forward was for the Career Services Unit from all the campuses to collaborate on future sessions to highlight country specific information.

Programme Development

The Executive Master's European Caribbean High Performance Sport Management was approved by BUS in February 2023. This was the product of a grant from the Association of French Universities valued at €15,000.00. Additional funding will be sought to ensure a January 2024 start of teaching.

Preliminary approval was received from Rajasthan Royals to use the UWI FSP body of knowledge on Sport Science and Nutrition in a short course on its educational platform. A MOU is expected to be signed in the first quarter of 2023/2024 to formalise the partnership.

The Open Campus Academy Head pursued a partnership with Pan Am Sports Organisation and CANOC for the development and offering of a certificate course in sport administration management. It is expected that an agreement will be signed off during the next year.

ALIGNMENT

RESEARCH AND INNOVATION

Research in the Faculty was hampered this year due to increased administrative duties by the Heads as well as one being on leave for a semester. Nevertheless, we maintained our presence in the two newspaper columns, *Sport Matters* and *Sport Pulse*, in the Trinidad Guardian and the Jamaica Gleaner respectively. Over forty

(40) articles were published this year with submissions from staff across the Faculty, our graduate students at the Mona Academy, as well as from guest contributors.

Although we did not receive approval of our proposal to USAID for funding for a Climate Change and Sport Initiative, the Faculty remained committed to its climate action agenda. Proposals submitted through the Global Institute for Climate-smart and Resilient Development (GICSRD) on rainwater harvesting and solar electricity generating systems were accepted. A sub-committee was formed to further develop the proposals to access donor funding. Mona later submitted a grant application to procure funding to expand the wastewater project to irrigate the three main fields at the Bowl. The committee is also working with the other campuses to develop their proposals to access funding for their projects.

NATIONAL ENGAGEMENT AND OUTREACH

Relationships with governments, sport governing bodies and sporting entities were built strengthened during the year.

Following a visit to Jamaica by the Honourable Minister of Sport, Trinidad and Tobago, a draft proposal for a Community Inclusion Programme was submitted for consideration by the Trinidadian government.

The 22nd Annual Frank Worrell Memorial Lecture was delivered by the Honourable Mia Motley on July 25th. She used the opportunity to remind the Caribbean governments that they have a responsibility to see to the development of the game of cricket; recommending that new governance structures must be put in place for its sustainability.

A webinar series titled *Debates in Sports Ethics* was launched in February 2023. Two episodes of the series were delivered through the collaborative efforts of the Department of Language, Linguistics & Philosophy in the Faculty of Humanities & Education (Mona), the Institute for Gender and Development Studies (St. Augustine), the UWI Equity, Diversity & Inclusion Unit and the Faculty of Sport. Special thanks to visiting Professor Balaganapathi Devarakonda who served as the ethics expert for the series.

The Faculty also hosted a virtual panel discussion on “*Sport as an Antidote for Gender Based Violence*” on December 1, 2022, in recognition of International Day for the Elimination of Violence against Women (IDEVAW) through 16 days of activism. The regional forum was organised in collaboration with Brock University and the Institute for Gender and Development Studies (IGDS). Professor of Kinesiology at Brock University, Cathy van Ingen whose research, outreach and advocacy centre on Boxing as therapy for domestic violence and other trauma was the feature presenter. The aim was to increase awareness among coaches, trainers, clubs, social service

agencies, non-profit organisations, gender studies and sport researchers, victims of abuse among others, of the benefits of sport as a therapeutic tool for coping with the effects of trauma including gender-based violence.

Members of the Faculty were panellists on the Acorn Climate Summit themed “*Climate Departure and Resilience, is Jamaica Ready for the Journey?*”, held on October 24, 2022. The panel comprised of members of faculty, Ms. Carole Beckford, Sports Marketer, and student representative, Llori Sharpe, who made presentations and led a panel discussion around the theme of Session III – “*Sport and the Climate Crisis: Victim, Contributor, or Advocate?*”

An MOU was signed with the Jamaica Olympic Association (JOA) and The University of the West Indies (UWI) on February 28, 2023, with the aim of fostering greater development of athletes, coaches, and sports administrators.

Partnership agreements with CPL, Jamaica Cricket Association, Jamaica Hockey Federation, KSAFA, National Powerlifting Association (Jamaica), Americas Federation of Netball Associations (AFNA), Trinidad Guardian, SporTT (Trinidad) and University of New Brunswick were maintained during the year.

AGILITY

REGIONAL AND INTERNATIONAL COLLABORATION

The MOU with Melbourne Polytechnic was signed in August 2022. In the first year of collaboration, the parties worked on the development of an International Sports Turf programme. To advance this development, representatives from Melbourne Polytechnic will conduct a reconnaissance visit to the Caribbean during the second quarter of 2023/2024.

UWI Mona was lauded for a successful staging of the second Rugby Americas North Regional Women’s 15 and Men Under 19 international tournaments.

INCOME GENERATION

The Faculty earned modest income from short courses (CWI Coaching Certification, Sport Marketing and the Cricket MOOC) and rental of our facilities during the year. The MOOC, *West Indies Cricket: Our Story*, earned commission of USD 443.66 up to the end of the second quarter of the year.

Robust rentals of the facilities at Mona were maintained despite the need for upgrade of same. The Sports Medicine Clinic at Mona earned JMD 8,809,154.85.

The Cave Hill Academy will be working to upgrade its Sport Science Labs during the coming year as they seek to promote its use to a wider audience. More than BBD 150,000 was earned during the year from rentals.

At the St. Augustine Academy, revenues earned from rentals and gym membership totalled TTD 304,517.58. We look forward to the repair of the air condition unit at SPEC which impacted the rentals of the indoor court negatively this year.

STAFF MATTERS

Dr. Sharmella Roopchand-Martin completed her second tenure as Head of the Mona Academy of Sport on July 31st. The Faculty extends sincere gratitude to Dr. Martin for her leadership in the development of the Academy despite the various budget and staff challenges. A warm welcome is extended to incoming head, Dr. Aldeam Facey.

Recruitment efforts at Mona during the year will come to fruition for August 2023 as candidates were identified for the posts of Manager, Athletic Development & Training and Administrative Assistant which had been vacant for over a year.



MONA ACADEMY OF SPORT

Dr. Sharmella Roopchand-Martin (DPT, MSc. Rehabilitation Sci., MSc. Biomedical Ethics) – **Head Mona Academy of Sport**

WORK OF THE DEPARTMENT

The 2022/2023 academic year marked the return to full face-to-face delivery for our undergraduate programmes. The year was quite challenging due to the ongoing financial constraints.

The total number of students enrolled in the academy for 2022/2023 was 102 across two undergraduate and five graduate programmes. Our undergraduate courses were delivered to students from the St. Augustine and Open Campus Academies using the Cross Campus platform. Teaching began late each semester due to delays in adjunct staff receiving their contracts. Regardless of this, they found ways to ensure that all content was covered by the end of the semester. Internet connectivity affected delivery of some classes on the cross-campus platform, however recordings were shared with students who were affected. The graduate programs ran smoothly throughout the year and all summer practicums were successfully conducted onsite. A total of nine undergraduate and eight graduate students completed their programmes. Our PhD candidate Alison Facey won the three-minute thesis competition at the Mona campus in May 2023 and went on to secure a university win in June 2023.

Despite the ongoing freeze in sports scholarships, we were still able to field teams for several intercollegiate tournaments through engagement of the student body. The female football team won the Intercollegiate tournament and the male team placed fourth. Both volleyball teams won the tournament, netball placed 3rd and track and field finished 4th. Though the campus did not fund a basketball coach, the students organized a team, and they placed 3rd. Gears were provided by the Academy.

At a national level both our volleyball teams competed in national developmental meets with the females securing a win and the males placing third. The athletes who remained on sports scholarships continued to excel. Our footballer Chris Ann Chambers was selected for the national football team that competed at Central America and Caribbean (CAC) games. Netballers Amanda Pinkney and Abigail Sutherland were selected for several national teams including the Americas Fed-

eration of Netball Associations (AFNA) qualifier team in October 2022 and the World Fast Five in November 2022. Amanda also made the team for the England tour in September 2022 and Abigail was on the New Zealand tour November 2022. In July 2023 Abigail made the team slated to compete in the Netball World Cup. Erica Harris and Kenneth Roy-Clarke were selected for the National volleyball team that competed in the Olympic qualifiers in Trinidad in July 2022. Shemar Gordon and Christopher Reid were selected for the National team that competed in the Hockey 5s World Cup qualifier that was held in Jamaica in June 2023 and the Central America and Caribbean Games hockey tournament that was held in Dominican Republic in July 2023. Two other university athletes, Kevon Reid and Rasheed Johnston (students in the Academy of Sport) also competed in these tournaments. On the international scene Kai Chang won a gold medal in discus throw at Penn relays and Shamella Donaldson won a silver. Kai also secured a silver medal at World University games.

The Academy continued to maintain relationships with external sporting organisations thus increasing access and partnerships for revenue generation. The swimming pool at the Mona Bowl was re-opened under the management of the Tornadoes swim club and has been a hub of activity. The Academy engaged with the Jamaica Rugby Football Union (JRFU) to host the Rugby Americas North Regional Women's 15 and Men Under 19 tournaments at the Mona Bowl in July 2023. Several of the teams stayed at 138 Student Living. Live television coverage and livestream of the event by SportsMax led to the university being showcased to a global audience over five days. The event also allowed for students to engage in experiential learning as the practicum activities for three of the master's programmes were integrated into tournament activities. Educational workshops in first aid training and preparation of doctors and physiotherapists for field coverage of rugby were conducted in collaboration with the academy. Three staff members and three students were certified for on field management of rugby players and one staff received training as a first aid educator. In June 2023 the Academy in collaboration with the JRFU hosted the Cobham Rugby club from England for a Jamaican tour. This increased the visibility of the campus to rugby fans in England.

The academy partnered with AFNA in their hosting of educational activities associated with the Netball World Cup Qualifiers held in Jamaica in October 2022. This activity allowed for experiential student learning whilst showcasing the campus on national television. In November 2022 through our relationship with the Colombian Embassy we hosted a small group of athletes and coaches for a track and field camp. In February 2023, through our partnership with the French Embassy, we hosted members of the French Navy for a friendly football match at the Mona Bowl with our campus team. The Sports Medicine Clinic continued to work with the National Field Hockey program and contributed to the male team's success in qualifying

for the Hockey 5s World Cup at the qualification tournament held in Jamaica in June 2023. The clinic staff covered the Jamaica Scorpions on several tours and continued to work with Cricket West Indies. These activities all generated revenues for the clinic. Relationships have also been maintained with the Jamaica Archery Association and the National Powerlifting Association of Jamaica.

PEER REVIEWED PUBLICATIONS

Due to significant staff shortages academic staff who normally engaged in research and publication had to divert their attention to increased administrative duties and teaching loads to ensure minimal impact to our students. This resulted in no peer reviewed publications for the first time in the academy's history. The Academy however, continued to encourage staff and students to write articles for publication in the two newspaper columns. Seven students contributed a total of nine articles and staff contributed a total of eight articles.

NON-REFEREED RESEARCH-BASED / SCHOLARLY PUBLICATIONS BY STAFF

- **Brown Calvert, Ruchelle.** Muscular imbalances – a risk factor for musculo-skeletal injuries. *Sports Pulse. Jamaica Gleaner.* September 4th 2022.
- **Facey, Aldeam.** No discrimination in World Athletics transgender ban. *Sports Pulse. Jamaica Gleaner.* April 16th 2023.
- **Facey, Aldeam.** Male to female transgender athletes in sport: The exclusion criteria. *Sport Matters. Trinidad Guardian.* April 17th 2023.
- **Grant, Tajay.** The problem of overwork Sports injuries, causes and prevention. *Sports Pulse. Jamaica Gleaner.* March 5th 2023.
- **Hosang, Cecile.** The pain of it. Why some athletes are always hurt. *Sports Matters. Trinidad Guardian.* January 22nd 2023.
- **Hosang, Cecile.** The ergonomics of playing surfaces. *Sports Matters. Trinidad Guardian.* April 2nd 2023.
- **Roopchand-Martin, S.** The story of Hockey. Creating winners through partnerships in sports. *Sports Pulse. Jamaica Gleaner.* July 2nd 2023.
- **Roopchand-Martin, S.** Use of sports tourism to develop local teams. *Sports Pulse. Jamaica Gleaner.* September 11th 2022.
- **Roopchand-Martin, S.** Sports Tourism as a vehicle for the development of team sports. *Sports Matters Column, Trinidad Guardian,* August 20, 2022.
- **Rose, Olivia.** Blessings of a mother. The inextricable link between athletic success and devoted moms. *Jamaica Gleaner.* May 14th 2023.

CONFERENCE PRESENTATIONS

- **Roopchand Martin, S.** (virtual oral presentation) “Simultaneous Bilingual Education for Research Ethics: Challenges, Solutions, and Results”. Association for Practical and Professional Ethics (APPE) 32nd Annual International Conference. Virtual. March 31st 2023.
- **Roopchand Martin, S.** (virtual oral presentation). “Research integrity: A model master’s level online course taught simultaneously in English and Spanish”. St. George’s University Research Day. Grenada. March 19th 2023.
- **Roopchand Martin, S.** (platform). “Using preparticipation evaluations to prepare individualized programmes and optimize performance in team sports”. INSEP International Conference Physical Dimension: Evaluation and Monitoring. Paris, France. December 1st 2022.
- **Facey, A.** (platform) Should Transgender and Intersex Athletes be Allowed to Compete with Cis-gendered Female Athletes? Caribbean Conference on Sport Sciences. Kingston, Jamaica. April 5th 2023.
- **Brown Calvert, R.** (platform). “Solutions to combat the challenges of climate change”. Acorn 25th Anniversary Climate Summit. Kingston, Jamaica. October 2022.

INCOME GENERATION

Rental of UWI Mona Athletic Stadium and Mona Bowl facilities	JA\$ 3,498,744.28
Academic Programmes	JA\$ 26,155,471.50
UWI Sports Medicine Clinic	JA\$ 8,809,154.85
Grants	€ 15,000.00 from the Association of French Universities

PUBLIC SERVICE AND OUTREACH

Dr. Aldeam Facey

- Doping Control Officer at the Jamaica Anti-Doping Commission 2015 to present

Dr. Sharmella Roopchand-Martin

- Vice-chair Jamaica Rugby Football Union

Dr. Ruchelle Brown- Calvert

- Member of the Medical Committee – National Powerlifting Association of Jamaica

- Team doctor Cricket West Indies (CWI) U19 female tour of India, November 2022.
- Team doctor for CWI Women's U19 female team and senior women's team for World Cup held in South Africa January 2023 and February 2023.
- Medical coverage at Boys and Girls championships March/April 2023.

Tajay Grant

- Physiotherapist for the Cricket West Indies (CWI) Women's team for the inaugural Women's CPL and the sixty tournament August 2022.
- Physiotherapist for CWI women's versus Ireland tour held in Antigua September 2022.
- Part of the medical team for the Rugby America's North regional U19 and Women's 15 in Kingston. July 2023.

Ramon Hunter

- Chair of Medical Committee - National Powerlifting Association of Jamaica.
- Medical coverage for powerlifting tournaments held in March, May and June 2023.

Fiona Binns

- National Powerlifting Association of Jamaica – Athlete's Committee Chairperson
- Jamaica Intercollegiate Association – Volleyball Chairperson
- Jamaica Volleyball Association – Member of the General Secretary Committee

Olivia Rose

- Conducted two mental health workshops, January 2023 and May 2023, to UWI student leaders.
- Launched the first-ever charity initiative that caters to the menstrual cycle needs of girls and women in sports.
- Conducted four "I am enough" school tours across three schools in Jamaica to an audience ranging between 200 to 400. The aim of these tours was to build the confidence and self-esteem of students and boost their morale.

Alison Facey

- Conducted four health and wellness seminars targeting young girls, the elderly, and adults.
- July 2023 organized and hosted the Jamaica Youth Summit which is a forum for youth engagement with public and political matters.
- Colombian Camp at Mona Bowl November 2023
- French Navy visit for friendly football February 2023
- Rugby Americas North regional tournament Mona Bowl July 2023

INSTITUTES AND RESEARCH CENTRES Mona

Year ending July 31, 2023



THE CARIBBEAN INSTITUTE FOR HEALTH RESEARCH (CAIHR)

Professor Marshall Tulloch-Reid, MBBS, MPhil, DSc, FACE
– Director CAIHR

We present some selected highlights from the Mona units of the Caribbean Institute for Health Research for the 2022/2023 academic year.

ACCESS

Preparations were made for the continued administration of the taught courses offered through CAIHR with special emphasis on marketing the MSc Epidemiology (Self Financing) and Nutrition (UGC) Programmes. We are in the processing of re-negotiating our agreement with the Open Campus (Global Campus) for administration of the Postgraduate Diploma in Health Research and Epidemiology to increase access to training in these areas for persons who are unable to commit to full time study due to work or distance.

ALIGNMENT

Members of CAIHR continued their work in collaboration with the Jamaica Ministry of Health and Wellness. In the last year we partnered with the Ministry of Health and Wellness to:

- Offer training sessions on the management of Sickle Cell Disease
- Implement and evaluate the Reach Up early childhood parenting programme through primary health centres
- Develop new evidence based guidelines for the Management of three Chronic Diseases – Hypertension, Diabetes and Asthma.

The Child Development Group also continues its work with the Early Childhood Commission (ECC), building skills in parenting training nationally based on lessons learned from its IRIE Homes violence prevention programme.

Cross University Collaborations continue with graduate student exchange between the UWI, The University of Glasgow Nutrition Collaboration and McGill University.

AGILITY

CAIHR continues to identify and obtain external grant funding relevant to our research strategy and regional needs from local and international agencies and donors including the US National Institutes of Health (NIH), The Wellcome Trust, International atomic energy agency, the UK Global Challenge Research Fund, the Inter-American Development Bank, UKRI/Medical Research Council, The UK National Institute for Health Research and several others.

These funds are essential to maintain our research productivity and excellence and have allowed us to retain critical staff at a time when there is a freeze on many UGC posts and significant economic fallout. It is therefore critical that administrative and other support that allows us to maintain our standards for reporting and research excellence be maintained to ensure the sustainability of the Institute for the next generation of scientists and students.

NEW GRANT

The Reach Up early childhood parenting programme developed by the Child Development Research Group at CAIHR continues to expand globally with implementation in 20 countries in the global South. In 2022–23 the group was successful in a bid to support the Government of Uzbekistan, through funding from the World Bank, to expand early childhood development through their Ministry of Preschool Education's, "Increasing Access to Quality Early Learning Environment" project. The grant includes support from the UWI team for adaptation, training and evaluation.

The services also include the provision of tools for monitoring and supervision, operations manual and guidance on the systematization of the model within the Ministry of Pre-School Education system.

CONTRIBUTIONS TO THE UWI 75TH ANNIVERSARY CELEBRATIONS

To commemorate the University of the West Indies' 75th Anniversary Celebrations the Institute has committed to three In-person Professorial Lectures.

The first held by Institute Director Professor Marshall Tulloch-Reid chronicled his own journey in research and the critical role that Institutions play in facilitating and shaping the development of the next generation of academic scientists. A recording of the lecture is available at <https://www.facebook.com/UWITV/videos/229147049845659>.

The additional 2 lectures are scheduled for the 2023/24 academic year.

We have set about the completion of work commended during CAIHR's 20th Anniversary Celebration to archive materials, instruments and images from the Tropical Metabolism Research Unit (TMRU). We are slowly refurbishing a section of the TMRU building to create a display area /living museum with relevant captioning. It is hoped that this display will capture the history of TMRU and its role in the development of the Caribbean Institute for Health Research and be available for viewing before the end of the anniversary celebrations.

PLANS FOR THE NEXT ACADEMIC YEAR

For the upcoming academic year we will continue in our efforts to increase enrolment in self-financing programmes and obtain research grant income as part of the UWI Strategic Plan's Revenue Revolution. Strengthening of systems to support income from these sources will allow us to be more ambitious in our plans and allow CAIHR to make a greater contribution to the University's financial health and international reputation.

ACCESS

STUDENTS

MPhil/PhD Candidates CAIHR Programmes

- "Effects of menstruation on sickle cell pain in Jamaican women with sickle cell disease". Monika Asnani Supervisor to Dr. Zachary Ramsay. PhD Epidemiology (UWI) Candidate. January 2022–Current
- "Social Determinants of Adult Health Outcomes in Sickle Cell Disease Patients in a Jamaican Birth Cohort". Monika Asnani **Supervisor** to Mr. Alphonso Blake. PhD Epidemiology (UWI) Candidate. September 2021–Current
- "Evaluation of fat free mass as a proxy for muscle mass and its association with muscle function for the assessment of sarcopenia" – Prof Asha Badaloo **Supervisor** to Mr. Bentley Chambers, PhD Nutrition
- "Bioavailability of the indispensable amino acids of the red kidney bean in a typical Jamaican meal using a dual stable isotope tracer method" – Dr Carolyn Taylor-Bryan **Supervisor** to Dr Daniel Thomas, PhD Nutrition
- "The impact of a nutrition-based educational intervention on the development of obesity in a cohort of children from 2 years to 5 years of age" – Dr Carolyn Taylor-Bryan **Supervisor** to Mrs. Tameka Duncan-Baker, PhD Nutrition

- “The Development, Implementation and Evaluation of the IRIE Homes Tool-box: A Universal Violence Prevention Programme” – Dr Helen Henningham **Supervisor** to Ms. Taja Francis, PhD Epidemiology
- “The effect of maternal infant feeding styles on childhood health and development in Caribbean infants: A longitudinal study” – Prof Susan Walker and Prof Marshall Tulloch-Reid **Supervisors** to Ms. Amika Wright, PhD Epidemiology
- “Policy Implications of HIV Drug Resistance and its Impact on the Jamaica HIV Epidemic” – Prof J. Peter Figueroa and Prof Marshall Tulloch-Reid **Supervisors**, MPhil Epidemiology

MPhil/PhD and DM Candidates other Departments

- “Beverage label marketing in Jamaica and its influence on the awareness, attitudes and preferences on primary school children” – Dr Suzanne Soares-Wynter **Co-Supervisor** to Linda Lisa Homi Levee, PhD in Child, Adolescent and Youth Studies UWI Global Campus, formerly UWI Open Campus
- “Gut microbiota in obese and non-obese Afro-Caribbean population consuming a traditional Afro-Caribbean versus a westernized ultra-processed diet patterns” – Dr Suzanne Soares-Wynter **Co-Supervisor** to Meshell Carrington MPhil/PhD Epidemiology University of the West Indies, Cave Hill, Barbados.
- “Knowledge, attitudes, practices, and barriers faced by primary care physicians in Jamaica regarding provision of chronic illness preventative nutrition care”. Monika Asnani **Supervisor** to Dr. Sophie Abrikian. DM Family Medicine. Completed March 2023.
- “Prevalence and determinants of non-barrier contraceptive use among women in Westmoreland”. Monika Asnani **Supervisor** to Dr. Henrika Gayle. DM Family Medicine. Completed March 2023.

MPhil/PhD and DM Candidates other Universities

- “An evaluation of the food environment of healthcare settings in Jamaica: implications for policy and research” – Dr Suzanne Soares-Wynter **Co-Supervisor** to Lisa Anna-Kay Reid PhD in Public Health University of the Western Cape, Faculty of Community and Health Sciences, South Africa

PUBLICATIONS

Books and Monographs

- Book Chapter: Public Policy Challenges to Control Childhood Obesity in Latin America and the Caribbean (D. Thomas, C. Taylor-Bryan, S. McFarlane, A.

Badaloo) in Public Policy Challenges to Control Childhood Obesity in Latin America and the Caribbean: DOI: 10.5935/978-65-88041-03-1.0001 (<http://dx.doi.org>) <https://www.editoraemescam.com.br/wp-content/uploads/2020/12/POLITICAS-PUBLICAS-DIRIGIDAS-A-INFANCIA-INGLES-22-12-1.pdf>

Refereed Journal Articles

- Bailey J, Bazuaye-Alonge P, **McFarlane S.** (2023) The Putative Role of Environmental Chemical Exposure in the Development of Cervical- Prostate- Colorectal (CPC) Cancers in Jamaica. WCRJ; 10: e2542 DOI:10.32113/wcrj_20235_2542
- Barnett F, Duncan A, **Ramsay Z**, Ramsay T, Simmons Q, Brooks TA, Channer G. The clinical assessment of foreign body ingestions: Experience in a developing country. Trop Doct. 2023 Apr;53(2):210–217. doi: 10.1177/00494755221147355. Epub 2023 Jan 3. PMID: 36597663.
- Belle Jarvis S, Hadeed E, Lee K, Hardy-Dessources MD, **Knight-Madden JM**, Richardson C. Sickie Cell Disease Newborn Screening-An Audit of a Twin Island State Pilot Program. Int J Neonatal Screen. 2023 Mar 1;9(1):14. doi: 10.3390/ijns9010014. PMID: 36975852; PMCID: PMC10052052.
- Costello, A., M. Romanello, S. Hartinger, **Gordon-Strachan, G.** S. Huq, P. Gong, T. Kjellstrom, P. Ekins and H. Montgomery “Climate change threatens our health and survival within decades.” The Lancet.November 2022. DOI:[https://doi.org/10.1016/S0140-6736\(22\)02353-4](https://doi.org/10.1016/S0140-6736(22)02353-4)
- Doubova, S. V., Asai, D., Mariam, D. H., Ayele, W., Mebratie, A. D., Thermidor, R., Sapag, J. C., Bedregal, P., Passi-Solar, Á., **Gordon-Strachan, G.**, Dulal, M., Gadeka, D. D., Mehata, S., Margozzini, P., Leerapan, B., Rittiphairoj, T., Kaewkamjornchai, P., ... Arsenault, C. (2023). Associations between the stringency of COVID-19 containment policies and health service disruptions in 10 countries. BMC health services research, 23(1), 363. <https://doi.org/10.1186/s12913-023-09363-1>
- Evans-Gilbert, T. Hambleton, I. **Taylor-Bryan, C.** Sin-Quee, C. Young-Peart, S. Lashley, PM. Gilbert, B. Richille-Ann, B. Fernandes, M. Singh, V.(2022). Nutritional Status and COVID-19 in Children: A Caribbean Inpatient Survey. J Paediatr Neonatal Med 4(4): 169
- Farina N, Jacobs R, Sani TP, Schneider M, Theresia I, Turana Y, Fitri FI, Albanese E, Lorenz-Dant K, Docrat S, Toit PD, Ferri CP, **Govia I**, Comas-Herrera A, Ibnidris A, Knapp M, Banerjee S. Description of the cross-cultural process adopted in the STRiDE (STrengthening Responses to dementia in DEveloping countries) program: A methodological overview. Alzheimers Dement (Amst). 2022;14(1):e12293.
- **Ferguson T, Tulloch-Reid M, Younger-Coleman N, McFarlane S**– members of NCD RisC Factor Collaboration)(NCD-RisC) (2023). Diminishing benefits

of urban living for children and adolescents' growth and development. *Nature*, 615(7954), 874–883. <https://doi.org/10.1038/s41586-023-05772-8>

- **Ferguson T**, Webster-Kerr K, **Tulloch-Reid M**, **Bennett N**, Ho J, Davidson T, Grant A, Gordon-Johnson K, **Govia I**, **Soares-Wynter S**, **Younger-Coleman N**, **McKenzie J**, **Walker E**, Anderson S, Edwards S, Spence S. The Jamaica salt consumption, Knowledge, Attitudes and Practices (Salt-KAP) study: A research protocol [version 1; peer review: awaiting peer review]. *F1000Research*. 2022;11(721).
- Fisher LA, **Asnani M**. Acute kidney injury in Jamaicans with sickle cell disease hospitalized with COVID-19 infection. *EJHaem*. 2023 Jan 7;4(1):37–44. doi: 10.1002/jha2.636. PMID: 36819174; PMCID: PMC9928646.
- Fisher L-A, Stephenson S, **Tulloch-Reid MK**, **Anderson SG**. Acute kidney injury following cardiopulmonary bypass in Jamaica. *JTCVS Open* 2022 (11):161–175. Published May 30, 2022. DOI :<https://doi.org/10.1016/j.xjon.2022.05.012>
- Foley L, Brugulat-Panés A, Woodcock J, **Govia I**, **Hambleton I**, Turner-Moss E, Mogo ERI, Awinja AC, Dambisya PM, Matina SS, Micklesfield L, Abdool Karim S, Ware LJ, Tulloch-Reid M, Assah F, Pley C, **Bennett N**, Pujol-Busquets G, Okop K, Anand T, Mba CM, Kwan H, Mukoma G, Anil M, Tatah L, Randall L. Socioeconomic and gendered inequities in travel behaviour in Africa: Mixed-method systematic review and meta-ethnography. *Soc Sci Med*. 2022 Jan;292:114545. doi: 10.1016/j.socscimed.2021.114545. Epub 2021 Nov 6.
- **Gordon-Strachan, G.**, Shiu, R. N., **Smith, J.**, Harrison, A., & **Walker, S.** (2023). Climate change in small island developing states: caring for youth's mental health. *The Lancet. Child & adolescent health*, 7(6), 373–374. [https://doi.org/10.1016/S2352-4642\(23\)00081-0](https://doi.org/10.1016/S2352-4642(23)00081-0)
- **Govia I**, **Palmer T**, Stubbs M, Harris M, Bogle D, Miller S, Walters C, Muir SA, Bailey A. Vulnerable group members coping with COVID-19 in Jamaica: A qualitative study. *Traumatology*. 2022: No Pagination Specified-No Pagination Specified.
- **Govia IO**, Doubova SV, **Younger-Coleman N**, Atkinson U. Gender Differences in Prevalence and Risk Factors Associated With Substance Use in 50- to 65-Year-Old Jamaicans. *J Addict Nurs*. 2021.
- **Hall P**, Kerr K, Gray Brown A, **Soares-Wynter S**. “Sodium levels in pre-packaged foods and beverages sold in Jamaica: A label analysis.” *J Nutrition Health Food Sci* 2022 10(1):1–8. DOI: 10.15226/jnhfs.2022.001188
- Hemady CL, Speyer LG, Murray AL, Brown RH, Meinck F, Fry D, Do H, Sikan-der S, Madrid B, Fernando A, **Walker S**, Dunne M, Foley S, Hughes C, Osafo J, Baban A, Taut D, Ward CL, Van Thang V, Fearon P, Tomlinson M, Valdebenito S, Eisner M. Patterns of adverse childhood experiences and associations with

prenatal substance use and poor infant outcomes in a multi-country cohort of mothers: a latent class analysis. *BMC Pregnancy Childbirth*. 2022;22(1):505.

- **King L, Alexander-Gabbadon K, Chin N, Hammond-Gabbadon C, Simmonds-Brooks P, Harris J, Martin H, Witter K, Bartlett R, Knight-Madden J, Asnani M.** Telehealth: Navigating the COVID-19 Pandemic and Beyond: The Sick Cell Unit Experience. *Telemed J E Health*. 2023 Apr 24. doi: 10.1089/tmj.2023.0100. Epub ahead of print. PMID: 37092975.
- **Knight-Madden J, Abar A, Smith M, Asnani M.** Factors Affecting Age of Initial Specialty Clinic Evaluation Among Infants with Sick Cell Disease in Kingston, Jamaica. *J Pediatr*. 2023 Jun;257:113384. doi: 10.1016/j.jpeds.2023.02.030. Epub 2023 Mar 15. PMID: 36931493.
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- **Knight-Madden JM, Hambleton IR.** Inhaled bronchodilators for acute chest syndrome in people with sickle cell disease. *Cochrane Database Syst Rev*. 2022 Dec 2;12(12):CD003733. doi: 10.1002/14651858.CD003733.pub5. PMID: 36458811; PMCID: PMC9717338.
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Sano M, Sarfo F, Satizabal CL, Sepulveda-Falla D, Seshadri S, Sexton C, Skoog I, St George-Hyslop P, Suemoto C, Tanner J, Thapa P, Toure K, Ucheagwu V, Udeh-Momoh C, Valcour V, Vance J, Varghese M, Vera J, Walker R, Weidner W, Sebastian W, Whitehead Gay P, Zetterberg H, Zewde Y. The Nairobi Declaration-Reducing the burden of dementia in low- and middle-income countries (LMICs): Declaration of the 2022 Symposium on Dementia and Brain Aging in LMICs. *Alzheimers Dement*. 2023.

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- **Smith JA, Chang SM**, Brentani, A, Fink G, Florencia Lopez-Boo F, Michel Torino B, Rubio Codina M, **Walker SP** (2023) A Remote Parenting Program and Parent and Staff Perspectives: A Randomized Trial. *Pediatrics* May 2023; 151 (Supplement 2): e2023060221F. 10.1542/peds.2023-060221F
- Grantham-McGregor SM, Walker SP (2023) Early Childhood Interventions: Issues to Consider in Getting to Scale. *Pediatrics* May 2023; 151 (Supplement 2): e2023060221P. 10.1542/peds.2023-060221P
- **Baker-Henningham H, Bowers M, Francis T.** The Process of Scaling Early Childhood, Violence Prevention Programs in Jamaica. *Pediatrics* May 2023; 151 (Supplement 2): e2023060221M. 10.1542/peds.2023-060221M

ALIGNMENT

PAPERS PRESENTED

There were 4 papers presented at local and regional conferences.

NON-REFEREED ARTICLES

- Ferguson TS, Younger-Coleman NO, Webster-Kerr K, Tulloch-Reid MK, Bennett NR, Davidson T, Grant AS, Gordon-Johnson K-AM, Govia I, Soares-Wynter S, McKenzie JA, Walker E, Cunningham-Myrie CA, Anderson SG, Blake AL, Ho J, Stephenson R, Edwards SE, McFarlane SR, Spence S, Wilks RJ. Sodium

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- Marshall KG and Ferguson TS. Front-of-package labelling (FOPL) of pre-packaged foods and beverages: An evidence-based strategy for reducing diet-related non-communicable diseases (NCDs) in the Caribbean. *West Indian Medical Journal* 69, 535–538 (2022)
- Soares-Wynter S. National School Nutrition & Wellness Standards (Jamaica). Ministry of Education, Youth and Information Jamaica.
- Soares-Wynter S. CARICOM Regional Standard for Prepackaged Foods – Nutrition Labelling Requirements
- Soares-Wynter S. CARICOM Regional Standard for Labelling of Foods - Prepackaged Foods (Draft Standard)
- Soares-Wynter S. National School Nutrition & Wellness Policy (Jamaica). Ministry of Education, Youth and Information Jamaica.

PUBLIC SERVICE

Marshall Tulloch-Reid

- Advisor, Diabetes Educators of the Caribbean
- Examination Board, Caribbean Certified Diabetes Educators
- Statistical Editor, Journal of Clinical Endocrinology and Metabolism
- Chair, National Heart Lung and Blood Institute (NHLBI), National Institutes of Health, GACD Steering Committee

Jennifer Knight Madden

- Member, Board of Governors, St. Andrew High School for Girls
- Co-Chair Sickle Cell Technical Working Group (National)
- Co-Chair the Surveillance, Monitoring & Evaluation, Research sub-committee of the National NCD Committee (National)
- Chair, Advisory Panel on Ethics and Medico-Legal Affairs (National)
- Member Bureau of Standards Medical Facilities Technical Committee (National)
- Chair, National Institutes of Health (NIH) Data Safety Monitoring Board (DSMB) for the Realizing Effectiveness Across Continents with Hydroxyurea (REACH) trial Oct, 2017 to present (International)
- Chair, National Institutes of Health (NIH) Data Safety Monitoring Board (DSMB) for the Enhancing Preventive Therapy of Malaria In children with Sickle cell anemia in East Africa (EPITOMISE) trial Nov, 2018 to 2021 (International)

- Chair, National Institutes of Health (NIH) Data Safety Monitoring Board (DSMB) for Promoting Utilization and Safety of Hydroxyurea Using Precision in Africa June, 2022 (International)
- Reviewer, NIHR Global Health Policy and Systems Research Programme (International)
- Reviewer, NIHR Funding Committee for Global Health Centres: Research and Institutional Capacity Strengthening In NCDs (International)
- Member Organizing Committee, 4th Global Congress on Sickle Cell Disease, Paris June 2022 (International)
- Member Organizing Committee, Sickle Cell Disease Association of America/ National institutes of Health Sickle Cell in Focus Conference 2022 (International)

Susan Walker

- Expert Panellist, Annual Meeting of the Boards of Governors of the Inter-American Development Bank (IDB) expert panel on Poverty and Inequality, March 16, 2023
- Member and alternate Departmental representative, Advisory Board, Caribbean Centre for Health Systems Research and Development
- Member, Advisory Committee on Health Research, Pan American Health Organization
- Member of Data Safety & Monitoring Board for the Scaling Up Nurturing care, a Radio Intervention to Stimulate Early child development in Burkina Faso (SUNRISE) Trial, London School of Hygiene & Tropical Medicine.

Carolyn Taylor-Bryan

- National Infant and Young Child Feeding Committee – Training sub-committee
- Member, Medical Association of Jamaica
- Member, Pediatric Association of Jamaica
- Member, National Infant and Young Child Feeding Committee

Kwesi Marshall

- Chairman of the National Food Industry Task Force (NFITF)
- Chairman of the Nutrition Sub-committee of the National Committee on Non-communicable diseases
- Georgiana Gordon Strachan
- Member, Board of Directors, Mico University, Jamaica
- Chair, Essential National Health Research Committee – National COVID-19

Agenda, Health Services Sub-Committee, Ministry of Health and Wellness, Jamaica

Suzanne Soares-Wynter

- The Heart Foundation of Jamaica – Board of Directors and Medical Sub-Committee Member
- Bureau of Standards Jamaica Limited – National Mirror Committee Member
- Bureau of Standards Jamaica Limited – Labelling and Technical Committee Member
- World Health Organization (WHO) Guideline Development Group: Management of young children and adolescents with obesity for improved health, functioning and reduced disability: a primary health care approach.
- Vital Strategies Healthy Food Policy Fellowship Fund Reviewer
- Joint FAO/WHO Food Standards Programme of the Codex Alimentarius Commission – Codex Committee on Nutrition and Foods for Special Dietary Uses
- Joint FAO/WHO Food Standards Programme of the Codex Alimentarius Commission – Codex Committee on Fats and Oils (Member)
- Next Gen(d)eration of Leaders for a Well-Nourished World
- Jamaica Association of Professionals in Nutrition and Dietetics (JAPINAD) Standards and Regulatory Committee

Trevor Ferguson

- Chair National Committee on Non-Communicable Diseases (NCDs) – Weekly Core Group Meetings & Meeting with Minister of Health and Wellness, Permanent Secretary and CMO to update on NCD Committee matters
- Chair for CARPHA Hypertension Guidelines Development Committee

Monika Asnani

- Appointed Member: WHO Guidelines Development Group Member. Management of Pregnancy in SCD. May 2023–Current
- Appointed Member. Sickle Cell Disease Working Group. PhenX Collection on measures for ‘Pregnancy and Sickle Cell Disease’. June 2022–Current
- Co-Chair. Access to Care Working Group. Sickle Cell Disease Coalition. Monika Asnani: September 2022–Current
- Member Organizing Committee. Sickle Cell Disease Association of America/ National Institutes of Health 15th Sickle Cell in Focus/ UWI Conference 2022
- Member: Sickle Cell Technical Working Group
- Term Graduate Faculty Appointment. Duke University Graduate School. 2017–2022

- Board Member of Caribbean Network of Researchers in Sickle Cell Disease and Thalassemia since 2014
- Board Member, Indian Cultural Society in Jamaica. July 2007–Present

Ishtar Govia

- Member, Communications Sub-committee of Ministry of Health and Wellness Essential National Health Research Committee
- Caribbean Alliance of National Psychological Associations (CANPA) Executive Committee Member and Elections Committee Member.

Debbie Thompson

- Member, WHO Guideline Development Group – Management of Severe Wasting
- Member, UWI / University of Glasgow / McGill University Nutrition Collaboration Working Group
- Member, Kwashiorkor Working Group
- Founding Member, Autism Advocacy and Support Committee
- Co-Benefactor, The Promise Award
- Founding Member/ Parent Counselor, Jamaica Autism Support Association

AGILITY

INCOME GENERATION

New Grants

Funding source: Ministry of Preschool Education of the Republic of Uzbekistan

Title: Promoting Early Childhood Development Project Supporting the implementation of an ECD home visiting program in Uzbekistan **Investigators:** Susan

Chang Lopez, Jacqueline Coore-Hall, Helen Baker-Henningham, Susan Walker, Christine Powell **Period of award:** 01 November 2022–October 31, 2023 **Total**

Value: USD 99,340.00



CONFUCIUS INSTITUTE

Dr. Courtney A. Hogarth – Jamaican Director

SEMESTER I

SEPTEMBER 2022

Staff members are as follows:

- Dr. Courtney A. Hogarth (Jamaican Director)
 - Dr. Feng Lei (Chinese Director)
 - Ms. Keneisha Sappleton (Senior Secretary)
 - Mr. Adrian Lindsay (Tutor)
 - Mrs. Guo Zhouya (Tutor)
 - Ms. Claire Dunn (Office Attendant)
-
- Concluded classes for Jamaica Customs (July–September). 30 students; total teaching hours: 64.
 - Met with Dr. Ronald Robinson of Pre-University School. He proposed having 400 students in 30–40 per class for Mandarin in Semester 2.
 - Security personnel assigned to the CI building.
 - Chinese Ambassador intervenes in repair work for the CI building on account of damage from heavy rains.
 - Gender, Sports and Social Sciences started using the CI building for delivery of classes.
 - September 28–29 saw Confucius Institute Days being celebrated at the CI. About 150 guests in total.

OCTOBER 2022

- CI staff, including Principal Webber, attended the China National Day reception at the Jamaica Pegasus Hotel.
- CI staff attended a reception celebrating 50 years of diplomatic relations between China and Jamaica at the Jamaica Pegasus Hotel.
- 18th October – symposium on China-Jamaica relations organized by the Jamaica China Friendship Association and the Chinese Embassy at the Jamaica Pegasus Hotel. CI staff in attendance.

NOVEMBER 2022

- Proposed Confucius Institute Board Meeting cancelled.
- A new vehicle purchased from ATL for the Chinese Director's use.
- Chinese Ambassador's Scholarship, valued at JMD \$200,000.00 each, issued to 15 UWI students. Among recipients were 10 students of Mandarin. These were handed out in the Dan Qing Gallery.

SEMESTER I

JANUARY 2023

- On January 4, Mr. Zhao Xurui, Mandarin teacher, arrived in Jamaica.
- Staff and students of the Confucius Institute attended the Chinese Embassy's Spring Festival reception for the Year of the Rabbit. There was a performance by the Mandarin students.
- The Confucius Institute hosted its own Spring Festival reception in the Dan Qing Gallery. It was well attended. Guests included the Deputy Principal, Chinese Ambassador and Dean of the FHE.
- Pre-university classes for students of Mandarin started at the CI. There were 400 students in total, twice weekly for eight weeks.
- There was a further eight-week extension for the top 10 students from the pre-university group.
- On January 30, community Mandarin classes commenced. Duration: 10 weeks, with 6 students. Among the 6 students, one was subsequently employed by the Chinese Embassy.

FEBRUARY 2023

- Chinese Director, Dr. Feng, assisted the Ministry of Education with translations for PEP Exams in Port Antonio, Portland.
- The American International School of Kingston hosted the Chinese New Year celebrations. The CI contributed towards the programme.
- The Jamaica Chinese Association and the CI started discussions regarding Mandarin classes for children at the CI.

MARCH 2023

- Weekend classes for children, aged 8–16 years, of the Jamaica Chinese Association, commenced at the Confucius Institute. In total there are 70 students in 3 groups. There will be a total of 10 weekends, with 4 hours per session.
- On March 23, the CI participated in Modern Languages Day with a display and in the preparation of Chinese food.
- Discussions resumed regarding the Educator's Delegation to China.

APRIL 2023

- The CI grounds started establishing boundary hedging with the planting of Bougainvillea and Frangipani.
- A delegation from Jinan University visited the Confucius Institute and met with Dr. Feng and Ms. Sappleton.
- A delegation comprised of members from the Shandong Provincial Government visited the Confucius Institute. It was from this province that workers were sent to work on construction of the Confucius Institute building some years ago.
- Again, Dr. Feng was called on for assistance with the PEP Exams in Port Antonio.

MAY 2023

- Mandarin classes for the Jamaica Customs started in early May. There are 15 students who will study for a duration of eight weeks.



INSTITUTE FOR GENDER AND DEVELOPMENT STUDIES (IGDS), MONA CAMPUS UNIT

Dr. Karen Carpenter – Senior Lecturer/Head

OVERVIEW

The IGDS Mona Unit's priorities of Teaching/Learning & Student Development; Research, Publication, Innovation; and Public Service/Outreach continued to be guided by the 2022–2027 UWI Strategic Goals, centered on: Access, Alignment and Agility. Gender Justice: Where the UWI will actively create and sustain, as a core value, a social, academic and administrative culture that supports and promotes gender equality and justice within its environment. Coincides with the UN Sustainable Development Goals (2015-2030) which include Goal #5 (Gender Equality) as well as gender as a cross-cutting issue to achieve all 17 UN Sustainable Development Goals.

ACCESS

TEACHING, LEARNING & STUDENT DEVELOPMENT

Undergraduate programme: Courses in the BSc in Gender and Development (Major) and the Minor in Gender and Development Studies were delivered to students registered at the Mona and WJC campuses. An estimated 25 Majors were register in academic year 2022/2023. The Unit continues to face competition from larger Faculties and have worked with the Office of Marketing, Recruitment and Communication to increase registration in the programme as well as an increased presence on Social Media.

Registration for AY2022/2023, Semesters I, II and Summer School

Course registration for Semesters I, II and Summer School of the AY 2022/2023 showed an increase in numbers from **490 to 744** when compared with AY2021/2022. The unit delivered 16 courses to 744 students, (which included all (16) courses at

the UWI Mona's Western Jamaica Campus (WJC). Registration was 160 students (49 males and 111 females) registered in six (6) courses in semester I; 382 students (92 males and 290 females) registered in seven (7) courses in semester II; and 202 (40 males and 162 females) registered in three (3) courses in summer school online delivery, the highest number since post-Covid.

BSc in Gender & Development at The UWI Mona's Western Jamaica Campus (WJC): In support of University's Strategic Plan to grant access to students who wish to make the University their first choice to study, the BSc was offered to students wishing to study at the Mona Western Jamaica campus, effective September 2020. Gender courses from the Major were delivered to students at WJC remotely.

Graduates BSc Gender and Development Graduates: Fifteen (15) students graduated in the November 4, 2022 ceremony. The total number of Gender and Development BSc graduates now stands at one hundred and ninety (190) since the inception of the programme in 2009/10. The classes of degrees awarded included: One (1) First Class Honours, One (1) Upper Second Class Honours; eleven (11) Lower Second Class Honours and two (2) Passes.

Minors in Gender and Development Studies: Five (5) students declared the Minor in Gender and Development Studies during 2022/2023, resulting in 156 students who have declared the Minor to date.

Responsive to students' needs: The Mona Unit was proactive in ensuring increased contact was made with students to provide additional support, especially those who were experiencing academic challenges. This included enquiring about challenges they might be facing, resolving technical and administrative issues and liaising with other Faculties and University Departments on their behalf. Students were given access to WhatsApp, text and cell phone lines to reach the office and teaching staff. Class and Guild Representatives provided additional support and were effective contact persons for getting information to and feedback from students about ongoing IGDS MU matters.

Curriculum Review and Renewal: The Online Diploma in Gender and Development has been revised and is expected to be presented to AQAC for approval with the expectation of being offered in the academic year 2023–2024, Semester II.

IGDS Honour Roll: The IGDS Mona's Honour Roll which was introduced some years ago to recognise the outstanding academic performance of BSc students, welcomed Honourees Mark Spence (GPA 3.93), Rohan Wallace (GPA 3.77) and Mariea Dixon (GPA 3.57).

IGDS Guild Representative: The IGDS MU provided support to the IGDS MU Guild Executive led by Tavoy Housen to deliver some of their projects during the AY. Collaboration including support to the "hand bag project" during Women's History Month in March, International Day for the Elimination of Violence against

Women (IDEVAW) and 16 Days of Activism. Ms. Asharia Bowen was elected as the representative for AY2023–2024. The Unit remains committed to providing support to the IGDS Guild Committee.

Guest Lectures

The IGDS staff supported several agencies and events and made several presentations as follows:

Dr. Steffon Campbell

UNESCO Caribbean Sheroes Initiative (CSI) Phase II Transforming MENTalities Initiative:

Dr. Steffon Campbell represented the Mona Unit by presenting at the IGDS-RCO / UNESCO's Caribbean Sheroes Academy 2022: Transforming MENTalities Edition, November 15–17, 2022 online, with thirty (30) Youth Advocates, ages 18–30 year, from UNESCO Caribbean member/participating countries.

Dr. Karen Carpenter

Symposium – The Head of Department IGDS Mona Unit and Clinical Sexologist, participated in a symposium on the theme “Sex, Love and The Influence of Music and Media on our Sexuality”. During the symposium, Dr. Carpenter provided the audience with valuable insights into the physical and emotional aspects of sex, as well as the importance of communication and consent in sexual relationships. In addition, she addressed the influence of music and media on our sexuality and discussed the ways in which popular culture can shape our attitudes and beliefs about our sexual relationships. Her insights on human sexuality were informative and thought-provoking.

Support to Postgraduate programmes: The Unit's academic staff continued to support graduate programmes within and outside the IGDS, locally, regionally and internationally. They served as supervisors, advisors and examiners and delivered guest lectures and special modules on Gender in graduate programmes. The academic staff supervised 11 graduate students, and served on Advisory and Examination Panels for the IGDS Regional Coordinating Unit, IGDS St Augustine, The Open Campus and other UWI Departments and overseas Universities. The breakdown is as follows: Dr Carpenter – five (5) students; Dr Dunn (Honorary Senior Research Fellow) – five (5) students; Dr Thame one (1) student.

Partnerships with non-student customers, agencies: During the reporting period a new PhD Thesis Coaching initiative to support graduate student throughput was launched by staff at the Mona Unit in collaboration with the Office of Graduate Studies, Mona. Dr Carpenter, Dr Campbell and Dr Stephens from the Quality Assurance Unit invited twenty-five (25) non-completing, PhD candidates to take

part in a year-long free coaching programme, to ensure the completion and award of their PhD thesis. This effort represented a considerable donation of time and academic resources to institutional building at Mona.

PUBLICATIONS

The Mona Unit through its publication output aimed to increase access to information on the work of the Institute on gender mainstreaming, and improve the quality, quantity and impact of research and publication.

Editors

- **Carpenter, K., Onoura, A. Weaver, L, Pappera, S.** Editorial Team, Caribbean Journal of Education (December 2023)

Journal Articles

- Maziki Thame (2023) Sovereignty, freedom, and the problem of blackness in Jamaica, Latin American and Caribbean Ethnic Studies, DOI: 10.1080/17442222.2023.2174769
- **Maziki Thame**, “The Political Significance of ‘Communists Wearing Panties’ in the Jamaican Left Movement (1974-1980)”, in *Black Women in the Social Sciences in Latin America and the Caribbean*, edited by Melanie A. Medeiros and Keisha-Khan Y. Perry, (New Jersey: Rutgers University Press, 2023) 56-74.

Refereed

- Cook, L.D., Kamalodeen, V.J., Hunt-Anderson, I.E., Haynes-Brown, T., **Weaver, L.**, Weaver, S.R., & Samuel Lee, L. (2023). Cultural studies in education: insights for the mixed methods researcher. In R.J. Tierney, F. Rizvi, K. Erkican (Eds.), *International Encyclopedia of Education Fourth Edition*, (417–425). Elsevier. <https://doi.org/10.1016/B978-0-12-818630-5.11077-2>

Monograph

- **Weaver, L.** MPhil/PhD Upgrade Seminar on “Risk factors and social construction of physical discipline of Jamaica children: a mixed methods study” via Zoom meeting, ID: 97842260773 (January 19, 2023) (64 slides, 25 participants)

Reviews

- Carpenter, K., Marjan DeBruin & R. Anthony Lewis (Eds.,) 2020. *Gender Variances and Sexual Diversity in the Caribbean*. Kingston: University of the West Indies Press.
- Carpenter, K., Research Reviewer CAPRI, Various.

ALIGNMENT

RESEARCH

The IGDS Mona Unit staff continued with ongoing and new research projects aimed at improving the Unit's quality, quantity and impact of research, innovation and publication. Dr Carpenter, with the assistance of Mr. Rayan Elliott – Research Assistant to the HOD successfully submitted the following grant funding proposals:

1. The Commonwealth of Learning Canada (COL). **A Situational Analysis of Underperforming Boys (16–24) years in Jamaica** The objectives of the project are to:
 - a) Increase the participation of male youth (16–24 years) in educational and skills training opportunities in Jamaica,
 - b) To develop youth for employment in key industries, through Technical and Vocational Education and Training (TVET).
 - c) To increase the numbers of males in tertiary education institutions in the 16–24 age group. J\$1,719,793.26
2. In partnership with The Faculty of Medicine, UWI Mona. Psychoeducational Intervention On Gender Norms And Mental Health. IDRC. JMD\$72,745,139.
3. Review and update VAWG Awareness in the Training Curriculum for Pre-service and In-service Teachers and School Leaders/Administrators”, The Spotlight Initiative, \$50,000.

SERVICE, OUTREACH & ACTIVISM

The Unit's participation in service, outreach and public advocacy and included the following events:

International Men's Day (IMD) 2022: The Unit successfully coordinated the International Men's Day (IMD) 2022 with a men's day symposium held on November 19th, 2022. The theme for the symposium was “Fostering Friendship: The Socio-cultural Value of Strong Male Bonds”. The event was hosted and moderated by Dr. Steffon Campbell. The panelists for the symposium included Michael Nattoo, co-host of Men's Truth podcast, Dennis Brooks, communication strategist and co-host of Jamaican Dads podcast, and Shaquille Ramsay, Chancellor Hall-Hall Chairman and UWI Mona Guild Council member. Each panelist brought a unique perspective to the conversation and shared their personal experiences with fostering strong male bonds. The discussion covered a wide range of topics related to the importance of male friendship, including the impact of social media on male bonding, the role of male friendships in mental health, and the challenges men face

in building and maintaining friendships. The panelists also shared practical tips and advice on how men can strengthen their friendships and build meaningful connections with other men.

The International day for the Elimination of Violence against Women (IDEVAW)

2022: The staff and students of the IGDS Mona Unit organized a silent march to raise awareness about the urgent need to eliminate violence against women. The march took place around the ring road of the campus and involved representatives from each faculty, the Guild of students, and members of the Mary Seacole Hall. During the march, the group carried placards with important messages and information about the alarming rates of femicide in Jamaica. The placards highlighted the need for action to end violence against women and to create a safer environment for women in Jamaica. The campus community was invited to take a photo with one of four statements supporting the end of femicide in Jamaica. This was a powerful way of engaging the community and to raise awareness about this important issue. It was heartening to see staff and students from across the campus come together to support this cause. We hope that this event will inspire more action and advocacy to end femicide in Jamaica and to create a safer and more equitable society for all.

International Women's Day 2023: The Handbag Project: The Handbag Project initiative was launched in commemoration of International Women's Day, with the aim of providing personal hygiene items and handbags to women and children in need. The project was a great success, with the team visiting two facilities – the Sir John Golding Rehabilitation Centre and the Combined Disabilities Association – to distribute the items. The Handbag Project initiative was a wonderful way to commemorate International Women's Day and to provide support to those in need. The IGDS team's dedication and hard work made a real difference in the lives of the recipients, and we are proud of their efforts. The hope is that this initiative will inspire more action and advocacy for women's rights and social justice.

SUPPORT AND SERVICE TO THE UWI

Sexual Harassment Complaint Committee:

Mr. Rayan Elliott, Research Assistant, provided support on the campus-wide, Sexual Harassment Complaints Committee (SHCC), which was chaired by Dr. Carpenter for the academic year. The objective of the committee was to prepare the Sexual Harassment Complaints Protocol for the Mona Campus.

MAJOR CONFERENCES/SEMINARS

- **Climate Change MOOC:** Dr Leith Dunn, Honorary Senior Research Fellow, has been representing the Mona Unit in the regional MOOC project and will continue to do so: Dr Dunn participated and presented on Gender Climate Change and Disaster risk Management in Flasco Cuba July 2023.

Dr. Karen Carpenter

- Emotional Social Intelligence and Leadership. Lawe Insurance Brokers Annual Awards Ceremony. (March 3, 2023).
- Qualitative Methods and Approaches for the collection of Violence against Women and Girls (VAWG) Data. CARICOM and the OECS. UN Women, Jamaica (April 18, 2023).
- He, She, They Gender in Youth. Jamaica Pediatric Association (March 2023).
- U.S. Embassy Gender and Violence Dialogue.
- Guest Lecture Philosophy of Sex, FH&E, UWI Mona.
- *Lifting The Veil*, Andrews 7th Day Adventist Church, Kingston, Jamaica.
- *Should Doctors be activists?* World Family Doctor Day Webinar 2023.

AGILITY

The Unit contributed an estimated JA\$12,804,034/ US\$82564.61 to the UWI during the reporting period as follows:

- Tuition fees by Gender Studies Majors registered in the BSc Programme in Semesters I, II and Summer School AY 2020/2023 as follows:
- Semester 1 (est. 25 BSc students) 15 PT & 10 FT – JA\$4,450,970/US\$28664.25
- Semester II (est. 10): 6 PT & 4 FT – JA\$1,780,388/US\$11465.70
- Summer School 202 Students – JA\$6,572,676/ US\$ 42434.66

STAFFING

Academic Staff: There were five (5) staff members: 4 FT Dr. Karen Carpenter Senior Lecturer/Head; Dr. Maziki Thame Senior Lecturer; Ms. Leemoy Weaver Assistant Lecturer; Mr. Rayan Elliott Research Assistant; and 1 PT Adjunct Lecturer Dr. Steffon Campbell.

Administrative and Support Staff: Ms. Natalie Williamson, Acting Senior Administrative Assistant (Temporary January–April 2023), Ms. Nicole Edwards, Senior Administrative Assistant (April 2023 Permanent), Ms. Shamar Lester, Receptionist, and Ms. Thalia Ellis, Office Attendant.



INSTITUTE FOR GENDER AND DEVELOPMENT STUDIES, REGIONAL COORDINATING OFFICE

Professor Diana Fox – University Director

OVERVIEW

During the 2022–2023 academic year (AY) the Institute for Gender and Development Studies, Regional Coordinating Office's (IGDS-RCO) focus was geared towards guiding the IGDS in cementing its regionality and identifying new partnerships internationally. The IGDS-RCO activities were guided by the recommendations contained in the *Summary Report of the Vice-Chancellor's Report Task Force on a Governance Model for the IGDS* and in support of fulfilling the objectives of The UWI's Triple 'A' Strategy and the IGDS' Mission "To produce and disseminate knowledge to transform gender relations in the Caribbean".

The RCO welcomed Ms Ingrid Nicely as the new Administrative Officer and Ms Alana White, Senior Secretary in September 2022, and Professor Diana Fox, University Director in October 2022. Strides were made with student access, programme development and student participation and performances.

The RCO continued its research and publication programme by identifying projects which had regional and global impact to emphasise the contributions of Caribbean feminisms and gender studies toward global movements for gender justice, as well as facilitated participation by a regional IGDS research team. A major project included the *UNDP Spotlight Initiative Project: Legislative Reform to Eliminate Violence against Women and Girls and Family Violence in Jamaica*, was completed during the reporting period. Several Memoranda of Understandings were also negotiated or re-instated and provided opportunities for staff and students in teaching, workshops, panels and research.

The staff continued to work on their individual publications and presented at various fora and seminars, some of which were hosted by the RCO via UWItv, including the Vice-Chancellor's Forum for International Men's Day in November, and seminars to commemorate International Women's Day in March and a public talk delivered by the United Nation's Special Rapporteur on Indigenous Peoples Rights. The

RCO also received a grant which supported the visit to Jamaica and The UWI, of the United Nations' Special Rapporteur on Indigenous Peoples Rights, Mr. José Francisco Cali Tzay. Other highlights for the AY included the work done on gender mainstreaming to include presentations of the revised UWI Gender Policy (2022) to campus Academic Boards and to the University's F&GPC. Work was also done with Campus Principals to advice on the creation of the campus Gender Task Forces to enact the Gender Policy on each campus.

ACCESS

TEACHING, LEARNING & STUDENT DEVELOPMENT

The RCO offered the following degrees in Gender & Development Studies during the AY: a post Graduate Diploma; an M.Sc., an MPhil; and a PhD. Seven graduate courses were offered via Zoom, and were delivered by Drs. Dalea Bean and Natasha Mortley, Carol Watson-Williams and Warren Thompson, as well as faculty from the IGDS – Nita Barrow (NBU), St. Augustine, and Mona Units and Adjunct Lecturers. Thirty-Four students were enrolled in the combined programmes for the AY: 20 MSc which included five new students, 11 MPhil and 3 PhD students. Seven students graduated in November 2022: Beverley Josephs (MPhil), Nadeen Spence (PhD with high commendation), Cynthia Pitter (PhD), Kyisha Patterson (MSc with distinction), Soba Pepple (MSc), Helen Atkins (MSc) and Stacey Palmer (MSc with distinction). PhD candidate Warren Thompson successfully defended his thesis and was officially awarded his PhD in August 2023.

Access was increased through online course delivery, which facilitated registration of students from The UWI- Mona-Western Jamaica Campus, and the IGDS-Nita Barrow Unit.

There were also advances in the development of the online MSc in Gender and Development which was shared regionally for review, and the Graduate Certificate Programme which was submitted to the Board of Graduate Studies and Research for approval.

The Institute continued to provide developmental support to students registered in the RCO and the regional Units. One graduate seminar was held on May 15, 2023, for IGDS-RCO MPhil/PhD candidates to present and receive feedback on their theses. The regional 'IGDS Workshop Series for Graduate Students', conceptualised and led by Dr. Dalea Bean, continued to provide support to the students on various topics including: Critical Reading, Writing a Literature Review, Building Skills in Academic Writing, and Data Collection. The sessions were led by the Institute's

staff, as well as regional and international partners. The workshops allowed the IGDS to reach a regional community of learners in line with the ‘One UWI’ mandate and also fulfilled one of the recommendations from the IGDS Governance Task Force Report.

STUDENT ACHIEVEMENTS

IGDS-RCO graduate students continued to excel academically throughout the reporting period. Four (4) students/graduates received scholarships, and international recognition as follows:

- Mr. Orlando Pearce – Catherine James Scholarship recipient and Erasmus+ and GRÓ Gender Equality Studies and Training (GRÓ GEST) scholarship for the GRÓ GEST postgraduate diploma programme in International Gender Equality Studies, which he completed in May 2023.
- Ms. Nattecia Bohardsingh was selected as one of four women globally in the Women PeaceMakers Fellowship 2022–2023, hosted by the Kroc Institute for Peace and Justice at the University of San Diego.
- Dr. Nadeen Spence – was the recipient of the Perry World House Visitorship at the University of Pennsylvania for AY2022/2023. The programme brought together policy and thought leaders from across the world to build connections with faculty and students at the University of Pennsylvania, and to help shape the work of their research themes. They were also expected to share their perspectives on global policy issues.
- Linnet Reid – Cotutelle scholarship recipient from the University of Luxembourg, to pursue a joint PhD with the IGDS, UWI and University of Luxembourg.

PUBLICATIONS

During the AY, the staff continued to work at increasing its output and impact of research and publication to inform policy making nationally and throughout the Caribbean.

Book Chapters

- **Bean, D.**, (2023). “A Crucible of Contradiction: Jamaica’s Loyalty to and Alienation from Empire During the Second World War”. In Ashley Jackson (Ed.). *National Perspectives on the Second World War*. Routledge.
- **Mortley, N. & Senior, K.**, (2022). “Jamaican realities and masculinities and sexualities: Where have we come since Michel Foucault?” In Nelson, K. and Fernandez, N. (Eds.). *Gendered Lives: Global Issues*. Pp 267–286. New York: Suny Press.

- **Fox, D.,** Suzuki, N. & Clark,-Bess, V. (2022). “Gender and Sexuality in Physical Education and Health Curricula in Japan: Feminist and Human Rights Perspectives.” In Jacquelynne Boivin and Heather Pacheco-Guffrey (Eds). *The Handbook of Research on Education as the Driving Force of Equality for the Marginalized*. Pg 290–13. Pennsylvania: IG Global Publishing.

Refereed Journal Articles

- **Fox, D.,** Wanchunzi Yu, Robert Hellström, & Xiangrong Liu. “Embedding Sustainability and Experiential Learning to Encourage Student-Led, Climate-Resilient Solutions”. *Bridgewater Review*, Vol 40, Issue 10 (2), December 2022.
- **Mortley, N.** & Neil Lunt. 2022. Covid 19 and the Implications for Migration in the Organization of Eastern Caribbean States (OECS). *Caribbean Studies Association Journal: Caribbean Conjunctures*. Inaugural Issue. Vol. 1, Nos. 1 & 2, December 2022, pp 67–89.

Non-refereed – Technical reports & Films

- **Tafari-Ama, I.** Film: Plastic, Pollution and Survival Strategies at the Climate Cultures Festival, Berlin, August 26–28, 2022 (produced and presented). <https://www.climate-cultures-festival.de/en.program.html> .
- **Tafari-Ama, I.** Films for the CPEP project: Done Dead Already and Eh Gyal! (Project Lead and Producer).
- **Tafari-Ama, I.** Project Lead/Report Writer, CEDAW Performance/Exhibition Project (CPEP: US Embassy).
- **Tafari-Ama, I.** Project Lead and Report Writer: Community Transformation through Training (C-TTT).
- **Mortley, N.** UNDP Jamaica Office. Legislative Reform to Eliminate Violence Against Women and Girls and Family Violence in Jamaica. Jamaica Spotlight Initiative. July 2023. (56 pages)
- **Mortley, N.** UNESCO Caribbean Cluster Office. Caribbean Sherheroes: Transforming Mentalities for Gender Equality, Development and Advocacy. December 2022. (15 pages)
- **Mortley, N.** Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ). Gender and Human Mobility in the Context of Climate Change: Case Studies from Antigua and Barbuda, St. Lucia and St. Vincent and the Grenadines. June 2022. (68 pages).
- Suhku, R., and **Mortley, N.** UNESCO Caribbean Office and IGDS-RCO. A Knowledge Kit for Civil Society Organizations (CSOs): Advancing Gender Equality in the Eastern Caribbean. November 2022 (48 pages).
- DeShong, H., and **Mortley, N.** Training Manual for The UWI Gender Policy. August 2022. (28 pages).

ALIGNMENT

The IGDS - RCO continued to promote activism and public advocacy through a range of regional outreach efforts, both at the institutional and individual levels as it advanced the alignment pillar of the Triple A Strategy. Members of staff both organised and presented at public fora at the national, regional, and international levels and made several media appearances. Highlights included commemoration of International Women's Day (IWD) and International Women's History Month as follows: i) March 8, 2023: 'Caribbean Sex Workers through Historical and Contemporary Lenses' and a round table discussion with Professor Fox, Dr. Irma McClaurin and Professor Emeritus Patricia Mohammed on 'Gender Archives for Diversity and Inclusivity' (DigitALL: Gender Archives for Diversity and Inclusivity – UWITv Global); and ii) March 9, 2023: 'Global Challenges and Successes: Gender Justice and Transnational Alliances'. This panel was moderated by Prof Fox and the discussion led by Dr. Mortley with the women panellists from Iran, Nepal, India, and South Africa. The Vice-Chancellor's Forum on 'Men Fostering Gender Justice', was held on November 17, 2022 to commemorate International Men's Day. The panel included leaders of men's and LGBTQ groups from Jamaica and Grenada.

The RCO collaborated with the Centre for Reparations Research, National Reparations Council, the United Maroon Indigenous Peoples and the Yamaye Council of Indigenous Leaders (YCOIL), to host the UN Special Rapporteur on Indigenous Peoples (IPs) Rights, Mr. José Francisco Cali Tzay, in Jamaica and at The UWI from March 25–April 2, 2023. Several events held during the visit included: a breakfast with members of The UWI community; visits with a delegation of International IPs to IP communities in rural Jamaica, a public lecture which was delivered by the Special Rapporteur (<https://uwitv.global/video/un-special-rapporteur-public-lecture/>) and a meeting with the Honourable Olivia Grange, Minister of Culture, Gender, Entertainment and Sport, on March 5, 2023. Other outreach activities for the RCO included: i) the annual handbag project which was well supported by members of The UWI community; ii) Child's Month empowerment session held at the Amy Jacques Garvey Centre and coordinated by IGDS-RCO staff and students, and supported by the Excelsior Community College; and iii) public education activities around the International Day for the Elimination of Violence against Women and the 16 Days of Activism.

PROJECTS

For the period under review, the IGDS - RCO carried out the following projects and consultancy:

- *UNDP Spotlight Initiative Project: Legislative Reform to Eliminate Violence against Women and Girls and Family Violence in Jamaica:* The IGDS partnered with Eve for Life on this project which was conducted in Jamaica from January – July 2023. The project sought to build awareness and strengthen the capacity of civil society partners in their advocacy for reform of national laws and policies on violence against women and girls (VAWG) and family violence (FV), particularly the Sexual Harassment Act and the Domestic Violence Act. Deliverables from the project included:
 - Five Capacity building and training workshops on the Sexual Harassment and the Domestic Violence Acts with representatives from CSOs including rural women, people living with disabilities, LGBTQIA+ community, men and boys from ‘hot spot’ parishes. Workshops were held in St Thomas (April 21); Clarendon (April 25); Westmoreland (May 9), LGBTQI persons (May 11); and Persons with Disabilities in Kingston (May 17); ii) Development of training manual to support CSOs training and advocacy on legislation to eliminate VAWG and FV; iii) Legislative review and gender analysis of the Domestic Violence and Sexual Harassment Laws; iv) Public awareness campaign which included design and preparation of brochures and braille booklets, to share the contents of both legislations, and advocate for legal reform to increase protection for women and girls; v) publication of a training manual; vi) implementation of the national media campaign; and vii) preparation of a final technical report. The project lead was Dr Natasha Mortley.
- *UNDP Spotlight Initiative Caribbean Regional Programme: Strengthening Regional Cooperation to prevent and respond to family violence in the Caribbean Project:* The aim of the project was to conduct training with the staff of Gender Bureaus in seven Caribbean countries (Grenada, St Lucia, Trinidad and Tobago, Guyana, Jamaica, Belize and Haiti). Other deliverables from the project included: the Inception and the Preliminary Pre-Assessment Training Needs Reports, a survey instrument, the Women’s Economic Empowerment (WEE) Initiatives guide, training material and a final report. The project was conducted between October 2021–August 2022. The principal investigator was Professor Paula Morgan.
- *The US Public Diplomacy Small Grants Project* The project involved implementation of a dialogic island-wide performance-exhibition education campaign. It was conducted from October 2021 to August 2022, with deliverables including scripting, storyboard, and audio-visual recording of a catalyst video. Viewing of the catalyst video, and response documentary, were held on December 8, 2022, in collaboration with the US Embassy. The project was led by Dr. Imani Tafari-Ama.

- UNESCO Caribbean Sheroes Initiative (CSI) Phase II Transforming MENTalities Initiative:* This phase of the project was conducted from June to November 2022, with the Caribbean Sheroes Academy: Transforming MENTalities Edition. The Sheroes Academy included virtual sessions, held on November 15–17, 2022 with thirty (30) Caribbean youth advocates. Training sessions were based on the launched UNESCO Training Manual on Gender Equality, Advocacy and Development (especially Module 6 on Caribbean Masculinities), and the CSO Toolkit on Gender Equality, which were also deliverables for this phase of the project. Presenters included: IGDS-RCO staff members: Dr. Natasha Mortley, Dr. Dalea Bean, Professor Paula Morgan, Professor Diana Fox, and Dr. Steffon Campbell (IGDS, Mona Unit), Paula Isturizo (UNESCO) and Stevan ‘Coach’ Lynn (Founder and CEO of Deeds Driven Dads Inc, Fatherhood Coalition and The Future Fathers Club). Due to the success of the Sheroes Academy, UNESCO extended the project to allow for a one-day training workshop with the Caribbean Youth Advocates, which was held on December 19, 2022. The workshop was delivered by Dr. Bean, who presented on ‘Gender Equality, Advocacy and Development: Transforming Masculinities Edition’. Participants of the Sheroes Academy also gave testimonials on “Being a Youth Activist” and shared their experiences of participating in the Academy. Dr Natasha Mortley was the project lead.
- USAID Positive Pathways Activity in Jamaica Project* in partnership with the Peace and Love in Society (PALS) was conducted during March–July 2022. The project was aimed at implementing a community transformation-through-training (C-TTT) initiative in three Kingston communities (Jones Town–June 25 & July 16 -, and Denham Town–July 2, 2022, and Hannah Town–July 30, 2022). The training focused on domestic, community, and gender-based violence (GBV), affecting women, girls and young males. The project was led by Dr Imani Tafari-Ama.
- New Consultancy/Project:** *Expanding Capacity: Collaborative Participatory Action Research in the Caribbean Region through a Decolonial Gender Approach to Achieve Self-Determination:* This consultancy is a CDB Indigenous Peoples (IPs) Initiative Engagement and Research with objectives: to advise on a programme of activities and interventions to strengthen the CDB’s engagement with IPs as well as lead the production and presentation of research on IPs in the region, towards helping to inform the Bank’s programme of work. Project activities will be undertaken in two phases: Phase 1 involved a rapid data collection to assess the IPs needs, preparation of ‘Ethical Guidelines’ to establish principles of engagement with IPs, and participation in the Bank’s annual conference held in June 2023. Phase 2 will include an in-depth field research in IP communities in six (6) Caribbean islands. This regional project will be coordinated by the RCO and implemented in collaboration with the IGDS St Augustine and Nita Barrow (Cave Hill) Units.

MEMORANDA OF UNDERSTANDING

The IGDS-RCO activated MOUs reflecting North-South and South-South partnerships. IGDS-RCO sought opportunities to collaborate with other academic institutions whose ethos align with the IGDS and The UWI's, and which would benefit both students and staff. The following were Memoranda of Understanding which were negotiated during the reporting period:

MOU with Human Science Research Council – Cape Town: This 3–5 year partnership for research, policy and publications were negotiated during AY2022/2023, Semester 2. A joint seminar on 'Gender-Based Violence in the Caribbean and South African Regions' was held in February 13, 2023 under the MOU. The documents were submitted to the legal teams of The UWI and The Human Sciences Research Council for final review and signatures.

MOU with University of Iceland (Erasmus Agreement) and The UWI: This Agreement allows for staff to participate in collaborative meetings, public fora and education on gender and development matters. Dr. Dalea Bean visited the University of Iceland under the Agreement, from April 11–23, 2023. She participated in training sessions and met with her counterparts at the University of Iceland. She also met with IGDS-RCO student Orlando Pearce who was selected for the Erasmus+ and GRÓ Gender Equality Studies and Training (GRÓ GEST) scholarship. He participated and graduated from the GRÓ GEST postgraduate diploma programme in International Gender Equality Studies, held from January to May 2023.

MOU with University of Luxembourg: The IGDS/UWI entered this partnership with the University of Luxembourg for joint PhDs, supervision, seminars, and joint lectures. During the reporting period, one PhD candidate Linnet Reid received joint supervision in Gender, vulnerability, and Climate resilience. Dr Natasha Mortley also delivered a guest lecture virtually in the RISE-RISC Doctoral School, University of Luxembourg's Summer School in September 2022. Lecture: "Caribbean Migration and Development – Comparative Sustainable Regional Integration."

PAPERS PRESENTED

Professor Diana Fox:

- Chaired, and presented the opening welcome talk on Transnational Feminist Partnerships at the 9th World Conference on Women's Studies 2023, held in Thailand from May 11–12, 2023.
- Presented a virtual talk titled: "Stories are Everywhere: An Anthropological Lens into Folkloric Analysis" for The English Lyceum's Inaugural Session, Calcutta University, India.

- Presented a virtual talk titled: “Feminist Political Ecology”, on May 1, 2023, on *Interface*, an Interdisciplinary Research and Lecture platform for the Bankura University, India.
- Delivered the 14th Gender and Development Lecture, Edna Manley College of the Visual and Performing Arts; titled: “Development Beyond Borders: An Experiential Journey Through Gender Equity, Japan to Nepal”, on March 2, 2023.
- Presented: “Feminist Decolonial Partnerships: Anthropology of Social Movement Activism, in Trinidad and Tobago”, on February 22, 2023, at WITS Centre for Diversity Studies, the University of the Witwatersrand, Johannesburg, South Africa.
- Presented: “Achieving Gender Justice for Caribbean Futures: Contributions of the IGDS”, at the 3rd Annual Caribbean Future Summit, held on October 25, 2022.
- Presented: “Planetary Health and Ecojustice: Food Systems and Foodways”, at the Conference on Sustainability in Education, sponsored by The Association for the Advancement of Sustainability in Higher Education [Attend the #GCSHE! (aashe.org)], October 2022.

Dr. Dalea Bean

- Presented: “Current Trends in Gender and Education: A Focus on Male Education” The Future Teacher Kit Initiative Forum with Policy Makers. UNESCO cluster office for the Caribbean and German Development Agency (GIZ) April 27, 2023
- Discussant: “Positionally, identity, centering the self: A personal journey into decoloniality.” Decolonisation of Higher Education: Perspectives from post-colonial contexts: ‘Decolon-Ice’. University of Iceland, April 13, 2023.
- Presented: “The Importance of Gender in Education: Overcoming Bias in the classroom.” The Future Teacher Kit Initiative Forum with Secondary Teachers. UNESCO cluster office for the Caribbean and German Development Agency (GIZ) April 3, 2023.
- Presented: “Caribbean Sex Workers Through Historical and Contemporary Lenses”, IGDS Women’s Day Symposium, March 8, 2023.
- Presented: “Gendering a culture of violence: An Overview of GBV in Jamaica and the Caribbean Region” Human Rights Research Council, South Africa, February 13, 2023.
- Presented: “Critical Concepts in Gender and Gender Mainstreaming”: UNDP Jamaica October 21, 2022.

Dr. Natasha Mortley

- Presented: “Conversations on Migration in the Caribbean: The Current Status and Trends on Migration”, IOM Coordination Office for the Caribbean. July 26, 2023.
- Presented: “Caribbean Women and Migration: Situations of Conflict and Violence”. International Migration Studies Work group, Bridgewater State University. May 1, 2023 (25 slides).
- Presented: “Qualitative Approaches and Methods for the Collection of Violence Against Women and Girls Data.” UN Women and CARICOM Regional Workshop, April 18 and 19, 2023 (slides).
- Presented: “Contemporary Caribbean Masculinities and GBV: Research, Policy and Advocacy.” Human Science Research Council, Cape Town, February 13, 2023 (30 slides).
- Presented: “Intersecting Vulnerabilities and Experiences of GBV in Jamaica.” Sexual Violence Research Initiative Conference. Cancun, Mexico, September 19–23, 2022. (23 slides)
- Presented: OECS Programme and Strategic Priorities: OECS and IOM Migration Working Group special meeting and presentation to the Director General of the OECS Commission, September 26, 2022 (10 slides).
- Guest Lecture: “Caribbean Migration and Development – Comparative Sustainable Regional Integration.” Invited. RISE-RISC Doctoral School, University of Luxembourg, September 13, 2022.
- Presented: “Masculinities and Criminal Violence: Bridging the Gap between Research and Practice Jamaica”. National Dialogue, CARIMAN, August 23, 2022. (33 slides).

PUBLIC SERVICE**Dr. Dalea Bean**

- Member: UWI Governance Implementation – Academic Governance Sub-committee, 2022
- Committee Member – Jamaica 60 Diamond Jubilee Awards for Excellence. Ministry of Culture, Gender, Entertainment and Sport, 2022
- Assistant Chief Examiner for CSEC History
- Distinguished President of the Kiwanis Club of Young Professionals, Kingston
- Editorial Committee Member: *The Caribbean Journal of Strategic and Security Studies*

Professor Diana Fox

- Sexualities Working Group of the Caribbean Studies Association (CSA);
- International Advisory Board of the Fondes Amandes Community Reforestation Project (FACRP) in Trinidad and Tobago;
- Board of Friends of ADWAN (Association of Dalit Women's Advancement Nepal);
- Asian-African Association for Women, Gender and Sexuality;
- Founder and Editor Journal of International Women's Studies since 1999 (online);
- American Anthropological Association; Society for Feminist Anthropology
- Deputy President, Academic Governing Body, the International Institute of Knowledge Management (TIKM), Sri Lanka.

Dr. Natasha Mortley

- Strategic Advisor to the Director General of the Organization of Eastern Caribbean States (OECS) Commission on Migration and Gender
- OECS Representative: CARICOM Steering Committee for Caribbean Migration Policy
- Member: Organization of Eastern Caribbean States (OECS) and International Organization for Migration (IOM) Working Group on Migration.
- IGDS Representative: Multi-Stakeholder Advisory Committee. Regional Research on Masculinities and Crime (2022–2023).
- IGDS – RCO Representative: UN Women National Steering Committee for Spotlight Initiative on Economic Costing of Gender-Based Violence in Jamaica (2021–2023)
- Member of the Task Force and Peer Reviewer: Caribbean Studies Association (CSA) Journal Committee.
- Member: The African-Caribbean Women's Mobility and Self-fashioning in Post-diaspora Contexts Network. Southbank University, London UK.
- Member: Observatory on African, Caribbean and Pacific (ACP) Migration.
- Member: Commonwealth Scholars Alumni (Jamaica and St. Lucia Chapters).

Dr. Imani Tafari-Ama

- Member: Gender and Rights Advisory Panel (GAP) of the Department of Sexual and Reproductive Health and Research (SRH), which includes the UNDP-UNFPA-UNICEF-WHO-World Bank Special Programme of Research, Development and Research Training in Human Reproduction (HRP).

- Curator, Caribbean participation in the international Climate Fiction (cli fi) Festival, Berlin (August & December 2022).
- Member, National Coalition of Blacks for Reparations in America (N'COBRA), [Global Initiative].
- Advisor to the School of the Sacrament Rastafari University (SOSACRU).
- Research Advisor to the Manchester Peace Coalition (Jamaica).
- Member, Fellow-Me Academy of International Curators.
- Peer reviewer for the 76th King Street Journal Liberty Hall.

AGILITY

INCOME GENERATION

During the AY, the IGDS – RCO continued to generate income from the MSc self-financing programme, and from projects and consultancies as follows:

- UNDP Spotlight Initiative Project: Legislative Reform to Eliminate Violence against Women and Girls and Family Violence in Jamaica – USD45,000.
- Sponsorship for the visit of the United Nations Special Rapporteur on Indigenous Peoples Issues – USD30,000.
- UNDP Spotlight Initiative Caribbean Regional Programme: Strengthening Regional Cooperation to Prevent and Respond to Family Violence in the Caribbean – USD 49,995.00.
- US Public Diplomacy Small Grants Project: Work – USD 24,000.
- UNESCO Caribbean Shereroes Initiative (CSI) Phase 2 (Advocacy Training) Project – USD 7,500.
- USAID Positive Pathways Activity in Jamaica – JMD 1, 200,000.

CONCLUSION

During the AY, the IGDS – RCO made significant progress across the key pillars of the Triple A Strategy, which resulted in significant movements in ‘regionality’ in teaching, research, and outreach. The academic, administrative, and support staff are to be commended for their work to advance the mandate of the Institute and The UWI.



INTERNATIONAL CENTRE FOR ENVIRONMENTAL AND NUCLEAR SCIENCES (ICENS)

Professor Charles Grant, MSc, *University of Surrey, Fellow of the Institute of Physics (FInstP)* – **Director General**

The International Centre for Environmental and Nuclear Sciences (ICENS) had several highlights throughout the year. The year kicked off with Professor Grant brokering a memorandum of understanding between the North-Western University in South Africa and the UWI. Throughout the year the theme of nuclear energy elevated ICENS' profile in the local media, culminating in the ICENS open day and media tour on November 29th, 2022. This media activity also continued following the Prime Minister and Ministers of Science, Energy and Technology (at that time) mentioning nuclear energy and the ICENS role in the feasibility research during the sectoral presentations in Parliament. The progress of JAM 5014 – Establishing a Self-Contained Gamma Irradiation Facility for the Introduction of Sterile Insect Technique and Experimental Mutagenesis and Diagnostic Technologies was also a highlight with the project approaching the phase of installation. Towards the end of the year, several of ICENS' publications were recognized as outstanding by the University.

ACCESS

STUDENTS

The ICENS is a research institution that is a joint venture between the University of the West Indies, Mona Campus, and the Government of Jamaica, under the science portfolio of the Ministry of Science, Energy, Telecommunications and Transport (MSETT). The Centre is involved in several initiatives that have a direct impact on current and prospective students of UWI. Academically Professor Charles Grant, the Director General, continued his supervisory role of post-graduate students including thesis and viva reviews. Mr. Haile Dennis, Reactor Manager, also continued his role as an adjunct lecturer in Electrical Power Engineering (Nuclear) in the

Faculty of Engineering. Dr. Adrian Spence, head of the Atomic Spectroscopy and Wet Chemistry Laboratory and Mr. Johann Antoine, head of the Nuclear Analytical Laboratory, continued their service to the MSc programme in Forensic Science in the Department of Basic Medical Sciences, Faculty of Medical Sciences. Dr. Spence supervised the thesis of Ms. Daltonette Crawford while Mr. Antoine supervised the research of Mr. Wray Williams and Ms. Tamara Lobban, while also serving as an examiner for Ms. Crawford in the oral presentation of her thesis. ICENS also participates in outreach activities that introduce students to UWI and the work of ICENS. One of the major activities was the pilot edition of the Jamaica Nuclear Engineering Bootcamp, organized by Dr. Charlyne Smith of the Breakthrough Institute, USA. The Nuclear Bootcamp, held from July 24–28, 2023, took students from St. Catherine High School through the basics of nuclear power and reactor engineering which included a visit to ICENS where Mr. Antoine gave a lecture and then along with Mr. Dennis gave tours and further information about the JM-1 SLOWPOKE-2 reactor https://www.youtube.com/watch?v=_FYRskxHm5s.

Early in the year (September 11th–14th) Professor Charles Grant visited the North-Western University (NWU) in South Africa where he was invited to serve on a panel for external review of the Unit for Environmental and Sciences Management. Professor Grant also visited the Centre for Applied Radiation and Technology (CARST) at the invitation of the Vice Chancellor and Principal of the NWU, Prof. Bismark Tyobeka, to sign a Memorandum of Understanding (MoU) between CARST and ICENS. The MoU will be signed on February 12, 2024, with a delegation from the NWU visiting the major UWI campuses. Among the areas of cooperation will include student and faculty exchange and collaborative research. Following discussions with the Vice-Chancellor Sir Hilary Beckles the scope of the MoU was extended to be one of cooperation between the NWU and the UWI. The academic year of 2022/2023 saw the ICENS profile significantly enhanced with increased talk of Jamaica considering the addition of nuclear power to its energy mix as well as the project that would bring a multi-purpose gamma irradiator to Jamaica to help fight mosquito-borne diseases using the sterile insect technique (SIT) and to induce beneficial traits in crops. Highlights of the year in this regard included Professor Charles Grant's feature in the Gleaner on Nuclear Energy (<https://jamaica-gleaner.com/article/news/20221106/jamaica-moving-towards-nuclear-energy>), Mr. Johann Antoine's appearance on CVM-TV (<https://www.cvm-tv.com/panel-discussion/jamaicas-nuclear-energy-ambitions>), ICENS' Open Day and Media Tour being featured on TVJ and JIS (<https://jis.gov.jm/photos-icens-open-day-and-media-tour/>) and Mr. Antoine being featured in the Observer related to the gamma irradiator (<https://jis.gov.jm/photos-icens-open-day-and-media-tour/>). Following Prime Minister Andrew Holness' statement on April 28th, 2023 about exploring nuclear power and Minister Daryl Vaz's sectoral presentation, on May 10, 2023, which mentioned Professor Grant by name there was another flurry of activity. This included an

interview with Mr. Antoine in the Jamaica Observer, (<https://www.jamaicaobserver.com/business/icens-gives-technical-support-for-nuclear-energy/>) and a letter of the day in the Gleaner in June by Mr Dennis (<https://jamaica-gleaner.com/article/letters/20230622/letter-day-nuclear-power-could-provide-significant-benefits-jamaica>) and culminating in an article by scientific officer Oshane Hamilton in the July 30th Sunday Gleaner titled “The Potential of Nuclear Energy as Part of the Future Energy Mix in Jamaica.”



Head of the Nuclear Analytical Laboratory at the International Centre for Environmental and Nuclear Sciences (ICENS), Johann Antoine (centre), explains the features of the nuclear reactor at the facility. Listening (from left) are Principal Director, Science Portfolio, Ministry of Science, Energy and Technology, Dr Natwaine Gardner; Director General, ICENS and Professor of Applied Nuclear Sciences, Professor Charles Grant; Chairman of ICENS, Dr. Parris Lyew-Ayee Jr. and ICENS Reactor Engineer, Assistant Research Scientist, Haile Dennis. The occasion was an Open Day and Media Tour of ICENS, which is located on the University of the West Indies (UWI) Mona Campus on Tuesday, November 29.

PUBLICATIONS

The year in review saw several awards being given for the UWI Mona’s recognition of outstanding researchers from 2020–2023. During this triennium, ICENS was recognized as having three outstanding publications: Best Research Publication for “Characterization of microplastics in the surface waters of Kingston Harbour” by Deanna Rose (formerly of ICENS) and Prof. Mona Webber awarded for 2020; Research Project with the Greatest Business/Economic/ Development Impact for “Assessment and Economic Valuation of Coastal Protection Services Provided by Mangroves in Jamaica” which included Dr Adrian Spence of ICENS as an author, also awarded for 2020; and Best Research Publication for “Challenges in the control

of neglected insect vector diseases of human importance in the Anglo-Caribbean” which included Prof. Charles Grant as an author, awarded for 2023. Another highlight was the award of the 2022 Gulbenkian Prize for Humanity to the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) and the Intergovernmental Panel on Climate Change (IPCC) on October 13, 2022. Dr Adrian Spence was a contributing author of the IPCC’s 6th assessment cycle and shared in this award. These awards indicate not only the quality and relevance of ICENS research but also the fact that the strategy of collaboration has been very successful.

Refereed Journal articles

- Spence, A., Wallace, T., Barracks E. “FT-IR spectroscopy analysis of HF-treated mineral soils, a direct approach for deciphering organo-mineral interactions” *MethodsX* 10, 102088 <https://doi.org/10.1016/j.mex.2023.102088>
- Romolo, F.S., Rossi, S.S., Odoardi, S., Mestria, S. Dias, J.F., Chiari, M., **Antoine, J.M.R.** “Nuclear techniques in forensic toxicology.” *Toxicologie Analytique et Clinique* (2022) 34 (3): S72-S73 <https://doi.org/10.1016/j.toxac.2022.06.100>

Conference Publications

- Romolo, F.S., Rossi, S.S., Odoardi, S., Mestria, S. Dias, J.F., Chiari, M., **Antoine, J.M.R.** “Nuclear techniques in forensic toxicology.” The International Association of Forensic Toxicologists (TIAFT) 2022 Versailles, September 5–8, 2022.
- Hoo Fung, L.A.” ICENS: Applications for Consumer Safety, Trade and Business.” Scientific Research Council’s 7th Biennial Science and Technology Conference, Jamaica Pegasus Hotel, November 15–17, 2022.

ALIGNMENT

The year continued with projects aligned with Vision 2030 and the UN’s Sustainable Development Goals (SDG). Specifically, the national IAEA project JAM5014 – Establishing a Self-Contained Gamma Irradiation Facility for the Introduction of Sterile Insect Technique and Experimental Mutagenesis and Diagnostic Technologies addresses Sustainable Development Goal (SDG)#3 Good Health and Well Being and specifically target 3.3.3 and 3.3.5 which according to the WHO’s “Keeping the Vector Out” document includes vector-borne diseases such as Chagas disease, leishmaniosis, dengue, Zika and chikungunya. The crop mutagenesis component of the project addresses SDG #2 Zero Hunger specifically targets 2.3, 2.4, and 2.5 as well as 2a. On March 18th, 2023, Prof. Grant and 3 counterparts of the project went to Vienna for a scientific visit to the irradiation facility and to sign off on the delivery

of the multi-purpose gamma irradiator. ICENS work also continued to address the mitigation of the lead hazard through the work of the Paint and Surface Coatings Technical Committee chaired by Mr. Johann Antoine. This aligns with National Goals 1 and 4 of Vision 2030. This is also the case with Jamaica's representation at the Minamata Convention on Mercury where Ms. Leslie Hoo Fung participated at The Group of Technical Experts on Mercury Thresholds meeting in Geneva from February 16 to 18, 2023 in Geneva, Switzerland. This also aligns with the same National Goals. ICENS research into the feasibility of nuclear power in Jamaica, specifically as it relates to Small Modular Reactors (SMR) aligns with Vision 2030 goal #3 and specifically with national outcome 10: Energy Security and Efficiency.

PAPERS PRESENTED

- **Antoine, J.** “Case Study: Testing of Lead in Paints in Jamaica” UNEP/PAHO/WHO/ Global Alliance to Eliminate Lead Paint/SAICM/ GEF Regional Workshop: Lessons Learned in promoting regulatory and voluntary actions to phase out lead paints in Latin America and the Caribbean, August 9–10, 2022, Panama City.
- **Antoine, J.** Country Case Study: Sampling and Sample Preparation Methods, Laboratory analysis of Lead in paints, Analysis of Lead in Paints with Portable XRF Spectrometers Standard for Paint Lead Testing for Latin America and the Caribbean, September 29th, 2022



Standing from L-R: Dr Charah Watson and Dr. Ryan Francis of the Scientific Research Council, Mrs. Sherine Huntley-Jones of the Ministry of Health and Wellness, Mr. Saul Perez, section Head, Division of Technical Cooperation for Latin American and the Caribbean (IAEA), Mr. Dineth Dissanayake, Procurement Officer, Department of Management (IAEA). Seated, Ms. Eunice Bepura, Acting Director, Procurement Services (IAEA), and Professor Charles Grant, Director General, ICENS, signing off on the delivery of the gamma irradiator.

PUBLIC SERVICE

The Paints and Surface Coatings Technical Committee chaired by Johann Antoine won Technical Committee of the Year. The National Food Standards Technical Committee with member and former Chair Leslie Hoo Fung placed third.

Mr Johann Antoine

- Chair, Paint and Surface Coatings Technical Committee, Bureau of Standards Jamaica, 2021 to present
- Vice-chair, Chair, National Mirror Committee/ISO TC/93 Starch (including derivatives and by-products), Bureau of Standards Jamaica, 2019 to present.

Professor Charles Grant

- Member of National Bioethics Committee;
- ARCAL National Coordinator (Jamaica), and member of the ARCAL;
- Technical Coordination Board (OCTA which oversees all ARCAL Projects);
- Member, Ministry of Energy Committee on Nuclear Energy as an option for Jamaica;
- Member, NEPA/UNDP Committee for renewable wave energy technologies for the generation of electric power in small coastal communities in Jamaica;
- National Coordinator for Incident Reporting System for Research Reactors;
- National Coordinator, IAEA Radiation Safety Information Management System; (RASIMS);
- Chair, Hazardous Laboratory Waste Ad-Hoc Committee (Ministry of Science, Energy and Technology/ National Commission on Science and Technology).
- Fellow, Institute of Physics

Ms. Leslie Hoo Fung

- Member, National Food Standards Committee (ISO TC34 Mirror committee, convened by the Bureau of Standards, Jamaica)
- ISO/IEC 17025 Assessor, Jamaica National Agency For Accreditation
- Member, Codex Committee on Methods of Analysis and Sampling (subcommittee, Jamaica)
- Member/ Technical Advisor, Hazardous and Laboratory Waste Ad-Hoc Committee (HALWAC) – Treatment, Disposal and Laboratory Guidelines Subcommittee, National Commission on Science and Technology/Ministry of Science, Energy and Technology, Jamaica
- Royal Society of Chemistry, May 2012–Present
- AOAC International, April 2016–Present
- Member, National Water Quality Technical Committee

Dr Adrian Spence

- Member of the Geochemical Society;
- Member of the American Chemical Society;
- Member of the Royal Society of Chemistry;
- Chemistry Ambassador and Co-Advisor, American Chemical Society (ACS) Student Chapter, UWI.

AGILITY

INCOME GENERATION

The ICENS generates income from four main sources: through its major commercial activity of Thermoluminescence Dosimetry (TLD) services, radiation survey and protection services, commercial analytical services, and grant funding through projects. As commercial activity continued to recover from the pandemic.

The ICENS, as mentioned, generates income through grant funding from several projects, either entirely administered by the Centre or where the ICENS is the lead or participating organization representing the member state. These include:

- CRP D52042 – “Implementation of Nuclear Techniques for Authentication of Foods with High-Value Labelling Claims” running from March 2019 to March 2024 and earmarked to receive total funding of €35,000.
- JAM1001 – “Upgrade of Reactor Infrastructure at the University of West Indies SLOWPOKE Facility JM-1” – which had a start date of January 2016 and is ongoing and the budget for this project is €810,000.00.
- JAM5014 – “Establishing a Self-Contained Gamma Irradiation Facility for the Introduction of Sterile Insect Technique and Experimental Mutagenesis and Diagnostic Technologies”, this national project was approved in January 2020 with an initial budget of €750,000.00.
- RLA1022 – “Improving the Satisfaction of Regional Demand for Products and Services of Nuclear Research Reactors (ARCAL CLXXX)” with a total budget allocation of total IAEA budget allocated for this regional project to date is €625,525.00.
- RLA5089 – “Evaluating the Impact of Heavy Metals and Other Pollutants on Soils Contaminated by Anthropogenic Activities and Natural Origin (ARCAL CLXXVII)” commencing in 2022 with a total budget of €1,393,800.00.
- RLA9087 – “Building Strength and Sustaining the National Regulatory Bodies” commencing in January 2020 and closing in December 2023.



MONA AGEING AND WELLNESS CENTRE

Denise Eldemire-Shearer, PhD, MBBS – Executive Director, MAWC

WORK OF MONA AGEING AND WELLNESS CENTRE

For the period under review, the Mona Ageing and Wellness Centre (MAWC) demonstrated its commitment to improving the health and well-being of older adults through innovative ageing research, teaching and community outreach.

ACCESS

TEACHING/TRAINING

The Centre pursued several initiatives prior to and during the review period to attract new students to its programmes, enhance student experience, and improve student academic development.

Degree Programmes

One new student and six continuing students pursued courses in the Gerontology track of the Master of Public Health programme for the 2022/2023 academic year. From this group two students completed all courses and exams and have been recommended for award of the Degree. The remaining students will continue the programme in the 2023/2024 academic year. The Post-Graduate Diploma, Gerontology programme had an intake of three new students, all of whom have now completed all courses in the year-long programme and have been recommended for award of the Diploma.

The Centre was successful in establishing a partnership arrangement with Sandilands Rehabilitation Centre in Nassau, Bahamas which allows students enrolled in the Post-Graduate Diploma in Geriatric Medicine programme to participate in a short elective rotation at the facility. This inclusion bolsters the clinical component of the

programme affording the students an experience they are unlikely to get anywhere else in The Caribbean. One of the two new students who enrolled in the programme in August 2022 pursued this elective rotation for a three week period in July 2023. The other student is scheduled to do same in September 2023.

We continue to engage with alumni, professional associations, governments, and international development partners to promote our programmes. Advertising through traditional and social media is also undertaken, using student testimonials to complement basic programme information. This year as part of our Careers in Ageing Week activities (March 26–April 1, 2023), MAWC team members led career talks with UWI Mona final year students in medicine and social work to inform them of career options in the field of ageing and training opportunities at the MAWC. The Centre also participated in a Career Exposition at Excelsior Community College on March 16, 2023.

Non-Degree programmes

MAWC in partnership with the Board of Supervision (BOS), Ministry of Local Government and Rural Development hosted a 300-hour Certificate in Poor Relief and Human Services Administration training. This training targets members of staff of the Poor Relief Department and Infirmaries, and is a part of the process of confirming/promoting staff. A total of 28 participants from 10 parishes and two other departments/agencies were engaged in the programme. Teaching concluded at the end of July 2023 with final exams in August 2023. This is the second time in recent years that MAWC has partnered with the BOS and the Ministry to host this training exercise. A graduation ceremony is being proposed for November 2023 in commemoration of Local Government Month. The graduation is also expected to include the cohort of 32 participants who were trained in the 2020 staging of the programme.

MAWC hosted three 1-day training exercises in First Aid & CPR in November 2022 for a total of 56 participants. The participants were primarily UWI Staff from various departments.

COMMUNITY SERVICE & OUTREACH

Over the review period the MAWC provided community support and services for older persons, their relatives, caregivers, and communities in general.

Vaccination Activities

In partnership with the Ministry of Health and Wellness, COVID-19 vaccine administration continued over the review period, subject to vaccine availability in the country. The Influenza vaccine was also added to the offerings.

Computer Classes

Computer classes for older adults have been suspended. The programme is under review and a more expansive information technology programme is being designed to address the needs of older adults.

Gym

The gym was reopened in July 2023. MAWC staff facilitate supervised exercise sessions twice a week at no cost to adults 60 years and over. Benefits of the exercise programme are already evident with improvements in clients' health and fitness (determined objectively and subjectively).

Dissemination of Ageing Information

The Centre hosted four webinars and participated in one on-Campus wellness event over the period. The first webinar held August 5, 2022 was dubbed 'Re-ignited for Purpose' and was held in recognition of Jamaica's 60th anniversary of independence. Panellists reflected on the 1962 celebrations in Jamaica and discussed older adults' role in modern Jamaica. The second webinar, 'Navigating Dementia' (August 10, 2022), targeted the general public and caregivers to persons with dementia in two concurrent sessions. The session for the general public was focussed on increasing awareness about the condition while the session for caregivers provided space for those affected by dementia to share struggles, exchange ideas, and learn coping strategies. The remaining two webinars were held during the afore-mentioned *Careers in Ageing Week*. One featured men in the field of ageing and explored the role and value of men as advocates and programme leaders in ageing. The other explored engaging seniors through art and discussed possible benefits including social, emotional, and physical benefits.

MAWC participated in the UWI Wellness Day activities on March 22, 2023. We had a booth display and disseminated information focussing on a life course approach to health and wellness. We also provided COVID-19 vaccination services. Our involvement in this Campus-wide initiative provided the opportunity share with internal stakeholders and promote the message of health and wellness within our Campus community.

The Centre continued the online initiative of engaging the public through its Facebook and Instagram pages. These channels allow for the disseminating of valuable information to the public on a variety of topical ageing issues and allows for mutual exchanges between the Centre and its stakeholders. We are developing a social media strategy for more focused and consistent engagement with our audiences.

Health Fairs

On July 25, 2023 MAWC supported with the Ministry of Health and Wellness' "Know your Numbers" campaign in the co-hosting of a health fair in the St. Andrew Eastern Constituency. In addition to jointly organizing the event, MAWC provide geriatric screening services and checks for attendees 60 years and older.

Day Centre

Effective April 1, 2023, a house located at West Road on the Mona Campus was assigned to MAWC to support our Activity Day Centre programme which is being established as part of initiatives under an existing Technical Cooperation Agreement with the Inter-American Development Bank (IDB). The house will be retrofitted to enhance accessibility and age-friendliness. MAWC will undertake fundraising initiatives and seek donations to support the retrofitting of this facility. The Day Centre is expected to meet a critical service need in the area of community-based long term care and will serve as a model for the Region.

ALIGNMENT

SCHOLARLY WORK

Papers/Posters Presented at Scientific Meetings

- Edwards, T. "Quality of life, depression, anxiety and stress among older adults living with HIV/AIDS in Kingston and St Andrew, Jamaica during the COVID-19 pandemic." Poster presented at the Caribbean Public Health Agency (CARPHA) 67th Annual Health Research Conference held in Nassau, The Bahamas. April 27–29, 2023.
- Eldemire-Shearer, D. "Caregiving in Jamaica." Paper (Abstract) presented at the International Federation on Ageing (IFA) 16th Global Conference on Ageing held in Bangkok, Thailand. June 27–30, 2023.
- Willie-Tyndale, D and Eldemire-Shearer, D. "Potential barriers to seeking and utilising sexual health services among women 50 years and older: Insights from Jamaica." Paper (Abstract) presented at the International Federation on Ageing (IFA) 16th Global Conference on Ageing held in Bangkok, Thailand. June 27–30, 2023.

PUBLICATIONS

Peer-Reviewed (Published)

- Odle-James, T., & **Willie-Tyndale, D.** (2023). Companions' Chronicles: experiences of home care workers in the Community Elder Care (Companion) Programme in Barbados. *Journal of Applied Gerontology*, 42(4), 589–96.

PUBLIC SERVICE

MAWC academic staff members continue to serve in various capacities locally and internationally.

Professor Denise Eldemire-Shearer, PhD

2022	Member, Selection Committee for the Jamaica 60 Diamond Jubilee Awards for Excellence
2022	Chair, National Planning and Execution Committee for Health-care Workers Appreciation
2021–Present	Chair, Prescriptive Rights For Nurse Practitioners Committee
2020–Present	Member of National Coordinating Committee Vaccine Implementation
2018–Present	Member of the Services Commission
2017–Present	Chair, MOHW research subcommittee
2017–Present	Member of Ministry of Health TWG on Health
2016–2019	Member of 10-Year Strategic Plan Ministry of Health
2016–Present	Member, PIOJ Health TWL/Vision 20/30
2016–2018	Member of PIOJ Task Force of Poverty Reduction
2016–2021	UHWI Hospital Board
2016–Present	Honorary Chair, Caribbean Community Retired Persons
2016–2017	Member of Homeless Task Force Ministry of Health
2014–Present	Member, International Federation on Ageing (IFA)
2011–2016	Chairman, Caribbean Community Retired Persons
2010–2011	UHWI Hospital Board – Minister's Representative
2007–Present	Patron National Council for Senior Citizens
2003–2015	Chairman of Board of Supervision
2002–Present	Member, Central Health Committee
2003–2006	Member, National Advisory Board on Disability, Ministry of Labour and Social Security

2002–Present	Member, Central Health Committee
2002	Ministerial Task Force on Volunteer Programmes for Universities. Ministry of Social Security
2000–2002	Deputy Chairman, Board of Supervision, Ministry of Local Government.
1999	Chairman, International Year of Older Persons Activities.
1998–2010	Deputy Chairman, Golden Age Home, Ministry of Local Government.
1998–2001	Deputy Chairman, Management Committee JADEP Programme.
1996	Consultant to Boston University IDB Health Sector rationalization Project for Barbados.
1996–2003	Member, Task Force on Pension Reform.
1994–1999	Board Member, Food for the Poor.
1989–1993	Member, Verley Home Board of Directors.
1989	Member, Government Task Force National five-year plan.
1987–1995	Member, United Way of Jamaica.
1988–Present	Member, Foundation Member, Caribbean Public Health Association (CARPHA)
1987–2006	Chairman, National Council for Senior Citizens.
1984–1998	Board Member Golden Age Home, Ministry of Local Government.
1984–1992	Member, American College of Preventive Medicine
1984–1992	Member, National Council for the Aged.
1987–Present	Executive Director, Action Ageing Jamaica
1987–Present	Member, Medical Association of Jamaica (MAJ)
1982–Present	Member, Gerontological Society of America

Douladel Willie-Tyndale, PhD

2014–Present	Member, Gerontological Society of America
2014–Present	Member, International Federation on Ageing (IFA)

Julian M'Koy Davis, PhD

2022–Present	Member, ON TRAumatiC stress and ageing: a global network (ON TRACK)
2020–Present	Liaison/Advisor, Strategic Management & Training Consultants Career Institute (SMTC CI)

2019–Present	Ad hoc Reviewer, <i>The Gerontologist</i>
2017–Present	Ad hoc Reviewer, <i>Journal of Health Care for the Poor and Under-served</i>
2017–Present	Ad hoc Reviewer, <i>Grand Families: The Contemporary Journal of Research</i>
2016–2023	Board Member, National Council for Senior Citizens
2014–Present	Member, Gerontological Society of America

Kayon Donaldson-Davis, B.Sc. MBBS

2019–Present	Member, Gerontological Society of America
2019–Present	Member, Medical Association of Jamaica
2020–Present	Member, American Geriatrics Society
2021–2023	Board Member, National Council for Senior Citizens

Tanya Edwards, MBBS, MPH

- Member, Kingston and St Andrew Primary Care Doctors Association
- Member, Jamaica American Friendship Association (JAFA)
- Member, Medical Association of Jamaica
- Director, Doctors for Life
- Member, American Geriatrics Society
- Praimanand Singh, MD, MPH, M.Sc.
- Member, Medical Association of Jamaica
- Member, American College of Sports Medicine
- Member, American Association of Emergency Physicians
- Member, International Federation of Sports Medicine
- Select Speaking Engagements (Individuals)

Prof Eldemire-Shearer

- *Medical Issues in vaccinating the elderly*. Caribbean College of Family Physicians Ethics Webinar: August 25, 2022
- Cari-Med Group Ltd & Apotex Inc. Webinar – Panel discussion. October 9, 2022
- *Make mental health & well-being for all a global priority*. Panellist. World Mental Health Awareness 4. October 10, 2022.
- *Caucuscentric*, 3rd Edition of Gender and Sexuality Studies 2022 – Hybrid Event October 24–25, 2022, Dubai, UAE
- *Population ageing: From threat to opportunity*. Panellist. 6th Global Symposium on Low Fertility and Population Ageing. Virtual Event. November 8–10, 2022.

- *The Ageing Physician: knowing when it is appropriate to stop practising*. Ethics Symposium. November 27, 2022
- The Professional Development Committee of WIGUT (Jamaica) workshop on Leadership. March 30th, 2023.
- UDOP: The 28th Annual International Diabetes Conference. April 21, 2023
- *Our World is Ageing: What are the implications for older women?* Keynote address at International Federation on Ageing 16th Global Conference, Bangkok, Thailand June 24–27, 2023.
- Nurse Practitioners' 69th National Seminar "Celebrating nurse practitioners: A Vital Link in the Health Care Chain". July 12, 2023

Dr Douladel Willie-Tyndale

- *Role of the health and care sectors in promoting active ageing, social well-being, and mental health*. Ageing, social well-being, and mental health in the Caribbean: a side event of the Fifth Regional Intergovernmental Conference on Ageing and the Rights of Older Persons Santiago, Chile, December 13–15, 2022.
- *Selected Case-Based Presentations – Health*. EU-LAC Policy Dialogue on Ageism and Social Inclusion Promotion of the Rights of Older Persons. Virtual Event, July 12, 2023.

Dr Julian McKoy Davis

- *Legislative framework for protecting the health of older adults in Jamaica*. Guest Speaker. UWI School of Physical Therapy Virtual Seminar. June 28, 2023.
- *Preparedness – How do I know that I am Ready?* Guest Speaker. Scotia Pre-Retirement Seminar. June 15, 2023.
- *Ministry, My Pursuits... My Priority*. Guest Speaker. Church of the Firstborn Bible Institute. February 19, 2023
- *Make mental health & well-being for all a global priority*. Panellist. World Mental Health Awareness Day Event. University of Technology, The School of Humanities and Social Sciences. October 10, 2022.
- *Know Dementia, Know Alzheimer's*. Radio Interview. Let's Talk Health. NCU Media September 27, 2022.
- *Alzheimer's Awareness*. Radio Interview. Moment of Hope. Love 101 FM. Aired September 18, 2022

Dr. Kayon Donaldson-Davis

- *Healthy Ageing*. Webinar. Order of St. Luke, Liguanea Chapter, Church of St. Margaret. October 18, 2022.

Dr. Tanya Edwards

- HIV and the Older adult. Radio Interview. Love FM. December 2022.
- *Ageing and Health Issues*. Mona Baptist Church H.E.L.P. Ministry. May 9, 2023
- *Dementia: Signs and symptoms and management*. Radio Interview. NCU FM. June 6, 2023.
- *COVID-19: Precautions to be taken to avoid contracting the disease*. Radio Interview. RJR 94 FM. July 24, 2023.

AGILITY

INCOME GENERATION

No new grants were obtained over the review period.

Projects

MAWC is exploring avenues to fulfil our co-funding obligations under the existing Technical Cooperation Agreement with the IDB. We are engaging potential donors and sharing the vision to generate stakeholder interest and obtain financial commitment. The prospects are promising.

Research Projects

The Centre is awaiting disbursement of funds from the Ministry of Health and Wellness, Jamaica to support data collection activities for the study on “Breast Cancer Burden and Screening Strategies in Jamaica”. The research grant of \$1.5 million dollars was awarded to Dr Kayon Donaldson-Davis in 2019. The project was approved by Mona Campus Research Ethics Committee.

The Centre has received a commitment (and is awaiting disbursement of funds) from the Ministry of Health and Wellness to support its Midlife (age 40–59) Study on Health, Work and Retirement Planning in Jamaica. Funding is through the Ministry’s Research for Wellness Fund and Professor Denise Eldemire-Shearer is the project’s Principal Investigator. We intend to collect data electronically in the field. This will be a first for MAWC on a large study. Preparatory work for electronic data capture is underway.



THE UWI MONA WESTERN JAMAICA CAMPUS Montego Bay, Jamaica

Year ending July 31, 2023



**PATRICK PRENDERGAST, PHD
CAMPUS DIRECTOR**

Overview

The University of the West Indies, Mona – Western Jamaica Campus (WJC) completed its 15th year of operations in the city of Montego Bay with heightened expectancy and an ambivalent sense of hope. This was primarily due to the negative impact of the austere financial realities coupled with increased demand on a physical plant that still requires constant repurposing. During the latter half of the year, in particular, the financial and infrastructural challenges further provoked pre-existing anxieties about the consequences of falling new student registrations, gaps in recruiting and retaining qualified faculty, and returning to face-to-face teaching with inadequate capacity to sustain the campus' success agenda.

For the period under review the new students registration fell to the lowest since the establishment of the campus in 2008 (118 v. 179); but the returning students rate was still high enough to keep the overall campus enrollment at just about two-thirds of its pre-Covid total (613 v. 904). There were also continued streamlining of the academic offerings, including termination of two programmes and suspension of several courses, and a stubborn reluctance to strategically reduce the campus' over dependence on adjunct engagement. Nevertheless, the WJC managed to ride with the tides delivering notable successes in several undertakings aimed at maintaining its vision as a center of excellence in higher education for Western Jamaica and the global marketplace.

The academic year 2022/23 also saw increased faculty engagement in academic and industry conferences, lectures, seminars and publications as well as between the academy and the community. Among the events on which the campus had lead responsibility were the Western Regional Mental Health Conference Virtual Edition 2.0 (October 12–13), the 2nd biennial Caribbean Sustainable Cities Conference – GS2.2022 (November 16–18); and the first Jamaica Youth Tourism Summit – Future-Proofing Tourism For Us delivered as a course project in the tourism management programme (December 1). All of which not only demonstrated our alignment with the industry and community but also kept critical audience eyes, ears, and minds on the campus.

Beyond that, the UWI Mona WJC's reputation for higher level leadership and involvement across multiple spheres of life in the western region – health and wellness, education, municipal governance, sustainable cities and communities,

commerce and industry, and community enterprise – remain strong success points upon which the next 15 years must be expanded and celebrated. The campus must, as a matter of priority, embrace and plan for the many opportunities that will significantly increase both local and international student enrollment, introduce the new programmatic initiatives being developed over the last few years, convert the strong local and international business and educational partnerships into active development of the physical plant, enhance faculty and staff professional experience, engage our growing impact-making alumni, and advance the culture of student success upon which it has been steadily building since its establishment in the city of Montego Bay. Strong universities make for stronger communities.

THE WJC BOLD, RESPONSIVE AND RESILIENT IN 22/23

The following sections highlight the story of the WJC in relation to specific areas of the UWI's Triple-A Strategy. A special note is that the 2022/23 academic year would have been both the 15th year of WJC's operation in the city of Montego Bay and the start of the new 2022–2027 strategic period for the University.

ACCESS – ENHANCING QUALITY, PROMOTING SUCCESS

The full resumption of teaching in the landed space also required greater effort at developing and promoting initiatives aimed at introducing and reconnecting students both to each other and to programmes designed to support individual growth and development – especially in student services. From as early as Orientation 2022 both faculty and staff were proactively engaged as academic advisors and in promoting the value of academic advisement to a quality student experience for all. Three more members of faculty enrolled in MPhil/PhD programmes – two in nursing and one in management. Two of our nursing educators were also trained in the EU/Ministry of National Security sponsored Psychological First Aid (PFA) and one graduated as a Critical Care Nurse.

The campus also participated at various levels in a number of local fundraising initiatives – especially those aimed at providing financial support to students. For example, the Montego Bay City Run returned with tremendous success in May 2023. This Run was established to specifically help tertiary students fund their education, and we were happy to maintain our longstanding service on the Committee responsible for staging the event. Additionally, the return of the WJC Honor Student Society Awards – which was designed to recognize and celebrate academic excellence for just that, and the UWISON students gaining one hundred percent passes in the Regional Examination for Nurse Registration (**REN**R) (both in October) served as important indicators of the achievements made in the promotion of a culture of student success at the WJC.

The marketing and promotion of the UWI Mona WJC as an innovative, diverse, and student-centred University space within which aspirants could “Find Your Bold” was further expanded to include active participation in community-based social and cultural events hosted by both public and private organizations across the entire Western half of Jamaica. There were also special advertising and public relations activities in local, mainstream and social media spaces. Of particular note was the introduction of a Community Media and Open Information Day by the CARIMAC students. This featured a Caribbean community media symposium, a public lecture, and outside broadcasts with two radio stations all of which brought significant presence, attention, and interest to the WJC.

The general thrust was to position the WJC as an agile and responsive community-focused place for successfully realizing personal and professional goals. So while there was an increased presence of the third and fourth year nursing students at several community outreach and health & wellness activities across the region, the UWISON was also conducting interviews and making offers earlier than traditionally obtained in direct response to the market concerns about late notice of admissions.

PUBLICATIONS

- **Obika, A.** (2023). “Toward a Governance Model for the Caribbean Film Industry: An Exploration of the Jamaican Film Industry.” *The Journal of Communication and Media Studies* 8(2): 1–9. doi:10.18848/2470-9247/CGP/v08i02/1-9.

ALIGNMENT

BUILDING PARTNERSHIPS. STRENGTHENING SOCIETY

Some new and ongoing initiatives that kept the flag of the academy flying at respectable levels emerged from advancing the dialogue with industry players and international partner universities and colleges regarding the design of specialized undergraduate degrees and certification programmes. Interest remains strong in engineering, culture and entertainment management, media design and production, human resource development, and mental health leadership. The signing of the corporation agreement with CHEC (January 31) to construct a civil engineering lab at our Irwin property, the UWI Global Health Institute and Partners Meeting held in Kingston (March 10) and the Tourism Educators Forum in Montego Bay (April 21), as well as the participation of James Madison University in our International Study Visit Programme (July 8–31) are signals of great potential for the future.

There was also the MSS UWI 75 Community Lecture in the Glendevon Community (February 21) which was delivered by Assistant Lecturer in Accounting, Miss Nickiesha Gray. Dr Odetha Davis, Adjunct lecturer in tourism and management was panelist on the Women in Hospitality Forum (Virtual) organized by WJC in conjunction with Sandals Corporate University and Castell College, the Foundation arm of the American Hotel and Lodging Association (March 30, 2023); and the Psychological First Aid (PFA) Training which was adapted and delivered by our campus psychotherapist, Dr Jenifer Stuart-Dixon in association with the EU Technical Assistance Team Citizen Security Secretariat of the Ministry of National Security.

Papers Presented

- **Henry, Jevon and Anthony Drummonds.** “The impact of Phishing on Smart City Development: Can Behavioural Economics Provide an Explanation?” presented at the Caribbean Sustainable Cities Conference hosted by UWI Mona WJC, November 16–18, 2022.
- **Henry-Ferguson, V.** “The Lived Experiences of Pregnant Teenagers during the Pandemic”, 33rd Nursing and Midwifery Conference, The UWI School of Nursing, Mona, May 25–26, 2023.
- **Obika, A.** “Notting Hill Carnival: Impact of the Windrush Generation”, Windrush 75 International Conference: Reforming our Futures, London, United Kingdom. June 23–24, 2023.
- **Obika, A.** and Yvette Rowe. “The Carnival in Jamaica Project Update.” Birmingham Centre for Media and Cultural Research (BCMCR) Research Seminar, February 8, 2023 (Online).
- **Obika, A.** “Exploring the Use of Digital Technology in Trinidad’s Virtual Carnival 2021 and Beyond” CARIMAC Research Seminar, The University of the West Indies, Mona, Jamaica, September 21, 2022 (Online).
- **Prendergast, P. W.** “Freedom of the press in Jamaica”. The Inaugural J.A. Lester Spaulding Distinguished Lecture, RJR-Gleaner Communications Broadcast House, May 3, 2023.
- **Prendergast, P. W.** “Let’s connect – Schools, towns and cities: Isolation, anti-social behaviors and the dilemma of building communicative public spaces”, Public Lecture, 2nd Biennial Caribbean Sustainable Cities Conference, Hilton Rose Hall, Montego Bay, Jamaica, November 17, 2022.
- **Prendergast, P. W.** “Conform or transform – Surviving the class of COVID-19”, Western Regional Health Authority Mental Health Conference, October 12, 2022 (Virtual)

PUBLIC SERVICE

- Nurse Educator, Veronica Waugh-Brown served as a Mentor in the Ministry of Justice Child Diversion programme. She also served as member of the Child Protection Committee at the Cornwall Regional Hospital along with UWISON-WJC colleague, Dacia Neita-Chambers. UWISON-WJC Coordinator, Verona Henry-Ferguson served as Chairperson of the Nurse Educators' Special Interest Group – Nurses Association of Jamaica, and Facilitator of the Continuing Education for Nurses, In-service Education Department at Cornwall Regional Hospital.
- From November 2022 to February 2023, Dr. Alpha Obika served as an Expert Interviewer for the University of the West Indies, St. Augustine Campus' Department of Literary, Cultural and Communication Studies. The 4-month long process involved screening, shortlisting and interviewing prospecting candidates for 2 available positions. He also served from January to March 2023 as the Jamaica Country Expert for the Digital Society Project's "Measuring Internet Politics." An extensive survey of Jamaica's communication and telecommunication policy landscape was completed.

AGILITY

SUSTAINABILITY AND CAPACITY BUILDING

Especially in the context of a tighter than expected hold on the purse strings and the continued squeeze on capital projects, extra effort was expended to ensure that all the new and recurring initiatives such as conferences, special seminars, and course projects were fully self-financed, either through participant registration or grants and sponsorship from local and international corporate organizations and development institutions. The three initiatives mentioned here – GS2.2022 Conference (USD110K), the International Student Study Programme (USD20K) and Summer School 2023 (USD17K) – would have returned in 22/23 because of either scheduling design or suspension of the programme for over a three to five year period, but proved to be strong indicators of potential in capacity building.

Faculty and staff were also engaged in new professional development initiatives through the Staff Engagement and Enhancement/Workforce Development Committee. These included an Inclusivity Training Workshop (August 2022) delivered by the UWI Centre for Disabilities Studies on how to relate to students and employees with disabilities, hosting the first Family Health and Wellness Day which covered all areas of health and wellness (October 2022), and a University of Florida Counselling and Wellness Center workshop (June 2023). The Chair of the SEE/WDC

also worked with the Office of Planning and Institutional Research to design and administer a Staff Engagement Survey that would allow for cleaner disaggregation and better understanding of the special organizational culture at the WJC.

CONCLUSION

The UWI Mona WJC is 15. Many objectives are yet to be met. Some may have to be abandoned, some adjusted, but there is a future for UWI Mona in the West. WJC's value to the technological transformation agenda of the campus must be capitalized. Its social and economic value to the city and the region needs deeper dive. The resilience with which it has come through these first fifteen years is part of the spirit and culture of the city and people it serves – a spirit and culture that have so much more to offer a University for teaching, research, and community enterprise and to which a University like ours has much more to return.

For the 2023/2024 academic year, the projection is to increase and sustain the marketing, advertising and promotion of the WJC's boldness, innovation, diversity, and resilience as a University center of excellence in higher education and sustainable development. This will include leveraging the local and international partnerships built over the last 15 years to improve its capacity to meet the physical and technological infrastructure needs of the campus.

We will also seek to expand the effort at building a culture of student success in an environment of quality assurance and global standards of pedagogies, as well as recruit and maintain faculty that will drive both the research and development agenda of the campus and the design and delivery of academic programmes and experiences that draw on the unique historical, sociological, cultural, and economic dynamism of the region and the city of Montego Bay.

Finally, we will seek to increase local and international student enrollment in the identified growth areas in both undergraduate, graduate, and certification and professional development programmes.



THE LIBRARY Mona

Year ending July 31, 2023



PAULETTE KERR
BA, DIP LIB, MA *UWI*, PHD *RUTGERS*
CAMPUS LIBRARIAN

OVERVIEW

The successful implementation of year one of the Library's Strategic and Operational Plans was a hallmark of the 2022–2023 academic year, which was geared towards supporting the Campus in realizing strategic goals of Phase II of the Triple A Strategic Plan: Revenue Revolution. The main areas of focus for the Library under the pillars of Access, Alignment, and Agility, were Digital Transformation, CAMP, and Teaching and Learning through Scholarly Communication. An exciting array of programmes, and services were actualized during the year as the Library intentionally invested in staff training in strategic areas towards equipping them with the requisite skills and knowledge. Despite major financial and human resource constraints, staff of the Mona Library continued to meet and exceed expectations by delivering exceptional service to our internal and external clients. Staff continued to make significant contribution to the profession with their research output resulting in a number of our staff being recognized at the 75th Anniversary Principal's Research Awards Ceremony.

Campus Librarian, Dr. Paulette Kerr proceeded on sabbatical leave August 1, and Deputy Librarian Mrs. Jessica Lewis Marshall ably led the Library for the academic year. Under her leadership the library forged ahead with ongoing projects while exploring new opportunities.

The year under review also saw the transition out of the COVID-19 mode of online service delivery to resumption of full face-to-face engagement. We continued the drive to reaching our patrons 'anywhere anytime' by offering select services in a hybrid mode. Creating safe spaces was of top priority to the Mona Library, and this was realized after a robust space management audit was completed during the summer towards welcoming students to a safe physical facility. In addition, our orientation focus, "A is for everyone: A call to action" was a motivating theme for students. Our spaces were fully utilized, resulting in over 25,000 students using our physical space compared to just over 9,000, the previous year. The teaching arm of the Library, the Mona Information Literacy Unit (MILU) continued to make strides in supporting the University's teaching and learning mandate, and to that end the Unit received a full overhaul of its ICT infrastructure.

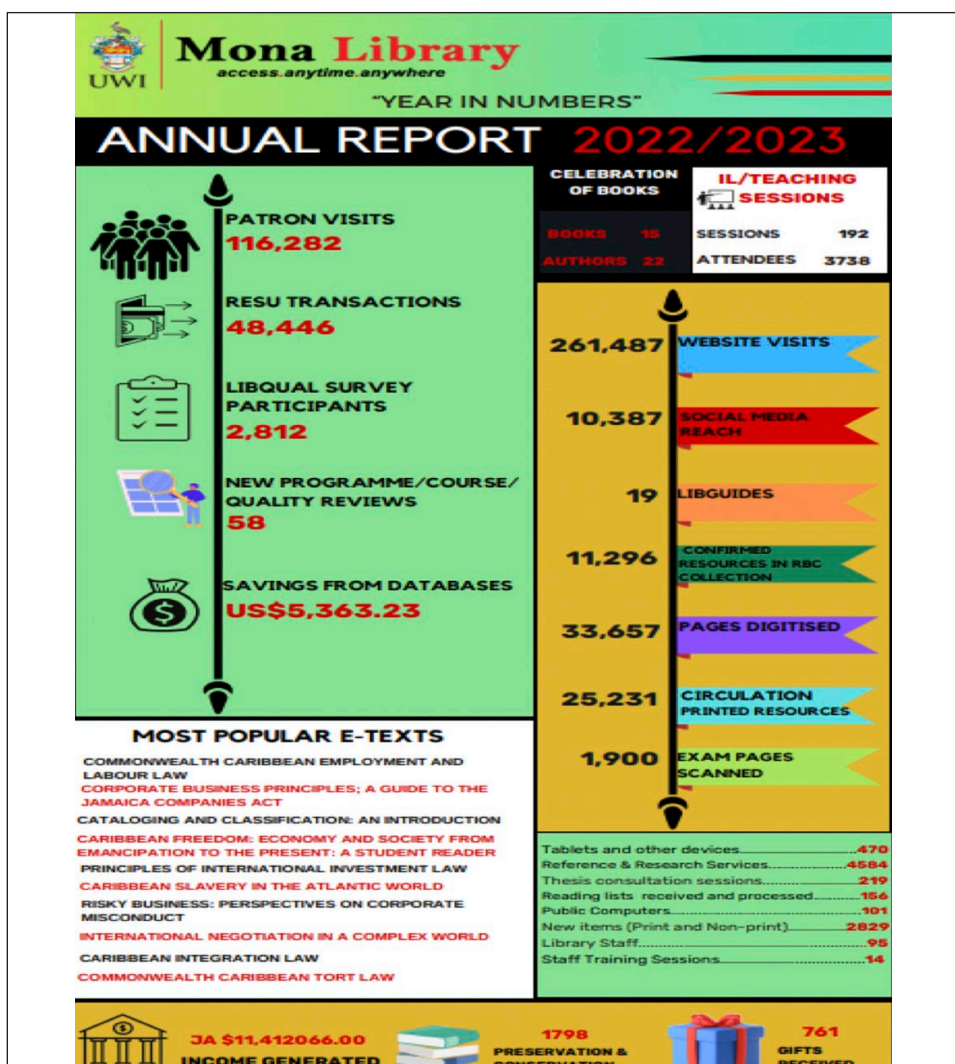
As the 2017–2022 Strategic planning cycle ended, the Library analysed achievements, and the impact of services and programmes provided throughout the five years, by gathering data from patrons to provide a better understanding of their needs

and expectations towards charting the next five years. This analysis was achieved via a LibQUAL Survey conducted between November 14 and December 2, 2022. As part of our strategic focus, the Library's Outreach team ensured that patrons were equipped with relevant and updated information on how to access library collections, and available resources to satisfy their research needs.

In year one of the 2022–2027 Strategic Plan, the Library focused on digital transformation, collections and scholarly communications, learning and engagement and staff growth and engagement. The Digitization Unit was fully overhauled with upgraded computers allowing for a number of collections to be digitized during the period representing a 44% increase in the digitization rate compared to the previous year. Increase in outputs while engaging our staff and patrons was also realized in other areas of focus for the year.

The Library received a number of donations boosting our collections, and allowing us to continue providing relevant and up to date material to satisfy patrons' needs.

THE YEAR IN NUMBERS



STRATEGIC PLAN 2022–2027

The Library's Strategic Plan is a supporting pathway on the University's roadmap to realizing the Triple A Strategy: Revenue Revolution, and so supports, facilitates and partners in the teaching, learning, research and scholarship of the UWI community.

The Library's Strategic Goals for 2022–2027 are to:

- Employ digital strategies to facilitate 'Digital Transformation' and organizational effectiveness.
- Facilitate scholarship and research through responsive collections and services.
- Champion learning and collaboration with stakeholders – students, staff and community.
- Strengthen our culture of staff growth and engagement through mindful leadership, targeted development programmes, staff recognition and support.

Highlights of the achievements for the year under review are:

Digital Transformation – for efficiency of processes

- WhatsApp web implemented to enhance customer interaction
- Decentralised scanning fully implemented
- Increase in digitisation rate of 44%
- 1900 pages of exam papers scanned
- Two new collections uploaded for access via Contentdm & UWISPACE
- Total of 60 collections accessible to Library patrons

Collections and Scholarly Communications – to facilitate and accelerate scholarship and learning through responsive collections

- Harvesting Open Access materials – 31 titles from Cambridge University Press and 105 from Taylor & Francis (available via UWILinC)
- Two (2) curated special collections – Peter Abrahams Collection and P.J. Patterson Speeches, uploaded to ArchivesSpace
- Research Possibilities Programme developed – pilot launched with Peter Abrahams Collection Finding Aid and Digital Collection.

Learning and Engagement – to facilitate expanded literacies

- Teaching module for Foundation courses adapted
- Audit of student needs via LibQual Survey completed
- Library Research Committee re-established

Staff Growth and Engagement – to identify, promote and support training and development

- Professional Staff leadership training attended by 2 staff members – Harvard Leadership Institute for Academic Librarians; 2023 Mortenson Associates Professional Development and Leadership Program.
- Targeted skills training, e.g. Transforming the service culture; Research Strategies
- Restructuring Project – 8 positions upgraded; 3 staff promoted; 1 job shadowing assignment; 12 temporary appointments
- Mentorship – Committee re-launched; 2 seminars held; book chapter proposal submitted
- Customer Service awards
- Increments for upgraded education

WORK OF THE DEPARTMENT 2022/2023

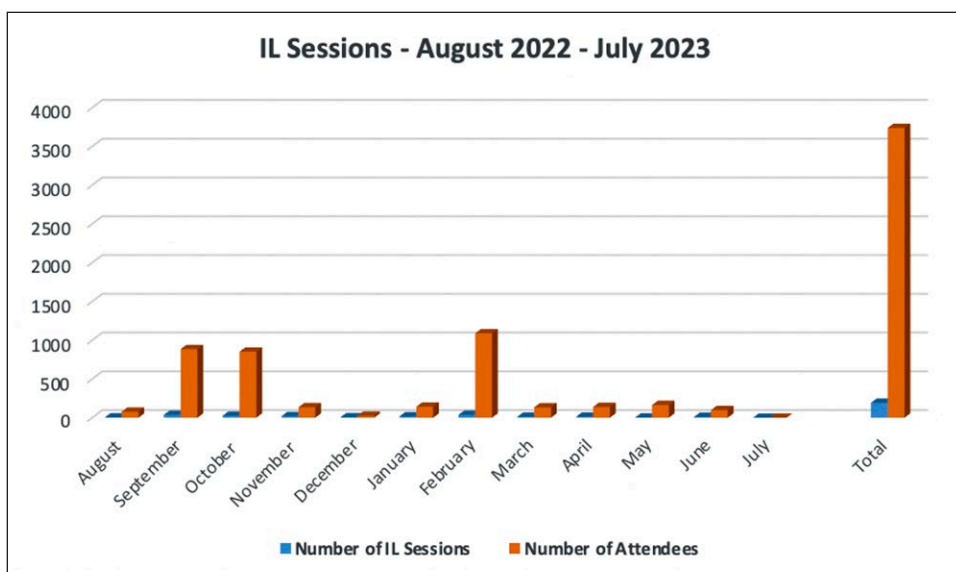
This report presents the activities of the UWI, Mona Library for the period, August 1, 2022 to July 31, 2023, towards the implementation of the 2022–2027 Triple A: Strategic Plan: Revenue Revolution'. In this strategic planning cycle The UWI continues its focus on widening **Access** to quality tertiary education, **Alignment** of the University with academic-industry partnerships relevant to the region's needs, and improved **Agility** through global connections and initiatives while leveraging this prestigious reputation to generate profitable revenue for the University.

ACCESS

INITIATIVES TO ENHANCE THE QUALITY OF TEACHING, LEARNING AND STUDENT DEVELOPMENT – AC1

Information Literacy Sessions to Improve Research Skills: Foundation and Subject Courses

The Mona Library continued its significant contribution to the Campus' teaching and learning programmes and delivered a total of one hundred and ninety two (192) Information Literacy (IL) sessions to both undergraduate and postgraduates, with three thousand seven hundred and thirty eight (3738) students participating. Customized sessions were requested from various academic departments for Research Methods classes, UWIlInC Training, EndNote, Citation Style such as APA 7th edition, and other IL sessions.



Orientation Exercise 2022

As part of our commitment to serve our users effectively, the Library participated in the UWI Mona Orientation 2022 exercise from August 23–September 2 under the theme: *A is for Everyone: A Call to Action*. The Library conducted presentations aimed to orientate new students (UG & PG), and faculty to significant programmes, services, and resources of the Library.

The Library's booth offered an interactive experience where the collections and services were promoted to help students with smooth transition to studying and research at the tertiary level. In addition to online sessions, scheduled drop-in tours of the physical facilities were encouraged and approximately 360 new students visited the Library during the orientation period. The Branch Libraries also conducted orientation sessions, resulting in participation from over 500 new and returning students. During the orientation for new academic staff on August 23, 2022, a presentation was made under the theme 'Embracing the Library as a resource tool for the fostering of academic excellence'. Orientation activities were made possible through contributions from The UWI, Lasco, Digicel, and Jamaica Producers.

Library Tours

A total of four hundred and forty (440) users participated in 12 tours throughout the academic year. In addition to The UWI students' orientation tours, the Library accommodated students from high schools across Jamaica who visited the Library for research assistance with SBA projects. The Library was pleased to host librarians from across the region who attended the ACURIL Conference in June 2023, as well as academics from international universities for tours. The Library also facilitated



Orientation Village, 2022



tours for our international partners including Ambassador of the Republic of Chile to Jamaica, Ms. Constanza Figueroa Sepulveda on September 22, 2022 and personnel from the Endangered Archives Programme at the British Library on June 3, 2023.



Association of Research, University and Institutional Libraries (ACURIL) Conference Participants Tour of the West Indies and Special Collections on June 8, 2023.

INITIATIVES TO IMPROVE THE QUALITY, QUANTITY AND IMPACT OF RESEARCH, AND PUBLICATIONS – (AC4)

Collection Development and Management

Collection Development

The Acquisitions Section in pursuit of its mandate to manage and develop the Library's collections, continued to manage all processes related to the receipt of gift material as well as the purchase of and subscription to print and electronic resources.

Reading Lists

During the period under review, a total of 72 letters of request were sent to Heads of Departments and Administrative Assistants in the faculties of Medical Sciences, Humanities and Education, Social Sciences, Sport, and Science and Technology for submission of reading lists for the academic year. Reading lists for 156 courses were received and processed.

Purchases and Gifts

The Library continued to receive gift books and journals for addition to the collection through generous donations by faculty and friends of the Library. Of note, the challenge of purchasing some of the required or highly recommended texts in electronic format, from Library vendors persists. Some of the texts that are available in electronic format can cost up to four times the cost of the paperback version of the text.

GIFTS – 2022–2023		
Branches	New Titles	Total Volumes
Main	457	535
Science	25	28
Medical	48	49
WISC	47	61
Law	46	55
WJC	11	33
Total	634	761

PURCHASES – 2022–2023		
Branches	New Titles	Total Volumes
Main	29	32
Science	20	22
Medical	31	31
WISC	8	8
Law	3	3
WJC	1	1
E-Books	58	58
Total	150	155

Collection Launch – The Peter Abrahams Collection

The official handing over of the Peter Abrahams Collection was held on April 5, 2023 under the theme “The Voice, The Man and the Activist”. Professor Hopeton S. Dunn, Professor at the University of Botswana, and Mr. Gary Allen, Chief Executive

Officer, RJR/Gleaner Communications Group, brought greetings, and the keynote address was delivered by Professor Rupert Lewis, after which the official launch of the collection was marked by highlighting the unique content and research value of the collection.

Serials, Databases, Database Trials

Three (3) journal titles were cancelled during the period resulting in savings of US\$5,363.23. At the request of the Dean, (Faculty of Humanities & Education), one title (*Journal of Pidgin and Creole Languages*) was reinstated on the Main Library's account from EBSCO, and back issues have also been requested. The EBSCO journal subscriptions for the Main and Medical Libraries are now in online format.

Print serial issues/volumes added to the collection during the period

Main	Medical	WISC	SEBL	Law	WJC	Total
923	333	14	35	421	8	1,734

Work continued on sorting of the IMF journals with eight hundred and thirty two (832) items being discarded during the period under review.

Two new databases were added to the Library's collection namely HeinOnline – a database providing multidisciplinary journals, as well as government documents and case law, and CAIRN.info on the recommendation of the Law Library. Subscriptions for both are paid by the Faculty of Law, Mona.

Open Access Books

As part of a strategic focus to create more responsive collections during the year, 50 open access titles from major academic publishers were added to the Library's collection. In addition a targeted harvesting of Open Access resources resulted in 31 new titles from Cambridge University Press, and 105 from Taylor and Francis, and these were selected and uploaded to UWILinc. The books covered a broad spectrum of academic disciplines including criminal law, human rights law, climate change, social media, psychiatry & mental health, nuclear weapons and sociology.

Collection Management

Preservation and Conservation

Staff of the Preservation and Conservation Unit assisted in addressing a number of key issues affecting other Sections of the Library including the temporary relocation of the Microfilm Collection, and assisting in the Digitization Unit as well as RESU, which has resulted in a decline in the expected productivity of the

Unit in preservation and conservation. For the period under review 1798 printed items were repaired and 704 items were stamped. Issues surrounding unreliable air conditioning in the West Indies and Special Collections stacks, particularly the West Indies Collection resulted in constant reappearance of mould, and staff from the Preservation and Conservation Unit were tasked with mould cleaning. In April, DampRid bags were procured and reinstalled as a way to combat the issues.

Website

Several updates were done to the Library's website during the period, to include the addition of links to new resources, updates of news and events, information sharing in the slide shows, correction of errors, and the addition of new fillable PDF forms for the rental of the Multifunctional Room, and to schedule thesis consultations. New discussions were entered into with MITS with the aim of redesigning the website which will result in a more user-friendly site. The usage of the website increased by over 30,000 views compared to last academic year with viewership of 261,487.

INITIATIVES TO IMPROVE THE QUALITY, QUANTITY AND IMPACT OF RESEARCH, AND PUBLICATIONS. AC4

Professional Development for Liaison Librarians

Through its Liaison Librarian Programme, the Mona Library has established an excellent tradition of collaborating with academic departments. In keeping with the Library's mission, librarians foster two-way communication between the Library and academic departments, and offer research assistance to faculty and students. In furtherance of this mandate, the Library successfully convened a virtual forum under the theme: Liaison Librarianship in the 21st Century: In Search of the Best Model, held May 19, 2023 with guest presenters Professor S. Pinfield, University of Sheffield, and Dr. C. Robinson, University of Leeds.

Stocktaking

Stock-taking is an important part of library collection management and during the period June to July, the Library staff completed a full inventory of the Reserve Book Collection in the Main Library in an effort to identify missing resources, keep the collections updated and maintain an accurate record of all library resources. A total of 11,296 resources were checked for in the RBC collection.

Efforts to Enhance Access to Collections and Resources

The Cataloguing Section provided access to the Library's holdings by creating metadata for resources acquired during the academic year. Items were digitized

during the period; but, due to the unavailability of the Content DM platform items were not uploaded, however, 106 reggae CD-ROMS were added to the collection. Metadata was created for 202 West Indian theses, and the compact discs accompanying them, and theses which were born digital were catalogued and then uploaded to UWISpace by the Systems Unit. Metadata was also created for 125 electronic resources purchased or received as gifts, while 2,330 bibliographic records were retrospectively converted from card to electronic, to increase the visibility of and access to these resources in the OPAC.

Of the print and non-print items catalogued, 59 monographs were sent to the Mona Western Jamaica Campus. A total of 1,268 items were sent to the Bindery for stiffening and rebinding and 939 items were returned to the Section while 440 items were tattled.

ACCESS TO UWI MONA LIBRARY COLLECTIONS FOR THE ACADEMIC YEARS 2020–2023

2020–2021		2022–2023	
Items /Collections	Numbers	Items /Collections	Numbers
Electronic Resources	257	Electronic Resources	125
Theses and Research Papers	116	Theses and Research papers	202
WISC Special Collections	—	Special Digitized collections	—
WISC Rare Books and Periodicals	32	WISC Rare Books and Periodicals	25
Tablets and Laptops	256	Tablets and Laptops	—
New items (print and Non-print)	2,632	New items (Print and Non-print)	2,829
Retrospective Conversion	1,195	Retrospective Conversion	2,330
Total items	4,488	Total items	5,511

UWISpace; Institutional Repository

In collaboration with the St. Augustine Campus, the Library migrated from UWISpace version 6 to version 7 towards improving operational efficiency, and providing greater integration between UWILinC and UWISpace. The Systems Unit facilitated the uploading to UWISpace of 25 full texts and 21 abstracts for theses received. Quality control checks were conducted on 69 CDs, while anomalies were corrected throughout the year.

Challenges with Access to Collections

A number of issues arose concerning access to ALEPH by users and staff. There was a disruption in the system, December 28–31, and during this period users were

unable to have access to the collections. On January 3 staff were unable to access the Circulation, Acquisitions and Cataloguing modules however, these matters were investigated and later resolved.

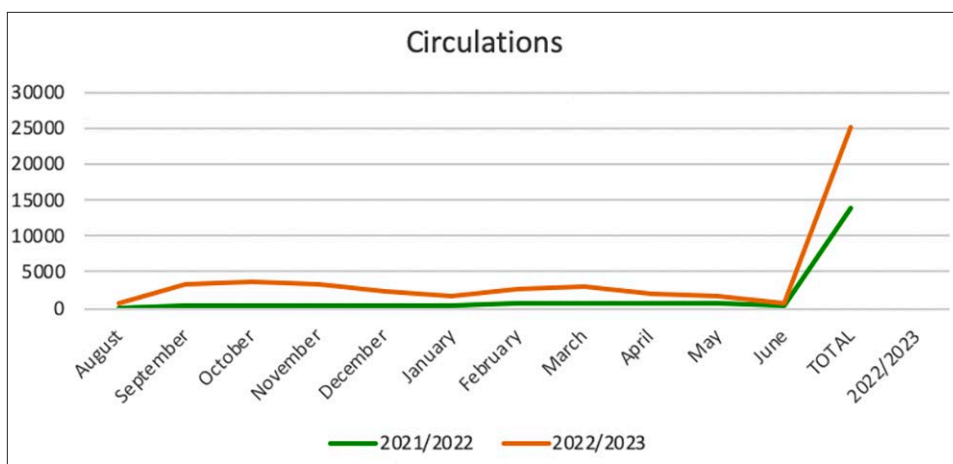
Use of Collections

Circulations

The 2022/2023 academic year reflected a significant increase of 180% in the circulation of printed material over the previous academic year.

Circulation of printed material for a three year period.

Month 2022/2023	Main Library	Science Branch Library	Law Branch Library	Western Jamaica Campus	Medical Branch Library	TOTAL
August	299	9	2	12	380	702
September	1818	77	264	151	925	3,235
October	2003	62	302	258	1140	3,765
November	1922	48	246	187	902	3,305
December	1417	23	131	45	662	2,278
January	937	55	103	57	520	1,672
February	1446	36	234	80	931	2,727
March	1599	55	309	96	919	2,978
April	1149	20	245	52	652	2,118
May	938	17	52	27	589	1,623
June	451	22	3	21	331	828
TOTAL 2022/2023	13,979	424	1,891	986	7,951	25,231
TOTAL 2021/2022	4359	152	770	257	3513	9,051
TOTAL 2020/2021	2298	379	176	146	78	3,077



Reference and Research Services

As the Mona Library continued to find innovative ways to meet the reference and research needs of its patrons in keeping with the tag line Access – Anywhere – Anytime, these services were offered in various modalities.

Reference and Research queries filled during the period

Email	Face to Face	Online	Telephone	WhatsApp	Total
901	1,330	165	170	45	2,611

New Programme/Course Reviews; Quality Reviews

During the 2022/2023 AY, librarians conducted quality reviews of existing programmes as well as reviews of resources for new programmes and courses in various departments. Of note was a review of a new programme, namely the Diploma in Palliative Care, for which fifty-eight (58) items were evaluated. A six-member CAAM-HP Accreditation Review Team visited the Medical Branch Library in November, and were given a presentation on services and resources, followed by interactive discussion as well as a tour of the facilities. In June students from Spartan Medical School came on a CAAM-HP sponsored visit of the Medical Branch.

Additionally, a number of undergraduate and graduate programmes from the School of Education were reviewed. Course reviews were also conducted in the Departments of Modern Languages and Literatures, Literatures in English, and History and Archaeology. Mrs. Karlene Nelson in her capacity as a member of the UWI Quality Assurance Team evaluated the Preliminary Science and Nursing Programmes at the Brown's Town Community College.

Research Consultations; Systematic Reviews: Foundation of Faculty Research

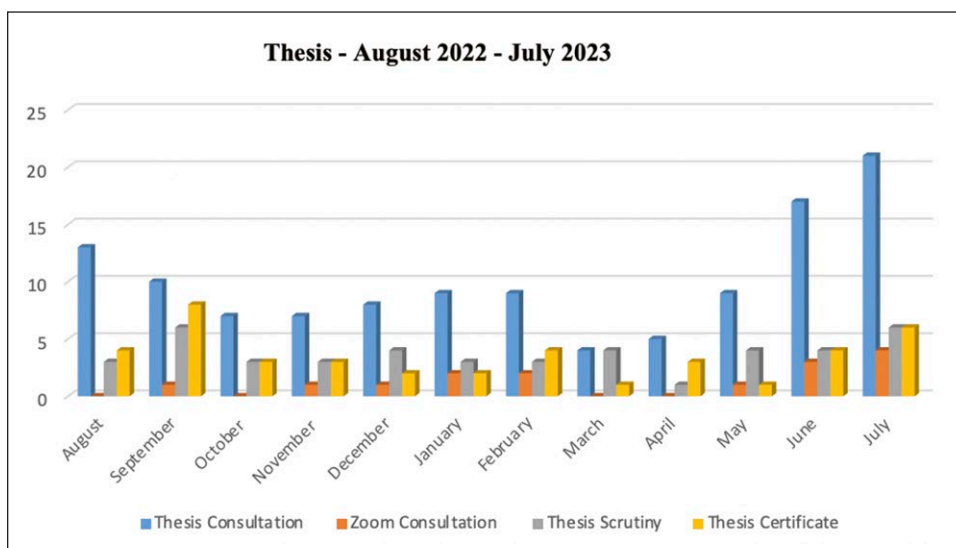
The Mona Library offered research consultation services including systematic reviews, verification of publications of incoming faculty, as well as faculty members being considered for promotion by checking publications on CVs; as well as journal and publisher verification for the avoidance of predatory journals and publishers.

LibGuides

Seven (7) new LibGuides were created, and twelve (12) were updated and uploaded during the period. Subject areas covered include, Community Health and Psychiatry, Dentistry, 'Books you should read in 2023', UWI Mona Honorary Graduands, Citations, and WISC Newspapers.

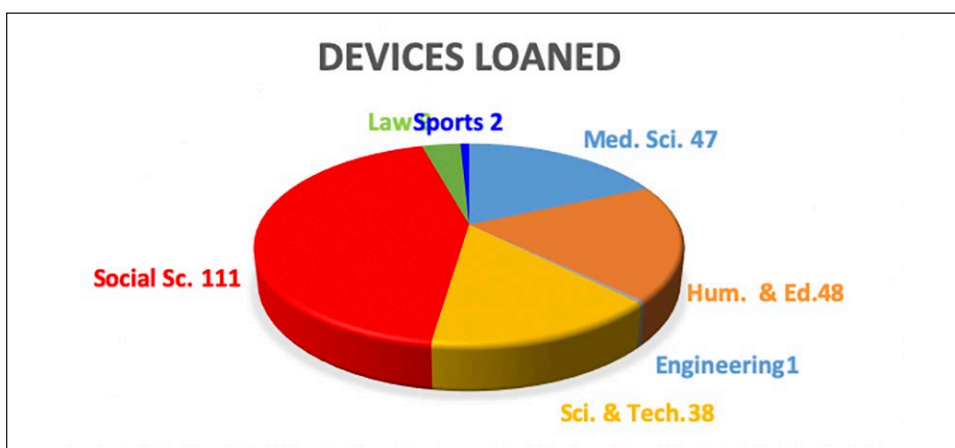
Thesis Scrutiny and Consultation

The Library continued its partnership with the Office of Graduate Studies and Research to support graduate students and the research process of the University through the Library's thesis scrutiny and consultation service in which 119 theses were reviewed, and consultations were held for 44 theses. In the new hybrid teaching delivery mode 15 thesis consultation sessions were conducted via Zoom. Thesis certificates for 41 compliant theses were issued to the Office of Graduate Studies and Research for students who had completed the Library Review and were ready for final submission. A Thesis Consultation Checklist was created to provide guidance to graduate students with formatting their theses.



Circulation of Electronic Devices

The Mona Library maintained its intentional support of teaching and learning with its device loan programme via its partnership with faculty, the Office of Student Services and Development and the Guild of Students, and a total of **256** devices were loaned across all Faculties.



Library Access

For the 2022/2023 academic year, there was an increase in the number of users who accessed the Library when compared with the pandemic period. The Library was once again a vibrant and busy environment for research and learning.



Access to the Mona Library 2022/2023

ALIGNMENT

INITIATIVES AIMED AT INCREASING AND IMPROVING ACADEMIC / INDUSTRY RESEARCH PARTNERSHIPS. AL2

Outreach and Collaborations

Main Library	SEBL	Law Branch Library	WJC	Medical Branch Library	TOTAL
62,750	19,348	11,079	12,665	10,440	116,282

The Mona Library sustained its robust outreach and collaboration programmes in spite of the many challenges, by expanding services offered to our online clients, and such opportunities for this category of clientele resulted in an increase in uptake of services offered virtually.

The UWI Three Minute Thesis Competition

For the third consecutive year, the Mona Library in partnership with the Office of Graduate Studies and Research, successfully staged The UWI Three Minute Thesis Competition: The 75th Anniversary Edition on June 20, 2023. The 3MT competition is an international competition which challenges research degree students to present a compelling story on their dissertation or thesis and its significance in just three minutes, in language appropriate to a non-specialist audience.

Three Campuses (Mona, Cave Hill and St Augustine) competed at The UWI Level for the coveted 3MT Trophy, cash awards and gift certificates. Emerging as winners were:

- First Place – Alison Facey from the Faculty of Sport, Mona Campus. She received an award of JA\$100,000.00
- Second Place – Gloria Haye from the Faculty of Education at the Cave Hill Campus. She received \$70,000.00
- People’s Choice – Alison Facey from the Faculty of Sport, Mona Campus and she walked away with another \$40,000.00

At the Mona Campus Level, four participants entered the competition and made riveting presentations for first and second places.

Our loyal sponsors remain the Office of Graduate Studies and Research, and EBSCO Information Services. Thanks to Pramoneng Engineering Company who also offered sponsorship in 2023.

Open Week

The seventh staging of Library Open Week & Celebration of Books ran from October 23–28, 2022, under the theme: “Libraries Adapting to the Future: A Call for Action”. For the previous two years, the event was hosted online, and the 2022 blended modality offered guests and presenters the opportunity to attend online or in person. There were seven activities over six days, including the Launch of the Week of activities and the Celebration of Books (COB) Exhibition. The Week began with a church service at the UWI Chapel, and there were four stimulating presentations, a customer appreciation event and a staff social. Presentations included:

- The Inaugural and very successful LIS Virtual Conference, presented under the theme: “That was Then, This is Now: Libraries Adapting for the Future”, which had participants from USA, Trinidad and Tobago, Zambia and Barbados.
- The very practical and rich presentations from some of the best of UWI’s legal luminaries who presented at, “Resetting the TISC/IP Helpdesk: A Call to Action.”
- An expanded e-Resources event featuring six database service providers, dubbed, “eResources: Advancing 24/7 Access to the UWI Mona Library”

The launch of Celebration of Books Exhibition kicked off events on Monday, October 24, with special greetings from the Honourable, Mrs. Fayval Williams, Minister of Education, Youth and Information, and Professor Dale Webber, Principal of the Mona Campus. Ms. Rochelle Daley, a student in the Faculty of Science and Technology, offered beautiful renditions in song, while the Guest Speaker was Professor Kathleen Monteith, of the Department of History, and Chair of the Mona Library Committee. Dr. Natalie Corthésy replied on behalf of the authors.

Celebration of Books Exhibition showcased the research and publication output of 22 UWI, Mona authors and 15 books. Sponsors for the week included: The Sagikor Group, Nationwide 90FM, NewsTalk 93 FM, Auntie Shelly’s, EduCom, Cute Cakes, and JP Foods.

Halls of Residence Librarian Programme (HRLS)

The Halls of Residence Librarian Programme is a Library outreach programme designed to facilitate First Year UWI Mona students as they begin their university journey. Each Hall of Residence is assigned a dedicated librarian to provide assistance to new students on all library related matters.

In addition to periodic in-person visits, the provision of reference and research assistance was offered to students via WhatsApp and telephone. A number of presentations were made covering electronic databases, virtual reference (Ask-a-Librarian), general Library services, and citation styles. Mr. Adrian Duncan, Liaison Librarian for Taylor Hall made a presentation on “Dress and Deportment” as guest speaker at the Hall’s “Yaad Life” Series.

Library Quality (LibQUAL) Survey

From November 14, 2022, through December 2, 2022, the Mona Library conducted an online survey to measure patrons' assessment of the quality of the Library's services. There has been significant changes since the Library administered its first LibQUAL Survey in 2012, especially with the onset of online services during the COVID 19 pandemic. The 2022 LibQUAL was organized by the Association of Research Libraries and the Mona Library was invited to participate in a pilot. It was the ideal time, as the physical spaces at the Mona Library reopened for face-to-face interaction, the administration of the Mona Library used evidence-based data to support and guide the necessary changes regarding infrastructure, resources, services offered, and staff training. An invitation to complete the survey was sent to the Mona Campus Community consisting of approximately 18,000 students, faculty and staff. Of that population, 2812 participants viewed the survey and a total of 1,402 students completed the survey, at least partially. As the Association of Research Libraries LibQUAL team noted, "If the invitation to participate was sent to 18,000 people, then 1402 responses means that 7.8% responded, at least partially. This is an outstanding response rate!" Demographic data indicate that respondents included 1,294 undergraduate students, 70 graduate students, 28 staff, and 14 academic staff. The completion rate was 66.48 %. On average, the respondents indicated that the Library provides satisfactory services, and staff is generally courteous and knowledgeable. The need for better infrastructure was cited including spaces for collaborative and individual study, more electrical outlets, and different seating.

Participation in the Faculty of Science and Technology Science Fair 2023

The Science & Engineering Branch Library participated in the Faculty of Science & Technology Science Fair which was held from March 31 to April 1, 2023. The fair aimed at engaging young minds and stimulating early thoughts of embarking on STEM careers and lifelong learning. Approximately one hundred and ninety-four (194) students from eighteen schools were given an extensive tour of the library. Live demonstrations on how to navigate the library's OPAC were conducted onsite. Students were also able to view live readings of the UWI/EBSCO solar panels installed on the roofs of both the library and the Physics building.

Collaboration with the Department of Library and Information Studies

The Mona Library collaborated with the Department of Library and Information Studies to successfully stage the DLIS/ Mona Library Research Forum on Thursday, May 4, 2023 under the theme "Data Security and Information Systems in the 21st Century: Exploring Theory and Practice." Seven (7) posters were presented by graduate students and librarians including one, titled " The LibQual Survey:

Transforming User Information and Satisfaction Services while ensuring Data Security and Privacy” by staff at the Mona Library, Mrs. Pauline Nicholas, Ms. Kareen Lawrence, Mrs. Vergie Lee Reid Lawson, Mrs. Nicole Lewis Prawl and Mrs. Karlene Nelson.

Curators' Collective

The West Indies and Special Collections (WISC) represents the UWI Mona Library on the UWI Curators' Collective along with The UWI Museum's Curator as chair, members of different repositories on the Mona Campus, and representatives from the St. Augustine and Cave Hill Campuses. To mark its second year on The UWI Curator's Collective, the WISC made a contribution to the University-wide initiative for a cross campus exhibition highlighting the structural developments of the University. Through a virtual exhibition titled “Changing Landscapes”, the Mona Library shared images that documented the changing UWI Mona Library building, spaces and surrounding environment from 1948 through to the 2000s.

Donations to Jamaica College and the Jamaica Library Service

In November 2022, 1088 books were selected from the Charles Mills Collection received in 2021, and donated to his alma mater, Jamaica College, and The Jamaica Library Service in fulfillment of the request from his estate. An additional 134 books from this collection were donated to the Jamaica Library Service in March 2023.

Engaging High School Students with special needs

Through the Mona Information Literacy Unit (MILU) eight (8) students pursuing CSEC/ CAPE at the Lister Mair Gilby School for the Deaf took part in an information literacy session. Five (5) teachers from the school were also in attendance. Three (3) teachers assisted with signing to the deaf and multichallenged students. The students greatly appreciated the visit and expressed their appreciation and indicated they benefitted from the engagement based on their verbal and written feedback in the evaluation.

MARKETING LIBRARY RESOURCES

Social Media Reach

Following through on the mantra of “Access – Anywhere – Anytime”, the Library continued creating awareness of its services through social media resulting in the following:

Instagram	Facebook	YouTube
Reach 4569 (21% increase over the previous year)	Reach 820 (172 % increase over the previous year)	3.3 K views 78.7 Watch Hours
Followers 1079	Followers 51	Subscribers 123
Combined posts/stories/reels 442		New videos uploaded 3 New videos were also uploaded to the LHEWco Channel

Exhibitions

The Library continued to demonstrate its supportive and collaborative role by developing and facilitating the use of the Library's space to host exhibitions. Four exhibitions were mounted:

- The Coronation of His Imperial Majesty Haile Selassie – November 2022
- Historic Visit of His Imperial Majesty Haile Selassie to Jamaica – May 2023
- A Class Act: Celebrating Louise Bennett – Coverley – June 2023
- Celebration of Books 2022 – June 2023

AGILITY

EFFORTS MADE TO DIVERSIFY THE REVENUE BASE OF THE UWI – AG2

Income Generating and Cost Savings Strategies

The Mona Library primarily through the Reprographic Services Unit (RESU), Bindery and the rental from the Multifunctional Room, generated income for the Library and the Campus. Branch Libraries also contributed to generating income through printing, photocopying and collection of fines. The income generated was \$11,412,066.00 compared to \$5,592,631.00, the previous year.

Efforts at Fostering Digital Transformation – AG5

Digital Transformation Initiatives

As the Mona Library continues its mission of meeting its patrons anywhere any-time, the importance of having a fully operational digital collection is paramount in providing access to the collections and services provided to our patrons. The Digitization Unit was fully overhauled by the upgrading of computers aligned to

the industry standard. This resulted in 44% increase in material digitized when compared to the same period last year, including **1900** pages of exam past papers scanned.

Digitization; Digital Collections

For the period under review the Digitization Unit scanned approximately **33,567** pages and **466** items consisting of short-run periodicals, items from the West Indies and Special Collections and exam past papers. In addition, the Peter Abrahams Collections, and approximately 70% of the P.J. Patterson speeches, were uploaded to the digital collections through CONTENT-dm.

Efforts to Foster A CAMP Team AG4

With the continued exceptional services offered by the staff of the Mona Library, staff engagement and development became a major area of focus for the academic year and this resulted in increased participation of staff in targeted training opportunities, micro-learning sessions, and job shadowing.

Library Staff Reclassification

A proposal for the reclassification of 23 Administrative, Technical and Service (ATS) posts which was submitted to the UWI Mona Reclassification Team in May 2022 saw eight of these posts being recommended for upgrade in June 2022. However, this tentative approval was subject to final approval by the Finance and General Purposes Committee (F&GPC), Mona. The F&GPC Mona Team, after considering our submission first in November 2022 and then again in July 2023 finally approved the upgrades to become effective August 1, 2023.

New Appointments

Miss Amainia Walters was appointed Library Assistant II in the Digitization Unit and Mr. Donald Taylor appointed Clerical Assistant III, assigned to the Cataloguing Section, effective March 1, 2023. Mr. Rohan Stone was interviewed for the post of Accounting Clerk II and was appointed effective April 1 2023 to the Administrative Office.

Dr. Paulette Kerr, Campus Librarian proceeded on Sabbatical Leave for the academic year and Mrs. Jessica Lewis-Marshall was appointed Acting Campus Librarian and Mr. Dunstan Newman as Acting Deputy Librarian for the period.

Outgoing Staff

The following persons resigned from the Library:

1. Ms Valrie Ellis on October 31, 2022
2. Mr. Fernando Spencer on November 7, 2022
3. Mr. Lynval Curtis (Jnr.) on June 21, 2023
4. Ms. Simone Harrison and Dr. Alicia Palmer, effective July 31, 2023

Staff Secondment

Miss Natalie Williamson was seconded as Senior Administrative Assistant I to the Institute of Gender and Development Studies for the period January 23–April 30, 2023.

Temporary Staff Upgrades

Over the period, 13 members of staff in the ATS category were temporarily assigned to higher posts.

Training

Throughout the year the Mona Library continued its thrust of staff empowerment resulting in staff in all categories being trained in a number of areas including; Teaching UWilinC, Thesis Scrutiny, Referencing, Plagiarism and Predatory Journals, and Literature Writing Styles hosted by the Library, through the Mona Information and Literacy Unit. In addition, staff participated in the following training sessions:

- An EBSCO Webinar for Professional staff on “Leading in an Exponentially-Changing World” was held on September 13, 2022.
- The HRMD (Speaker: Janice Brown-Roberts) hosted “Transforming the Service Culture” on November 7, 2022 for all staff.
- The Management Audit Department trained selected Library staff on “Internal Controls and Fraud Detection” on December 6, 2022. The audience included Heads of Sections/Branches, Accounting and RESU staff, and paraprofessionals responsible for receiving/documenting collections.
- The IEE Xplore, in collaboration with the Science and Engineering Branch Library hosted a Webinar on “Search/Research Strategies” on March 21, 2023 for professional and paraprofessional staff.
- May 24–June 20, 2023, Ms. Tereza Richards participated in the 2023 Mortenson Center Associates Program “Shaping the Future of Libraries: A Professional Development Program for Library Leaders and Innovators” at The Mortenson Center, University of Illinois at Urbana-Champaign.
- July 24–28, 2023, Miss Sandra Stubbs participated in the Leadership for Academic Librarians’ at the Leadership Institute for Academic Librarians, Harvard Graduate School of Education.

Staff Appreciation Awards

On Tuesday, December 20, 2022, The Library Staff Appreciation Day was held to acknowledge and show gratitude to staff for their work and dedication in the past year. Several staff members received Customer Service Awards as follows:

Customer Service Par Excellence Award

- Ms. Kareen Lawrence

Employees of The Branch/Section/Unit

- Administration – Mr. Kevin Atkinson
- Medical Branch Library – Ms. Seanna Campbell
- Public Services – Mr. Kevroy Lindo
- West Indies & Special Collections – Ms. Randia Shaw
- Mona Western Jamaica Campus – Mr. Miguel McKoy

PUBLICATIONS

- **Harris, Sasekea**, Chief Editor. 2022. *LIAJA Journal*, Number 3 (2022). Special Issue: “Impact of Covid-19 on the Caribbean Library & Information Industry”. EBSCOHost (Library & Information Science Source)
- **Harris, Sasekea**. 2022. Building an Entrepreneurial Caribbean University Library: Practice, Possibilities, and Lessons. Alexandria: *The Journal of National and International Library and Information Issues*. <https://doi.org/10.1177/09557490221103034>
- **Kerr, Paulette**. 2022. Go back and get it: centering local, national and cultural histories in international LIS Education. *Proceedings of the Association for Library and Information Science Education Annual Conference*. <https://doi.org/10.21900/j.alise.2022.1112>
- **Nicholas, P.**, Palmer, A., Lindsay, Y., Lawrence, K. and Reid Lawson, V.L. (2023), “Future proofing the academic library: improving the way we work”, *Library Hi Tech News*, Vol. <https://doi.org/10.1108/LHTN-02-2023-0026>

Conference Presentations

- **Kerr, P.** (2022). Go back and get it: centering local, national and cultural histories in international LIS Education Association for Library and Information Science Education Annual Conference. Pittsburgh, Pennsylvania USA.
- **Lindsay, Y.**, (2022). Digital Humanities in the Caribbean: the role of the academic librarian. College Libraries Information Network (COLINET) 2022 Symposium.

- **Nicholas, P.**, Prawl, N., Lawrence, K., Tugwell, Y., & Lawson, V. (2023). *Collaboration: Unique Opportunity for Academic Librarians to Make a Difference*. [Paper Presentation]. ACURIL, Kingston, Jamaica.
- **McKoy-Johnson, F.** (2023, June 4–8). *Research reproducibility in biomedical science and the role of academic libraries*. [Conference presentation]. 52nd ACURIL Annual Conference, Kingston, Jamaica.
- **Worrell-Johnson, B. A.** & Lewis Marshall, J. C. (2022, November 17). *Building sustainable libraries: Opportunities and challenges for Caribbean libraries*. [Conference]. Caribbean Sustainable Cities Conference (GS2) Conference, The UWI Mona Western Jamaica Campus, Montego Bay, Jamaica.
- **Worrell-Johnson, B. A.** (2022, October 25). *Cultural Heritage and Climate Change in Jamaica. A Review of Some Jamaican Institutions*. [Virtual Conference]. The UWI Mona Library.

Poster Presentation

- **Bushay, Kevin**, Levy, Karen (2023, April). Teaching Information Architecture: Six things learned as a new teacher at The University of the West Indies. GlobalET Conference, Athens Greece
- **McKoy-Johnson, F.** (2023, May 16–19). *Developing research support services in an academic medical library*. [Poster presentation]. Medical Library Association Annual Meeting, Detroit, MI, USA.
- **Nicholas, P.**, Prawl, N., Lawrence, K., Lawson, V., & Nelson, K. (2023). The LibQual Survey: Transforming User Information and Satisfaction Services While Ensuring Data Security and Privacy. The DLIS/UWI Mona Library Research Forum 2023. Kingston, Jamaica.
- **Nelson, K.** & Tugwell, Y. (2023, June 4–8). Spanning the distance: Library services in a Virtual Reading Room (VRR). [Poster Presentation]: ACURIL 2023 Conference, Kingston, Jamaica. <https://acurilconference.com/index.php/mainpage/index/schedule>
- **Saunches, E.** and Karen Levy “Using Popular Music to aid teaching and learning in the classroom: Teaching and Learning Social Studies in Jamaica”. 4th Global Conference on Teaching and Learning, Athens, Greece (April 21–23 2023) <https://www.dpublication.com/abstract-of-4th-globalet/03-1635/>

Papers Presented

- **Heron, T.** Lawrence, K., Palmer, A. (2023) Using the 8 Dimensions of Wellness to Improve Productivity amongst The UWI, Mona Library Staff during The COVID-19 Pandemic. 20th Annual Conference of The Association of Caribbean Higher Education Administrators (ACHEA)

- **Nelson, K.** & Tugwell, Y. (2022, November 3). E-Resources at your fingertips: Raising awareness in an online environment at a Caribbean University. Stopwatch Session, Charleston Conference, South Carolina, United States of America. <https://www.charleston-hub.com/the-charleston-conference/about-the-conference/>
- **Nicholas, P.**, Tugwell, Y., Prawl, N., Lawrence, K. & Lawson, V. (2023, June 4–8). Collaboration: Unique Opportunity for Academic Libraries. [Conference Session]. ACURIL 2023 Conference, Kingston, Jamaica. <https://acurilconference.com/index.php/mainpage/index/schedule>
- **Tugwell, Y.** & Nelson, K. (2022, November 17). E-Resources at your fingertips: Raising awareness in an online environment at a Caribbean University. (Virtual Session) Stopwatch Session. Charleston Conference.

AWARDS

The following members of staff were recognized with The UWI Mona Principal's Award for Best Research Publication in the Article category:

- Duncan, Adrian
- Folkes, Cheryl
- Harris, Sasekea
- Kerr, Paulette
- Lewis Marshall, Jessica
- Tyrell, Karen

PUBLIC SERVICE

Harris, Sasekea

- Chair, Research & Publication Working Party: Library & Information Association of Jamaica (LIAJA)

Kerr, Paulette

- Member Board of Management of National Library of Jamaica
- Member Communication and Information Advisory Committee, Jamaica National Commission for UNESCO
- Member Standing Committee, European Conference on Information Literacy (ECIL)UNESCO-UNAOC UNITWIN Chair on MILID
- Member Advisory Board of Information Literacy Handbook: Charting the Discipline.

- Member, Editorial Board, *International Journal of Information, Diversity and Inclusion*
- Member, Editorial Board, *Quality Education Forum*

Lindsay, Yulande

- Secretary to the Executive Committee, Jamaican Historical Society
- Co-editor *Jamaican Historical Bulletin*
- Association of Caribbean University, Research and Institutional Libraries (ACURIL) – Local Organizing Committee (LOC) for 2023 Annual Conference
- Chair, Evaluation Sub-committee
- Chair, Conference Proceedings Sub-committee

McKoy-Johnson, Faith

- Member, Medical Library Association Scholarly Communications Caucus

Richards, Tereza

- Member, *West Indian Medical Journal* (WIMJ) Editorial Board

Worrell-Johnson, Bernadette

- Co-editor, *Jamaican Historical Society Bulletin*
- Committee Member, Power of New Voices Panel Planning Committee, RBMS (Rare Books and Manuscripts Section) 2022 Conference .



UWI

MONA CAMPUS
JAMAICA, WEST INDIES

