THE UNIVERSITY OF THE WEST INDIES
MONA CAMPUS

DEPARTMENTAL REPORTS
2014/2015
Cover photo: New Dental Lab in the Faculty of Medical Sciences. The lab integrates the DentSim technology in teaching which allows our students to get enough practice before seeing an actual patient.

Set in Adobe Garamond 11/14.5 x 27
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The academic year 2014–2015 was a year of significant changes for the Mona Library. Campus Librarian, Mrs Leona Bobb-Semple, retired on September 30, 2014 after 36 years of sterling service to the University. In March 2015, the Library welcomed a new Campus Librarian, Dr Paulette Kerr, former Head of the Department of Library and Information Studies. In the intervening months, the Deputy Librarian, Ms Beverley Lashley, served effectively as Officer in-charge of the Library.

The severe financial constraints on the Campus impacted key resources and services including the Library’s offerings of essential research databases which were cancelled for non-payment. Initiatives at collection building, especially in West Indiana, were curtailed. Staff also felt the harsh brunt of the financial climate, and worked with less than ideal infrastructural conditions and tools.

Despite the challenges, the Library continued to ensure the delivery of quality services and products aimed at supporting and enhancing teaching and learning on the Campus. These included strengthening of, and increasing access to collections, information literacy training aimed at integrating essential competencies in students’ learning experience, and support to graduate students via thesis scrutiny and consultation.

Sustained operations led by the Mona Information Literacy Unit saw a marked increase in information literacy sessions across all libraries with
increases in specialized subject sessions. New and previously underserved academic programmes were targeted during the year.

The Library benefitted from numerous donations throughout the academic year, including the unexpected gift of multiple copies of Ray Chen’s latest work, *Jamaica: My 50 Years in Photographs*, through the generosity of the Jamaica National Building Society. The value of gift collections cannot be underestimated as this surpassed the decreased expenditure on purchased print resources. Steady progress was made in providing greater access to the Library’s unique research collections including the Nettleford, Figueroa and Olive Lewin collections.

Highlights of activities during the year include the formal handing over of the prestigious Trevor Rhone and Edward Seaga Collections in November 2014 and March 2015, respectively. The Library received international recognition with the inscription of the celebrated Roger Mais Collection in the UNESCO Memory of the World Latin America and the Caribbean Regional Register. In May, the Campus Principal met with Library Staff and conducted an extensive tour of the Main Library to gain first-hand view of the facilities.

*Professor Archibald McDonald, PVC and Principal, on a tour of the Main Library.*
Another high point during the year was a ‘Think Big’ initiative in which the new Campus Librarian invited staff to view the challenges being faced as opportunities to reflect and refocus on the future of the Library, especially in light of the Campus Principal’s goal of a world class university. Time was therefore taken to recast the Library’s vision, highlighting the value of the Library and envisioning the ideal academic library. In July, staff were engaged in strategic and operational planning to align the Library’s objectives with the 2012–2017 Operational Plan of the Campus and towards more efficient internal processes, rationalization of existing services and products (with decreasing budgets), and the development of new services to meet new needs.

The library bade farewell to two long-serving members of staff during the year. Campus Librarian, Mrs Leona Bobb-Semple, retired effective September 30, 2014. Ms Revene Hawthorne, Library Assistant III in the Science Branch Library retired effective September 27, 2014 after 32 years of service to the library.

Notable promotions during the period include Mr Robert Murray, Binder IV, who was promoted to Senior Binder, and Mr Cedric Palmer who moved from Technical Assistant/Cashier to Photographic and Instrument Technician effective April 1, 2015.

Several of the ATS staff were reassigned as vacancies occurred. In addition, Mrs Vergie Lee Lawson-Reid, Library Assistant, Loan and Reference and Ms Natalie Williamson, Library Assistant III, Acquisitions, were granted Study Leave with pay for the period September 2014 to May 2015 to complete their undergraduate studies. Ms Joan Clarke, Secretary III, Library Administration, was granted study leave with half pay for the period August 1, 2014 to July 31, 2016 to pursue a Master’s Degree in Management Information Systems at Loyola University in Chicago.

The period saw the resignation of Mrs Audrey Steele, Cleaner, West Indies and Special Collections, in November 2014, Mr Dennis Samuels, Library Clerk, Science Branch Library on January 5, 2015, and Mr Jerdaine Sterling, Librarian I in March 2015.
At the end of the year several posts at the professional level remained vacant.

**COLLECTION DEVELOPMENT**

**Gifts**

The stringent financial situation during the year severely impacted collection building initiatives which are essential for effective support of teaching, learning and research on the Campus. While there was a significant reduction in the purchase of resources especially in West Indiana print material, the Library continued to benefit from valuable gifts from donors including faculty and students (past and present), researchers, notable regional citizens and well-wishers. The value of gifts received was approximately US$47,131 or just over J$5.5M. Of note was the donation of practitioner texts, law textbooks and treatises valued at J$500,000 on February 11, 2015, by the President of the Jamaica Bar Association (JAMBAR), Mr Donovan Walker.

**Table 1: Gift items added to the collection 2014–2015.**

<table>
<thead>
<tr>
<th>Branches</th>
<th>New Titles</th>
<th>Total Volumes</th>
<th>CD ROMS</th>
<th>DVD’s</th>
<th>Audio Cass.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main</td>
<td>528</td>
<td>832</td>
<td>3</td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>Science</td>
<td>93</td>
<td>137</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical</td>
<td>92</td>
<td>116</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WISC</td>
<td>1027</td>
<td>1647</td>
<td>12</td>
<td>1</td>
<td>16</td>
</tr>
<tr>
<td>WJC</td>
<td>35</td>
<td>208</td>
<td>10</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>19</td>
<td>27</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>1,794</td>
<td>2,967</td>
<td>32</td>
<td>5</td>
<td>76</td>
</tr>
</tbody>
</table>
### Table 2: Purchased items added to the collection

<table>
<thead>
<tr>
<th>Branches</th>
<th>New Titles</th>
<th>Total Volumes</th>
<th>CD ROMS</th>
<th>DVD’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main</td>
<td>102</td>
<td>122</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>15</td>
<td>19</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Medical</td>
<td>28</td>
<td>35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WISC</td>
<td>46</td>
<td>49</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>WJC</td>
<td>35</td>
<td>56</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAW</td>
<td>25</td>
<td>39</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>251</strong></td>
<td><strong>320</strong></td>
<td><strong>2</strong></td>
<td><strong>2</strong></td>
</tr>
</tbody>
</table>
E-Books, Serials and Databases

While the Library met its target of purchasing e-books for the general collection and to support course reading lists, it was unable to adequately purchase West Indiana e-resources, primarily because of the financial constraints. The Library ensured, however, that titles purchased from major vendors, EBSCO and Wiley, were obtained in single, three user, and unlimited user access formats, so that many of the titles were accessible to several users at the same time (similar to having multiple copies of a title).

The majority of the Library’s journal subscriptions remained unpaid since 2013 and while access to a few journals was provided by some vendors, other services were cancelled. The Library also suffered a setback with the bankruptcy of a longstanding vendor of serial publications – SWETS. The decision was taken to transfer the current subscription of SWETS’ 151 journal titles to EBSCO. A rationalization of the Library’s journal subscriptions took place in November, and a number of journals were cancelled.

Databases also suffered the same fate with long delays in payment, the most notable being Science Direct which offers over 400 journal titles in varied areas of Science. The service was terminated in January 2015 for non-payment of the 2014 subscription. Access was granted later in 2015 after payment was made. Access was also lost to the Springer America’s Collection of over 1400 science journals at the end of 2014 for non-payment of 2013 and 2014 subscriptions.

Credo, a reference database offering full text to over 600 reference titles was the only new database that was added to the Library’s suite of databases during the year. As a result of this, the expensive Encyclopedia Britannica was cancelled since a condensed version is available via Credo.

ACCESS TO COLLECTIONS

As part of the strategic goal of the Mona Library, the Cataloguing Section continued its important work of enhancing the Single Virtual
Library Space by creating seamless access to resources via a number of initiatives. These initiatives include the provision of metadata for digital collections (including electronic theses), retrospective conversion of the Main Library’s collection, and full implementation of the new international cataloguing standard RDA (Resource Description Access), a process which was introduced last year.

Work was done on cataloguing the John P O’Connell books (a gift of over 900 Caribbean titles) and the continued processing of the Rex Nettleford collection which allowed patrons access via UWILinC.

Digitization of Unique Caribbean Resources

A major project for the year was the adding of metadata to two historic map collections, 18th Century Jamaican Maps and Rare Maps of the West Indies (pre-1900). The collections together include 75 individual maps, with the Rare Maps covering the Caribbean Area from Florida, through Central America, to the Southern part of South America, and the Greater and Lesser Antilles, with English, French, Spanish and Dutch demarcations.

UWIMINET

The Cataloguing Section continued to provide support services to members of UWIMINET, especially to Mona School of Business and Management and Sir Author Lewis Institute for Social and Economic Studies (SALISES).

Use of Collections

There continues to be a downward trend in the loan of print items with an increase in the use of e-resources. This pattern is in keeping with the global trend in the use of library resources.

Overnight issues declined by 4%, with actual figures falling from 21,472 in the previous reporting period to 20,621 in the current year. Reading room issues declined even more – 7%, while open shelf loans declined by
33%, falling from 15,626 to 10,520. On the other hand, use of electronic sources continued to increase.

The overall decline in the issuing of resources in the library may be attributed to more students accessing electronic books and articles via UWIIlinC which is borne out by the statistics for database use.
Five of the top ten print books issued this year were published by UWI staff while all of the top ten electronic books were produced by UWI staff.

### Top Ten Print Books

<table>
<thead>
<tr>
<th>Title</th>
<th>Number of Times Borrowed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Marketing</td>
<td>701</td>
</tr>
<tr>
<td>Fundamentals of Analytical Chemistry</td>
<td>648</td>
</tr>
<tr>
<td>Blooming with the Pous: Critical thinking, reading and writing across the curriculum</td>
<td>627</td>
</tr>
<tr>
<td>Inorganic Chemistry</td>
<td>604</td>
</tr>
<tr>
<td>Gender in the 21st Century: Caribbean perspectives, vision and possibilities</td>
<td>544</td>
</tr>
<tr>
<td>International Organizations: The politics and processes of global governance</td>
<td>512</td>
</tr>
<tr>
<td>Winner takes all: The Westminster experience in the Anglophone Caribbean</td>
<td>505</td>
</tr>
<tr>
<td>Caribbean Sociology: Introductory readings</td>
<td>453</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>413</td>
</tr>
<tr>
<td>Caribbean Freedom: Economy and society from emancipation to the present – A student reader</td>
<td>410</td>
</tr>
</tbody>
</table>
Top 10 E-Book Usage

<table>
<thead>
<tr>
<th>Title</th>
<th>Full Text Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inna Di Dancehall: Popular Culture and the Politics of Identity in Jamaica</td>
<td>354</td>
</tr>
<tr>
<td>Commonwealth Caribbean Contract Law</td>
<td>313</td>
</tr>
<tr>
<td>Man Vibes: Masculinities in the Jamaican Dancehall</td>
<td>275</td>
</tr>
<tr>
<td>Caribbean Sociology: Introductory Readings</td>
<td>258</td>
</tr>
<tr>
<td>An Introduction to Politics: Lectures for First Year Students</td>
<td>239</td>
</tr>
<tr>
<td>Introduction to Caribbean Politics</td>
<td>180</td>
</tr>
<tr>
<td>Gangs in the Caribbean</td>
<td>173</td>
</tr>
<tr>
<td>Sound Clash: Jamaican dancehall culture at large</td>
<td>165</td>
</tr>
<tr>
<td>Understanding Crime in Jamaica: New Challenges for Public Policy</td>
<td>123</td>
</tr>
<tr>
<td>Confronting Power, Theorizing Gender: Interdisciplinary Perspectives in the Caribbean</td>
<td>105</td>
</tr>
</tbody>
</table>

INFORMATION LITERACY INITIATIVES

The Mona Information Literacy Unit (MILU) developed and coordinated the delivery of over 300 sessions in the Main and Branch Libraries which saw attendance by approximately 5653 students. The major teaching activity in the Library for the academic year continued to be the teaching of information literacy competencies through UWI Foundation Course training sessions for undergraduate students.
Table 4: Spread of Information Literacy Sessions at the Mona Library 2014/2015.

<table>
<thead>
<tr>
<th>Main Library and Branch Libraries</th>
<th>Sessions</th>
<th>Number of Attendees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main</td>
<td>178</td>
<td>3842</td>
</tr>
<tr>
<td>Law</td>
<td>34</td>
<td>616</td>
</tr>
<tr>
<td>Medical</td>
<td>15</td>
<td>693</td>
</tr>
<tr>
<td>Science</td>
<td>24</td>
<td>440</td>
</tr>
<tr>
<td>UWI Mona Western Jamaica Campus</td>
<td>98</td>
<td>507</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>349</td>
<td>6098</td>
</tr>
</tbody>
</table>

**Orientation, UWILinC, and Specialized Sessions**

Orientation of students to the Library, its resources and services continued to be one of the highlights of the Campus’ orientation period. The sessions introduced incoming students to the Library and offered essential information to assist them in becoming avid library users and lifelong learners. Through presentations and physical tours of the Library, approximately 750 new commuting students and 1025 new students from the eight Halls of Residence were familiarized to the layout of the library and its collections and resources. This reflects more than 100% increase over the 2013/2014 academic year, and resulted from collaboration between the Library and the Office of Student Services and Development, and Librarians’ involvement in the Halls of Residence Programme. A new initiative, a Library Graffiti Board, facilitated students’ recording of their perceptions of the Library facilities and the tour.

A total of 507 students attended UWILinC training sessions between September 1 and 13, 2014. Online registration, marketing emails, and texts sent by MITS, appear to have influenced and increased attendance over previous years. These sessions empower students to effectively locate and use the Library’s resources.
In consultation with faculty, sessions in specific disciplines and topics such as avoiding plagiarism, and citing and referencing, were also offered to undergraduate students.

**E-Resources Fair**

The Science and Medical Branch Libraries collaborated in hosting the fifth staging of an *E-Resources Fair* on April 9, 2015. The Fair offered valuable information in areas such as the creation and maintenance of an EndNote Library, and the use of databases to do scholarly research using Proquest and EBSCO databases. Presentations were done by overseas vendors, Antonio Alba and Thais Casanova from Proquest, and Damien Satterthwaite from EBSCO. Attendance was less than expected as a result of the visit of the President of the United States, Mr Barrack Obama. Sessions from the Science Branch Library were rescheduled to April 15, 2015, and included presentations on SciFinder and COS-Pivot by Mrs Karlene Robinson.

**Halls of Residence Librarian Programme**

The Halls of Residence Librarian (HRL) Programme which was launched in the 2013/2014 academic year continued to be a flagship activity in the year under review. In reaching out to the first year students, the Halls of Residence Librarians focused on commuting students during Semester 1 of the academic year. During the ‘Research Rescue’ sessions that were held at the Commuting Students’ Lounge, students were provided with assistance in referencing, citing, and general research questions.

**GRADUATE STUDIES**

**Thesis Scrutiny and Consultation Support to Graduate Students**

The Library continued to have a positive impact on the work of graduate students through its consultation and scrutiny programme. This programme has led to a significant decrease in instances of plagiarism and other technical challenges associated with dissertation development. While the
number of consultations/scrutiny has almost tripled during the year, face-to-face consultations outnumbered that of theses sent directly from the Office of Graduate Studies and Research (OGSR). A total of 105 consultations were done with 60 theses scrutinized.

The Faculty of Science and Technology continues to be the Faculty with the highest throughput rate for graduate theses. Over thirty theses were examined by the Science librarians either in consultation sessions or via scrutiny, and the majority were doctoral theses.

Table 5: Five-year Growth of Theses Scrutinized

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Masters</td>
<td>103</td>
<td>22</td>
<td>28</td>
<td>43</td>
<td>41</td>
<td>43</td>
</tr>
<tr>
<td>PhD</td>
<td>62</td>
<td>40</td>
<td>55</td>
<td>49</td>
<td>53</td>
<td>49</td>
</tr>
<tr>
<td>Total</td>
<td>165</td>
<td>62</td>
<td>83</td>
<td>92</td>
<td>94</td>
<td>92</td>
</tr>
</tbody>
</table>

Theses Writing Workshops

The MILU Librarian participated in the Office of Graduate Studies and Research – MPhil/PhD Thesis Writing Seminars by delivering presentations on “The Library’s Role in the Thesis Submission Process for Examination” on May 12, 19 and June 9, 2015. The presentation from the first Thesis Writing Workshop is available for viewing on UWITV @ https://www.youtube.com/watch?v=5UWBdI-ULj0

The important role of the Library in the thesis submission process was underscored with the Coordinator of the Mona Information Literacy Unit presenting to faculty at a Supervisors’ Development Course in November 2014 and May 2015.
Research Guides

Liaison Librarians continued the preparation of Research Guides for various subject areas, using the content management programme, *LibGuides*. The guides bring together information resources in specific disciplines to help users in their search. Students also have access to the guides prepared by the librarians at the Alma Jordon Library at the St Augustine Campus and vice versa. All guides can be accessed at http://libguides.uwi.edu/.

Research Days – February 9–11, 2015

The theme for 2015 was *Innovating for Development through Science, Creativity, Production and Governance*. Researchers at the Mona Campus of The University of the West Indies (UWI) demonstrated how key innovations resulting from their work continue to contribute to regional development.

The Library’s role within this context was captured in a poster that projected the library as the information hub, research support and catalyst for research and innovation through four broad areas; namely, *collection and tools* (electronic resources and databases); *physical space*, *instruction* (information literacy sessions and UWILinC training) and *consultation* (thesis scrutiny). From these facilities and services which the Library provided, came output and innovation from all five Faculties.

The Research Days Exhibition Team consisted of Karlene Robinson (Coordinator), Tanya Manassi, Jessica Lewis, Rochelle Davis, Damien Cox and Dennis Samuels. This team was responsible for the design of the Main Library’s poster as well as planning and execution of the exhibition at the booth.

INCOME GENERATION

On-going services and initiatives at the Mona Library continued to generate income for the work of the Library and by extension, the Campus. These include the Bindery and Preservation Unit, the
Multifunctional Room, as well as the Reprographics Services Unit (RESU) in the Main Library, with Branch Libraries playing a significant role in generating income through printing and photocopying fees, room rentals, and fines for late returns.

The work of the Bindery and Preservation Unit saw income of J$497,000 generated during the period under review, bringing the total Bindery Fund to J$7.6 M. There is the recognition, however, that the economic challenges of the Campus may have hampered preservation work and so inhibited a greater income, as there was an inability to repair important equipment and to purchase needed material. A proposal by the Campus Principal towards the development of a Business Plan for the Bindery is being explored.

Rental of the Multifunctional Room and attendant equipment realized an income of J$872,700.00 during the academic year.

The unique collections of the Mona Library continued to be of immense academic value to researchers worldwide. Approximately J$120,000.00 in user fees were realized from both international and local visitors for the 2014/2015 period.

Recommendation from the Library to the Mona Senior Management Team for application of outstanding library fines and materials to be added to the students’ accounts, was accepted and approved by Mona F&GPC. This will result in added income for the Campus.

In an environment of increasing journal subscription costs globally, the Library continued, in collaboration with faculty from various departments, a process of aggressive cancellation of low-use print journal titles which resulted in an eventual saving of US$5,720 for the review period.

**OUTREACH**

The Library participated in varied outreach initiatives at the national and regional levels including the following:

- **Health Information Literacy Training to Educational Institutions**
  
  The Library continued to receive requests from schools and other
institutions for training in Information Literacy. During the period under review the Library provided training on *Academic Writing and Reference* to participants of the Psychiatric Nursing and Nursing Administration Programme of the In-service Education Unit at the Ministry of Health. Information Literacy training was also provided for students of the Brown’s Town Community College School of Nursing in September 2014.

**• Denbigh Agricultural Show**

The Library provided support to the Mona Campus’ display at the Denbigh Agricultural Show from August 4–6, 2014. The University showcased its work under the theme: *The UWI: Solutions for Climate Change and Food Security.* The Library displayed books and brochures on food security and climate change, as well as posters marketing the Library.

**• Teachers’ Colleges**

A preliminary meeting towards possible collaborative initiatives was held on September 24, 2014 with Mona librarians and librarians from eight teachers colleges across Jamaica which offer B.Ed programmes that now fall under UWI. Although students from the teachers’ colleges do not have UWI Library access under this agreement, the "Jamaica Committee” established by the Vice Chancellor, has been mandated to explore further possible collaboration.

**• Read-Aloud Sessions to Neighbouring Primary Schools**

Mona Librarians initiated the development of, and participated in, Read Aloud sessions to students at New Providence and Mona Heights Primary Schools on April 30 and May 1, 2015. These sessions were well received by the schools.

**• Professional outreach activities by Mona Librarians**

Mona Librarians continued their involvement in professional activities nationally, thereby establishing the leading role of UWI.

In March 2015, Ms Sandra Stubbs, Librarian-in-charge of the UWI Mona – WJC Library, was a panellist at the Meeting of the Finance
Managers of the American Association of University Presses held in Montego Bay. The panel entitled: “Librarians Speak . . . About Books and Journals” was organised by International Sales and Special Markets of Project MUSE, and Johns Hopkins University Press, and involved discussions about university presses, books and journals, online book/journal collections, and aggregations, as well as collaboration between libraries and university presses.

Ms Cherry-Ann Smart and Ms Karen Tyrell conducted a workshop for the Library and Information Association of Jamaica (LIAJA) Schools Section entitled “Diversifying Library Collections through Policy Creation and Implementation: Creating a Collection Development Policy” in June 2015.

Ms Rosemarie Runcie, Head of the Cataloguing Section, facilitated two RDA workshops on behalf of the Library and Information Association of Jamaica (LIAJA), training librarians from across Jamaica in the application of international Resource Description and Access standard.

- **Mould Abatement Support to the Campus by the Bindery and Preservation Unit**

  Staff from the Bindery and Preservation Unit provided expertise in the mould abatement exercise at the Sir Alister McIntyre Building, Mona School of Business and Management, between June and July 2015. The Team utilized specialized equipment from the Bindery to clean documents, books and staff equipment.

- **Support to External Users of the Library**

  The Library welcomed visits from schools, colleges, universities and the general public throughout the year. More than 120 researchers from countries including the USA, United Kingdom, Greece, Australia, Japan, France, Germany, Ireland, Canada, as well as the Caribbean region were granted access to the Collection.

  The Library also facilitated an influx of students from High Schools across Jamaica utilizing its resources to complete School Based Assessment Projects for CSEC Examinations. Students from 10 schools were accommodated during the year.
Unique to this academic year, was the visit of a group of approximately 40 principals from schools across the Island who toured the library in May as part of The Mona Principal’s Outreach to high schools.

- **Field Work/Internship Placements**
  Fieldwork and Internship placements were provided for students from the Mico University College, the Excelsior Community College, Department of Library and Information Studies, and CARIMAC.

- **Community Service Programme**
  Under the supervision of Mr David Brown, Chief Binder, two students from Papine High School and Jamaica College undertook 20 hours of community service.

- **Care to Share Outreach to Neighbouring Basic Schools**
  The Care to Share Team, consisting of five staff members reached out to the Mona Commons Basic School and the Escarpment Road Basic School during the year with donations of school supplies which were provided by Library staff.

*Ms Calarine Smith, Care to Share team member, interacting with teacher and students from Escarpment Road Basic School.*
• Disaster Preparedness Training for Cave Hill Library Staff

Two members of staff from the Sydney Martin Library, Cave Hill Campus, Mr Carlyle Best, Head of Special Collections, and Mr Randy Batson, Library Assistant, were on attachment to the Mona Library from May 18–22, 2015. Messrs Best and Batson worked with Mr Dunstan Newman, Preservation and Conservation Librarian, and the Conservation and Preservation Team to develop a disaster plan for the Sydney Martin Library.

Exhibitions

The Library mounted several exhibitions during the period under review:

– The Vice Chancellor’s Award for Excellence. This major exhibition highlighted the achievements of the awardees and included an audio visual component which was streamed on Mona TV.

– The Mona Library partnered with the National Library of Jamaica to mount a display at the Pavilion of the Western Jamaica Campus to complement the launch of a book by Olive Senior entitled “Dying to Better Themselves: West Indians and the Building of the Panama Canal.

– “Outstanding Men in Science”. This exhibition featured UWI lecturers who had done groundbreaking work in the field of science and technology.

– “The Mona School of Engineering”. This exhibition captured the entire programme of the School and examined jobs and careers in the field.

– “The UWI Women in STEM” featured the work of over twenty women scientists (professors and doctors) in the Faculty of Science & Technology, UWI Mona, and also brought attention to the work of women scientists in the world.

– “Edward Seaga: Statesman, Political Leader and Cultural Guardian” was mounted at the Main Library to showcase some of the varied types of items contained in the Edward Seaga Collection. There was
also a specially curated display of items from Mr Seaga’s personal collection of artifacts.

– An exhibition was mounted in the Medical Branch Library on July 27 as the Library’s participation in the World Hepatitis Day.

– The history and future development of UWI Mona – Western Jamaica Campus, was the focus of an exhibition mounted in September 2014 at the WJC.

– A small exhibition was mounted in the Medical Branch Library to memorialize two medical students (Danielle Hanson and Mikhail Campbell) who died tragically on November 29, 2014.

STAFF DEVELOPMENT

Initiatives Aimed at Developing Staff Competency

The Library continued its staff development initiatives aimed primarily at enhancing staff competency in specific areas by facilitating their participation in a wide range of training courses, workshops and seminars. During the year deliberate efforts were made to address competencies at all staff levels in the Library. Staff therefore received training in areas such as supervisory management, information literacy, digital preservation, legal information resources, shelving, as well as techniques for teaching with 21st century technologies. Some of these training sessions were conducted by the Human Resource Management Division and the Campus Bursary, while others saw delivery by library staff with specialist knowledge. Specialized sessions for library staff were also facilitated by EBSCO.

Of note were the following:

• Librarian-in-charge of the Law Branch, Myrna Douglas, with assistance from Rochelle Davis, Law Librarian, developed and delivered two training sessions to paraprofessional staff and Field Work students on “Identifying and Understanding Bibliographic Data from Legal Information Resources” and “Understanding Data Entry in the Procite Software”.

– 21 –
• Randia Shaw, Amainia Walters and Shomar Beckford attended the HEART Trust/NTA Data Operations Level I training programme on August 14, 2014.

• Jessica Lewis attended the Leadership Development Sessions under the theme “Leadership Coefficient”. The series started on September 23, 2014.

• Beverly Burte, Senior Library Assistant, attended the workshop entitled “Teaching with 21st Century Technology” on January 12 and 13, 2015 at the Mona School of Business and Management Training Room. The workshop was facilitated by The Centre for Excellence in Teaching and Learning, UWI Mona.

• The following staff members attended the Sanitation Practices Workshop at the Human Resource Management Division’s Conference Room in March 2015: Shomar Beckford, Veronica Carwin, Joan Grant, Icilda Lewis, Maxine Pusey, and Gloria Webster.

• Leadership Development Workshop Series 2015 were attended by David Brown and Yolanda Tugwell. The series started on March 11, 2015.

• Supervisors, including ATS staff, were updated on the Online Assessment Software of the Campus at a workshop held on March 30, 2015. In attendance were Myrna Douglas, Jessica Lewis, Janet McCallum, Pauline Nicholas, Tereza Richards, Karlene Robinson, Frances Salmon, Sandra Stubbs, Walter Gordon, Cedric Palmer and Sonia Stewart. The facilitators were Mr Leighton Chambers, Information System Manager and Mr Steven Stanley, Senior Human Resource Assistant, Organisational Development & Employment Services (ODES).

• Clerical assistants and librarians attended an EBSCO session in April 2015 aimed at updating library staff on new and enhanced products from EBSCO, one of the leading database and e-resource providers to the Library.

• Cedric Palmer offered intense training in shelving techniques to all Cleaners and Library Attendants on November 24, 2014.
• Karlene Nelson, Special Collections Librarian, participated in a Digital Preservation workshop, jointly hosted by the Campus Libraries, St. Augustine and the National Archives of Trinidad and Tobago, March 2–6, 2015, at UWI, St. Augustine Campus.

• Members of the ATS staff: Audrey White, Marcia Dunkley, Ricardo Jackson, and Mervin Brown-Housen, attended Computer Literacy 101 Workshops in April and June 2015 offered by the Human Resource Management Division.

• In July 2015, three librarians, Jessica Lewis, Faith McKoy-Johnson, and Karlene Nelson, participated in the Research Methods Workshop for Academics sponsored by Mona School for Graduate Studies and Research, Mona Office of Research and Innovation, and Open Campus.

• Teaching librarians participated in a “Train the Trainers” workshop for teaching librarians at the Mona Library on July 10, 2015, conducted by the Mona Information Literacy Unit in collaboration with the Centre for Excellence in Teaching and Learning (CELT). The workshop was aimed at developing staff classroom/student engagement techniques and providing an overview of the new Association of College and Research Libraries Information Literacy Framework.


PAPERS PRESENTED AT CONFERENCES/SEMINARS

Maureen Kerr-Campbell and Frances Salmon

• “Capacity Building through a Continuing Education Programme: the Case of The University of the West Indies Mona Library.” XLV Conference of the Association of Caribbean University, Research and Institutional Libraries (ACURIL), Suriname. June 7–11, 2015.
Paulette Kerr

- “Global Research and Initiatives in Media and Information Literacy and Intercultural Dialogue at the University of the West Indies.” Presented at the MILID Week Conference. Beijing, China Sept 26–29, 2014.

Jessica Lewis


Tanya Manassi, Beverley P Lashley and Karlene Nelson

- “Breaking the chasm between policy and practice: Retooling practitioners to effectively address Digital Rights Management issues presently being faced at the University of the West Indies Mona Library.” XLV Conference of the Association of Caribbean University, Research and Institutional Libraries (ACURIL), Suriname. June 7–11, 2015.

Karlene Nelson and Tanya Manassi


Melva Armstrong, Dunstan Newman and Carol Bent-Wright

- “The Economic and Social Resilience of Small Informal Family Enterprises (SIFEs): A phenomenological study of food vendors on a university campus”. The UWI, Mona Campus, Department of Sociology, Psychology and Social Work. The Human Resources Management Development Graduate Programmes 20th Anniversary

Cherry-Ann Smart


Cherry-Ann Smart and Dunstan Newman


POSTER PRESENTATIONS

Olivine Thomas, Stanford Moore and Dunstan Newman

• “Organisational Change Determinants: Moderators of Successful tacit Knowledge Transfer”. Department of Sociology, Psychology and Social Work. UWI, Mona Campus Research Day January 2015.

PUBLICATIONS

Refereed Journal Articles

Sasekea Harris


Jessica Lewis

Dunstan Newman and Nadine Newman


Pauline Nicholas, Jerdaine Sterling, Rochelle Davis, Jessica C. Lewis, Rosemarie Runcie, Faith McKoy-Johnson and Karen Tyrell


Karlene P Robinson, Rosemarie Runcie, Tanya Marie Manassi, and Faith McKoy-Johnson


Non-refereed Articles

Angela deFreitas, and Jessica C. Lewis


Maureen Kerr-Campbell


Pauline Nicholas and Jerdaine Sterling

PUBLIC SERVICE

Paulette Kerr
- Member, Standing Committee and Paper Reviewer European Conference on Information Literacy (ECIL)
- Member, Board of Directors, National Forum on Information Literacy (USA)
- Chair and UWI Representative on the UNESCO UNITWIN MILID Group
- Member, Association of Library and Information Science Education (ALISE)
- Co-Chair Work-in-Progress Poster Showcase ALISE Conference
- Member, Library and Information Association of Jamaica

Sasekea Harris
- Editor and Reviewer: LIAJA Journal, Number 1
- Reviewer: International Journal of Library and Information Science

Beverley Lashley
- Judge, 2nd Annual Rita Marley Foundation (Jamaica) Essay Competition

Karlene Robinson
- Chief Examiner for Principles of Business, Caribbean Examination Council

Frances Salmon
- Member, Editorial Committee, LIAJA Journal

Cherry Ann Smart
- Board member/WIGUT representative, Jamaican Copyright Organisation (JAMCOPY)
- Secretary, Jamaica Reading Association
- Member, Book Industry Association of Jamaica
– Member, Library and Information Association of Jamaica
– Member, Mixed Method Information and Research Association
– Member, Association for Information Science and Technology (ASIST)
– Member, International Literacy Association
– Friend of the Kingston St. Andrew Parish Library

Yolanda Tugwell
– Member, Library and Information Association of Jamaica serving on the Academic Section Committee (2015–).

HONOURS AND AWARDS
– Ms. Sandra Stubbs received a Pioneer Award for “Pioneering role in the establishment and development of the Western Jamaica Campus”.

THE LIBRARY
FACULTY OF HUMANITIES AND EDUCATION

Mona

Year ending July 31, 2015

SWITHIN WILMOT
BA UWI, DPhil Oxon
Dean
Overview

The Faculty of Humanities and Education maintained its commitment to the major goals of the 2012–2017 University Strategic Plan and pursued initiatives within the resource constraints.

TRANSFORMATIONAL ACADEMIC INITIATIVES

In support of the Single Virtual University (SVU), the School of Education (SOE) sustained its initiative in the delivery of the special Masters of Arts in Teaching – Part I programme (Graduate Diploma in Education) to four sites, Bermuda, Mona, St. Lucia and Western Jamaica Campus, concurrently.

The SOE and the Joint Board of Teacher Education (JBTE) also sustained the initiative from the Ministry of Education and the Office of the Vice-Chancellor for the award of UWI Bachelor of Education (B.Ed.) degrees for programmes of the Teachers’ Colleges of Jamaica in thirteen specializations. The detailed review of respective programs was achieved.

TEACHING, LEARNING AND STUDENT DEVELOPMENT

Curriculum Reform and Renewal remained the collective focus of the Faculty which is determined to preserve UWI’s reputation as an institution of higher learning dedicated to the attainment of the human potential of its students. Indeed, the Faculty underscored the relevance of the
humanities by way of the following initiatives enhancing and expanding its undergraduate program and course offerings.

- The Caribbean Institute of Media and Communication (CARIMAC) continued with course development for the new Bachelors of Fine Arts programmes in Animation and Film Production that will commence in August 2015.
- The department of Literatures in English, in support of the strategic plan to anchor the Faculty as the premier institution for instruction in filmmaking, benefitted from the appointment of Mr. Storm Saulter as Filmmaker-In-Residence for Semester 2, Academic Year 2014/2015. On March 20, 2015, he presented a lecture entitled, “Towards a New Caribbean Cinema,” that included screenings of his films.
- Minors in Chinese, English Language Writing and Speech and Law for History Majors were approved. The Minor in Japanese was offered for the first time and the Minor in Cultural and Creative Industries was amended.
- Three B.Ed programmes in Information Technology, Computer Science and Information Communications Technology, respectively, were developed based on a comprehensive review of existing programmes.
- The Major in Entertainment and Cultural Enterprise Management was refined.
- Overall, thirteen new courses and four amendments to existing courses, reflecting the several disciplines in the FHE, were approved.

TURNING OUT THE IDEAL UWI GRADUATE

Internships and other out of classroom learning experiences, locally, regionally and internationally which are integral to the students’ exposure and training were integral to the following programmes: Archaeology, Education, Entertainment and Cultural Enterprise Management, Integrated Marketing and Communication, Journalism, Library Studies and Modern Languages.
In keeping with the goal of the Strategic Plan to produce graduates capable of oral communication in English and with communication skills for the world of work, the Language section of the department of Language, Linguistics and Philosophy fine-tuned the courses launched last academic year in Critical Reading and Writing. The year-long six-credit Foundation course for students unable to demonstrate a sufficient level of English language proficiency for academic success was also delivered and improvements in students’ capacity are anticipated.

Undergraduate registration declined by 4 per cent when compared to the previous year. Financial difficulties and increased access for Jamaican students to the Faculties of Law at Cave Hill and Mona affected intake, since in the past, several students turned to the humanities when entry to Law was far more restricted.

MANAGEMENT, QUALITY AND CONDUCT OF GRADUATE PROGRAMMES

The Faculty maintained the commitment to enhance graduate studies.

- A new Graduate Programme in Higher Educational Management was developed for implementation in the 2015/2016 academic year and the Master of Arts in Teaching (MAT) was revised.
- Six new courses, including those for the new program to be launched in Archives and Records Management, were developed and approved by the Board of Graduate Studies and three others were revised.
- The restructured taught Master’s Programme in Philosophy commenced in September 2014.
- Three PhDs were awarded during the year, with one, Orville Beckford, receiving High Commendation. Six M.Phils and three PhDs are currently under various stages of examination.
- The initiative for blended learning in existing graduate programmes was operationalized by way of the Master of Library and Information Studies (MLIS) and the Master of Arts in Library and Information Studies (MALIS).
Two revamped graduate programmes that were offered in the year under review: the MPhil/PhD in Library and Information Studies and the MA in Translation delivered by the department of Modern Languages and Literatures.

RESEARCH AND INNOVATION

The scholarly production outlined in the various departmental reports indicates that the Faculty has sustained its well-deserved reputation for quality research. Of special mention is the fact that seven colleagues published single authored refereed books during the academic year:

- Dr. Ray Hitchins, *Vibe Merchants: The Sound Creators of Jamaican Popular Music*.
- Dr. Erin MacLeod, *Visions of Zion: Ethiopians and Rastafari in the Search for the Promised Land*.
- Dr Vivette Milson-Whyte, *Academic Writing Instruction for Creole-Influenced Students*.
- Dr. Mathew Smith, *Liberty, Fraternity, Exile: Haiti and Jamaica after Emancipation*.
- Professor Waibinte Wariboko, *Elem Kalabari of the Niger Delta. The Transition from Slave to Produce Trading under British Imperialism*.

Research in the following areas also received support by way of fellowships or multidisciplinary/cross faculty Grants from the Campus Research Committee:

- Village-Communities, Power, and Tradition in Equatorial Guinea, 1900–1968
• Participation in organized sports and its effect on delinquency in Jamaica and Barbados: an examination of Hirschi’s social control theory

• An evaluation of the efficacy of INSIGHTS (psycho-education intervention) in enhancing academic skills and improving behaviour.

• Sign Language dialectology in CARICOM member states.

NATIONAL ENGAGEMENT AND OUTREACH

The Faculty maintained its national profile with departments mounting conferences, public lectures, symposia and collaborated with public agencies in the furtherance of developmental policy. Specific mention is made of the following:

• Several departments organized workshops on the Mona Campus and at the Western Jamaica Campus for teachers and students in support of the respective CXC/CAPE syllabi.

• CARIMAC hosted a public lecture in December 2014 by Professor Vibert Cambridge, from the School of Media Arts and Studies, Scripps College of Communication, Ohio University, USA. He delivered a well-received lecture on, “Jamaica inna Guyana: The Jamaican presence in Guyanese musical life during the 20th century”.

• The Institute of Caribbean Studies in collaboration with the Office of the Principal, UWI, Mona, hosted the fourth International Reggae Conference under the theme “Musical Legends and Cultural Legacies” between February 11 and 13, 2015.

• Professor John Ayotunde Bewaji delivered the first Professorial Inaugural Lecture in Philosophy on February 19, 2015. The title of the Inaugural Lecture was, “Liberation Humanities for Africa and the Diaspora.”

• The School of Education and the Caribbean Institute of Media and Communication (CARIMAC), the Faculty of Social Sciences and the UWI School of Nursing in collaboration with the Mixed Methods
International Research Association staged the Mixed Methods Research Caribbean Conference at the Mona Visitors’ Lodge on the Mona Campus from March 12 to 13, 2015.

• In April 2015, the School of Education Centre for the Assessment and Treatment of Exceptionalities (SOECATE) signed a contract with the Ministry of Education to conduct psycho-educational assessments for the placement of students in ASTEP schools. Approximately 4,000 students are being tested islandwide. To date 2,500 have been completed. Students in the Masters in Educational Measurement and Bachelors in Literacy Studies were trained and are being paid to conduct the assessments. Through collaboration with the Faculty of Social Sciences, students completing a Masters in Applied Psychology are also on the team.

• The Department of Literatures in English partnered with Two Seasons’ Guest House and the Gloria Lyn Memorial Fund (GLMF) to stage the Two Seasons Talking Trees Literary Fiesta on Saturday, May 23, 2015 at the Two Seasons Guest House, Treasure Beach, St. Elizabeth. A stellar group of poets and storytellers headlined the event which received very favourable support, including students from the Mona campus and other tertiary institutions.

REGIONAL AND INTERNATIONAL COLLABORATION

The Faculty developed and/ or sustained initiatives which brought important regional and international visibility to the UWI and to the Mona Campus as follows:

• Several colleagues in the Faculty continued to support the Caribbean Examinations Council’s CSEC and CAPE examinations by serving on Subject Panels and as Chief and Assistant Chief Examiners in the Faculty’s respective disciplines.

• The Departments of Literatures in English, Language, Linguistics and Philosophy, and CARIMAC, in collaboration with the E. Desmond Lee Professorship in African/African-American Studies, International Studies and Programs at the University of Missouri,
Saint Louis, hosted the 7th Africa World Documentary Film Festival from October 2–5, 2014. Over 20 films were shown from Africa and African Diaspora communities around the world.

- The School of Education (SOE), in partnership with the Ministry of Education, Jamaica; HEART Trust/NTA; University of Technology (UTech); Caribbean Association of National Training Agencies (CANTA) and UNESCO Kingston Cluster Office for the Caribbean, hosted the Second International Conference on TVET in the Caribbean from May 13 to 15, 2015 at the Hilton Rose Hall Resort & Spa, Montego Bay under the theme Jamaica Education in TVET: Imperative to National and Regional Development

- Dr. Carmen Bovell, under the aegis of a United States Fulbright Specialist grant, assisted the SOE’s early childhood education programmes, particularly with the design of aspects of a new Master of Education programme in Early Childhood Education

- On June 2, 2015, the department of History and Archaeology, in association with the University College of London’s Legacies of Slavery Project hosted a Workshop under the theme, “The Significance and Structure of British Slave Ownership, 1763–1833”. Historians from the UWI and the University College presented.

AWARDS/HONOURS

The following colleagues received the Principal’s Research Awards for 2015:

- Dr. Susan Anderson for Best Research Publications in the Book Category for: Climbing Every Mountain: Barriers, Opportunities and Experiences of Jamaican Students with Disabilities in their Pursuit of Personal Excellence.

• Dr. Deon Edwards-Kerr and Mrs. Joan Spencer-Ernandez for the Research Project with the Greatest Business or Economic Development “Impact for the School of Education Centre for the Assessment and Treatment of Exceptionalities” (SOECATE).

• Dr. Loraine Cook for the Research Project Attracting the Most Funds for the INSIGHTS Project.

• Professor Stafford Griffith shared with persons from five other Departments of the University as Director of the School and Co-Manager of the National College of Educational Leadership (NCEL) Project. This was an inaugural award by the Principal for the Research Project with the Greatest Multidisciplinary/Cross-Faculty Collaboration.

• The School of Education received an award from the UWI Development and Endowment Fund ‘in recognition of and appreciation for continued support through scholarships’.
OVERVIEW

This year was another successful one for CARIMAC, in which our 40th Anniversary was observed in style with a wide range of public and academic events. Four new academic programmes were approved. We successfully completed both an Operational Audit and a Quality Assurance Review. The Institute continues to work towards becoming the Caribbean School of Media and Communication (CARIMAC) and to expand its operations both in UWI Mona – Western Jamaica Campus (WJC) and in the wider Caribbean.

WORK OF THE DEPARTMENT

Expansion of Programmes

The Mona ICT Policy Centre (MICT) and its Masters degree programme in Telecommunications Policy and Technology Management (TPM)
were transferred from the Mona School of Business and Management (MSBM) to CARIMAC. The TPM Masters will again be offered in the 2015–2016 academic year.

New Undergraduate Programmes

The new academic programmes which were approved in 2014 are scheduled to be offered in the 2015–2016 academic year. These are the Bachelor of Fine Arts (BFA) in Animation and the Bachelor of Fine Arts (BFA) in Film Production. These programmes mark the first time that the UWI Mona Campus will be offering BFA degrees. These will be offered as self-financing undergraduate programmes, again a first for CARIMAC and the Faculty. In addition, a new computer laboratory and additional classrooms are being equipped to accommodate students in the new programmes.

Graduate Programmes

One of two newly approved Masters degree programmes at CARIMAC, the Master of Arts in Integrated Marketing Communication (IMC), will be offered starting September 2015. The second approved Masters, the MSc. in Media Management, is to be offered in association with MSBM in September 2016.

In late May, CARIMAC hosted a very well attended launch of the IMC programme in preparation for the start of the new programmes at CARIMAC.

Animation Graduation

The Institute continued to lead in the training of young Jamaicans in the art of cartoon animation. A graduation ceremony for its latest cohort of 2D Animation Certificate students saw a total of 15 graduating at WJC earlier this year. The guest speaker at the function was Ms. Carole Beckford, Film Commissioner, Jamaica Promotions Corporation (JAMPRO). The graduating class brings to just over 100, the number of certificate students trained in Animation by CARIMAC over the last
two years. Some of the more qualified among these certificate students sought further education in the new BFA Animation programme at CARIMAC.

**CARIMAC Operational Audit**

Starting in November 2013, an operational audit of CARIMAC was conducted by the University Audit Department. Auditors worked from a base at CARIMAC over several months to examine all operational systems, accounts, processes and relevant documents. According to their final report, CARIMAC maintained a well-managed and credible operational environment.

**CARIMAC Quality Assurance Review**

Overlapping the Operational Audit was the Quality Assurance Review (QAR) of CARIMAC, which started one week after the end of the grueling 40th Anniversary celebrations. Nevertheless, the Institute provided the required information, support and cooperation for the QAR, covering the period 2009–2014. While preparations and relevant meetings were held well in advance, the official team visit took place December 1–5, 2014.

The review included the CARIMAC programmes at Mona and at the Western Jamaica Campus. The Review Team, headed by Professor Emeritus Vibert Cambridge, from the School of Media Arts and Studies, Scripps College of Communication, Ohio University, had meetings with various stakeholders, such as employers of graduates, academic, administrative, technical and service staff, students and key UWI management personnel.

The preliminary report from the Team, received in May 2015, indicated, among other things, that CARIMAC has a respected international presence and is actively fashioning undergraduate and postgraduate curricula that respond to Jamaica’s and the Caribbean’s dynamic communication environment. It sees these activities as being in harmony with the UWI’s mission as expressed in the 2012–17 Strategic Plan. The Team supported CARIMAC’s strategic goal of becoming a School of
Media and Communication at UWI. They also identified several areas of improvements that require attention. These include a review of the DMP Programme, attention to staff needs and better throughput for graduate students. The Institute submitted its response and an Action Plan has been prepared for review by the Faculty of Humanities and Education Board and the Academic Board.

**CARIMAC’s 40th Anniversary Celebrations**

The Institute celebrated its 40th anniversary in October 2014. The goal was to consolidate the reputation and visibility of the Institute, build its alumni and public support and showcase the new programmes and development at CARIMAC. The Anniversary activities included:

1. A soft launch in June 2014 at the UWI Regional Headquarters.

2. A two-day Academic Conference at CARIMAC UWI Mona Campus, on video game design and technology. Main speakers were Professor Joseph Sauter, Chief Executive Officer of Entertainment Arts Research Inc. in Atlanta and Dr. Gary Liu Vice President of the same organization. The theme of the Conference was ‘Changing Game: Designing for Development’.

3. A student-led Homecoming Grill-Off, held on October 18. This competition took place on CARIMAC’s lawns, where well-known CARIMAC alumni competed against lecturers and students in sponsored culinary competitions.

4. The 40th Anniversary Church Service and Reception was held on Sunday, October 19, at the University Chapel, and was well attended.

5. Anniversary Cake Cutting Ceremony and Public Forum on Jamaican Music, hosted by CARIMAC students and staff at WJC.

6. The 40th Anniversary Gala Banquet was held to a capacity gathering at the Jamaica Pegasus Hotel on Saturday October 25, 2014. A large number of industry players and alumni attended. The Honorable Obediah Wilchcombe, Minister of Tourism of the Bahamas (and CARIMAC alumnus) was the Guest Speaker.
Scholarships – Arnold Foote Foundation and JMMB

During the year, CARIMAC was able to secure a total of four scholarships for students who were performing excellently but who could not afford their fees. The Arnold Foote Foundation handed over $350,000 each to three top performing but needy students while JMMB offered one scholarship in the same amount for a total of J$1.4 M.

Distinguished Lectures

During the year under review, CARIMAC hosted two distinguished lectures as part of its Distinguished Lecture Series. The first one for the year was presented in December 2014 by Professor Vibert Cambridge, from the School of Media Arts and Studies, Scripps College of Communication, Ohio University, USA who was the Quality Assurance Team Leader. He delivered a well received lecture on, “Jamaica inna Guyana: The Jamaican presence in Guyanese musical life during the 20th century”. The Lecture explored the musical connections between Jamaica and Guyana during the 20th century and the consequences of those connections. It reflected on the dynamic impact Jamaican music has had on Guyanese social, cultural, and political life over the past 40 years.

The second lecture was the 5th Annual Aggrey Brown Distinguished Lecture held on April 16, 2015. It was delivered by CARIMAC alumna and part-time lecturer, Mrs. Janet Morrison. Mrs. Morrison, a former student and current part-time lecturer at CARIMAC was also the winner of the BBC Radio Drama competition for 2013. The lecture was on the theme, “Pure Drama: Revisiting the Radio Play”. Both events were very well attended and very well received.

UWI Research Days

The Institute participated in the Campus Research Days activities, February 9–11, 2015 where it had three posters displayed. An information session on Animation was held at CARIMAC Annex II Lab. Approximately 35 persons participated.
WJC Radio Studio

CARIMAC installed a radio studio console at the WJC campus to assist in the delivery of Communications programmes at that campus.

ACADEMIC STAFF MATTERS

CARIMAC’s Director, Professor Hopeton Dunn, was among the recipients of the Vice Chancellor’s Award for Excellence. His award was in the area of Public Service.

CARIMAC WJC Co-ordinator, Mr. Patrick Prendergast, was appointed Acting Director of The Western Jamaica Campus, for one year, effective May 1, 2015. He is acting for Dr Luz Longworth who was appointed Acting Principal of the Open Campus for one year.

Mr. Steffon Campbell who served as Acting CARIMAC Coordinator at the Western Jamaica Campus while Mr. Patrick Prendergast was on study leave, demitted office at the end of his contract period in July 2015.

Dr Anthea Henderson completed a successful semester engagement as Visiting Lecturer at the Communications Department of the London School of Economics and Political Science (LSE) in London UK.

CARIMAC lecturer, Miss Charmaine Henry, who became ill during Semester 2 of the last academic year, died on July 27, 2015.

STUDENTS AFFAIRS

Governor General’s Achievement Awards

CARIMAC student, Joel Nomdarkham, was among the 39 awardees who were honoured for excellence in the fields of volunteerism, education, family and community service at the Governor General’s Achievement Awards held at King’s House on November 27, 2014.
2nd Annual ArtUp Down Town Exhibition

CARIMAC students participated in the 2nd Annual ArtUp Down Town Exhibition in January, 2015 at Studio 174 on Harbour Street, Kingston. The event featured photography, video and audio pieces produced by Studio 174 and CARIMAC students. Basil Jones Jr., television producer and a recent CARIMAC graduate was among those who led the activities. This community-oriented media training initiative, was implemented in partnership with CARIMAC, and is designed to strengthen community relationships in downtown Kingston and to encourage change leadership through media by empowering Jamaicans from diverse educational and socio-economic backgrounds to work together and tell their own stories.

Radio Production Award: Best Documentary Programme

A Radio Documentary by CARIMAC’s final year student, Jessica Mars on ‘The Discriminatory Treatment of Black West Indians Serving in the British Forces in World War II’ was played on RJR’s Beyond the Headlines Programme on November 11, 2014. She was also interviewed by the Programme host, Mrs. Dionne Jackson Miller.

Valedictorian for the UWI 2014 Graduating Class

CARIMAC’s first class honours graduate, Miss Shantayae Grant was one of the 2014 Valedictorians for the UWI graduation exercise. Shantayae, who graduated with a BA in Integrated Marketing Communication (IMC) did her colleagues and CARIMAC proud with an excellent valedictory address. She received the highest overall GPA average within the Faculty of Humanities and Education during that year.

REFEREED RESEARCH BASED/SCHOLARLY PUBLICATIONS

Journal Articles

H.S. Dunn, Imperial Foundations of 20th-Century Media Systems in the Caribbean, in Critical Arts: Media and Empire in the 20th Century,


M.M., McNaughton, **D.M.G. Soutar**, Agricultural Open Data in the Caribbean: Institutional perceptions, key issues and opportunities. Published by the Technical Centre for Agriculture and Rural Cooperation ACP-EU (CTA) (2015). 22 Pages.


**Book Chapter**


**PAPERS PRESENTED AT ACADEMIC CONFERENCES AND SEMINARS**

**Dunn, H.S.** (August 2015) “Update on New Academic Programmes and Institutional Reforms at CARIMAC” – Presented at the Caribbean Broadcasting Union’s 45th Annual General Assembly held at the Royal Torarica Hotel in Paramaribo, Suriname.


RESEARCH GRANTS

Proposals done individually or as part of a team resulted in the following grants:

Dunn, H

Review of Legal and Regulatory Frameworks and Current Sector Trends covering the countries of Trinidad and Tobago, Barbados, Jamaica and the Dominican Republic. (Component 2 of the Broadband infrastructure Inventory and Public Awareness in the Caribbean (BIIPAC) Project, Tranche A). Funded by the Caribbean Association of National Telecommunications Organizations (CANTO) in association with the Inter-American Development Bank (IDB). January 2015.
White, L

Dunn, H and Bravo, O

PUBLIC SERVICE

Professor Hopeton Dunn
– Chief Judge of new Journalism Awards Scheme hosted by the National Housing Trust in association with the Press Association of Jamaica, for Sustained Coverage of Housing and Infrastructure Issues in Jamaica.
– Chairman, Broadcasting Commission of Jamaica,
– Member, Jamaica Computer Society (JCS) Education Foundation.
– Chief Judge, Media Excellence Award Panel, Jamaica Broilers Group.
– Chairman, Advisory Committee, Media Technology Institute (MTI), a division of the Creative Production and Training Centre (CPTC).
– Member, Advisory Committee, Jamaica Press Institute (JPI), a division of the Press Association of Jamaica (PAJ)
– Member, Task Force on Global Media Policy, International Association for Media and Communication Research (IAMCR)
– Board Member, Jamaica National Commission for UNESCO
– Member of the General Council and Chair of the Graduate Studies and Research Committee of the International University of the Caribbean (IUC)
– Member, National Ecumenical Committee for the Observance of Emancipation from Slavery, Jamaica
– Member, International Council, International Association for Media and Communication Research, IAMCR.
– Lay Magistrate and Justice of the Peace (JP) for Kingston, appointed by the Governor General of Jamaica.

**Dr. Corinne Barnes**
– Member of the Editorial Board – *Journal of Human Communication Studies in the Caribbean*
– Public Relations Officer, New Testament Church of God in Jamaica
– Member, Mixed Methods International Research Association (MMIRA)
– Member, Parent/Teachers Association, Hillel Academy
– Member, Panel of Judges of the annual Press Association of Jamaica Journalism Awards

**Dr. Livingston White**
– Member, Board of Directors of the Ad Council of Jamaica
– Member of the Project Advisory Committee of the “Teen360” Virtual Classroom Project on increasing sexual and reproductive health knowledge among Jamaican young people using Information and Communication Technologies; managed by National Family Planning Board (NFPB) and funded by UNESCO.
– Member, Mixed Methods International Research Association (MMIRA)
– Founding member of International Social Marketing Association (ISMA) and a member of the Communication Sub-committee.
– Member, International Association of Media and Communication Research (IAMCR)
– Member, International Communication Association (ICA), USA
– Member (founding) of the Editorial Board – *Journal of Human Communication Studies in the Caribbean*

**Ms. Fae Ellington**
– Member, Access to Information Appeal Tribunal,
– Member, e-learning Jamaica Company Limited
– Board Director, The Chase Fund,
– Director, Jamaica Information Service
– Member, Jamaica Constabulary Force Staff College Advisory Board.

**Miss Olivia Bravo**
– Member, Greater August Town Film Project Steering Committee
– Member, Greater August Town Film Festival (GATTFEST) Planning and Marketing Committee

**Mr. David Soutar**
– Assistant Chief Examiner, Digital Media Production, Caribbean Examination Council
– Member, Planning Committee for Developing the Caribbean Open Data Conference.
Curriculum Development: The objectives which the Department set for the revision of the European History Programme were completed following the approval of the HIST3411: Britain Since 1945 in May 2014. The course was offered in 2014/15. This adds to the three courses at Levels 1 and 2 which were revised and written between 2011 and 2012. The full complement of the BA in History and Heritage Studies was realised in 2013/14, with the inclusion of HIST2902: Caribbean Historical Landscape and the Development of Eco-Tourism. The programme was also amended to include HIST3801: Historical Archaeology and HIST3013: History of the Jamaican Landscape. A Summer School course HIST2903: A Socio-Cultural History of Jamaica since 1838 was designed and approved with international students in mind. The hope is to begin offering this course in the Summer term of 2015/16.
Student Matters

The History and Archaeology Society carried out a successful membership drive which resulted in the recruitment of non-History majors from within and outside the Faculty. The Society continued its support to the Department in a variety of ways, which included their participation in Research Day activities in February 2015. They also hosted a discussion forum on the topic, “The Significance of the Humanities in Today’s World,” in which 15 students from Coventry University also participated.

Postgraduate

In 2014/15 thirteen new students registered in the Department’s graduate programmes. This included 1 in the PhD programme, 2 in the MPhil programme, 1 in the MA History and 8 in the MA Heritage Studies programmes. The annual Graduate Seminar Workshop was held on 17 and 24 April and 1 and 8 May with eight students presenting on their research topics in Heritage Studies.

Appointments & Promotions

In August 2014 Mr Zachary Beier assumed teaching duties as Assistant Lecturer in Archaeology. Dr. Jenny Jemmott was appointed Senior Lecturer, and Dr. Mathew Smith, Professor of Caribbean History. Dr. Julian Cresser was the recipient of a Mona Campus New Initiative Grant for 2014/15 for the project, “Participation in Organised Sports and its Effect on Delinquency in Jamaica and Barbados: an Examination of Hirschi’s Social Control Theory”.

Publications & Awards


**Seminars/Public Lectures/Conferences**

The Department’s 31st annual Elsa Goveia Memorial Lecture was held on 7 April 2015, and was delivered by Emeritus Professor Patrick Bryan, who spoke on “The Dominican Republic, 1870–1916: Socio-Economic and Ideological Aspects of Free Labour Plantations.” Dr. Julian Cresser, as acting coordinator, organised the Department’s Weekly Staff/Graduate Seminar Series in which 16 presentations by visitors, graduate students and staff were made. Two of these were cross campus interdepartmental, conducted via SKYPE, with the Department of History, St. Augustine campus. The Department hosted, in association with the Western Jamaica Campus, a Public Lecture delivered by Dr. Swithin Wilmot. The Lecture, “Freedom’s First Fruits: Blacks in Post Slavery Politics in Western Jamaica up to 1865” was in commemoration of Black History Month. The Public Lecture was broadcast live by MITS and students at Hunter College, New York viewed the Lecture. The Department, in collaboration with University College of London, Legacies of Slavery Project hosted a Workshop, under the theme, The Significance and Structure of British Slave Ownership, 1763–1833. This was held on June 2, 2015.

**Archaeology – Field School 2015**

The annual Field School in Archaeology for students in HIST2801: Research Methods and Techniques in Archaeology was in collaboration with the College of Arts and Sciences at Shippensburg University of Pennsylvania) in which excavations at Marshall’s Pen, Manchester were
conducted, under the supervision of Mr. Zachary Beier, Assistant Lecturer in Archaeology at Mona.

Outreach

The annual Cape Lectures in History series for High School students, was held on April 11, 2015. Five lectures were delivered: “World Wars I and 2, the Russian Revolution to 1924”, and “Nazism and in Germany up to 1945,” “Independence and National Development up to 1900-Brazil/Venezuela,” “Conquest of the Aztecs and the Incas by Spain in the 16th Century” and “Final Dismantlement of the Slave Systems, 1807–1886.” Two sessions were devoted to the approach to answering questions and were conducted by Dr. Aleric Josephs and Dr. Dian McCallum of the School of Education. For the third consecutive year a CAPE History Teachers’ Workshop was held on 22 November 2014 in SLT 2A, School of Education. Topics addressed included, General Guidelines and Approaches to Studying Topics in History: Understanding and Using the CAPE History Syllabus; Preparing to Teach the Syllabus; Approaches to Studying Topics in History; Integrating School Based Assessment into Classroom Instruction: Formative Assessment or assessment for Learning; School Based Assessment as Formative Assessment; Integrating Formative Assessment into Instruction; and Using Assessment to Improve Learning and Performance. The Workshop was attended by thirty-three (33) teachers, representing twenty-three (23) schools from within and outside the corporate area. Both outreach activities were ably coordinated by Dr. Aleric Josephs.

Visitors to the Department

On March 26, 2015, Dr. Darren Reid and Mr. Brett Sanders of the Department of International Studies and Social Science, at Coventry University, UK, met with staff with a view to establishing collaborative links between the two respective Departments which would include shared teaching via SKYPE, and participation in Coventry’s Online International Learning (OIL) programme. The 15 students who
accompanied them interacted with the History and Archaeology Society, and were taken on a guided tour of some of the historical sites located on the Campus. They also attended a scheduled Lecture in the Level I course, HIST1601: The Atlantic World, 1400–1600.

Promotional Activity

Dr. Jenny Jemmott coordinated the Department’s participation in the Campus’ Research Days activities, which also assisted in promoting the Department’s offerings. The Department’s Website and Facebook continue to be periodically updated with 31 activities posted during the year in review.

CONFERENCE/SEMINAR PAPERS

Zachary Beier


Jonathan Dalby

• “Me don’t tief it, me only take it’: Property Crime and its Prosecution in Post-Emancipation Jamaica, 1835–99,” Department of History and Archaeology, UWI, Mona Staff/Postgraduate Seminar, 12 December 2014. 37pp.

Enrique Okenve

Taka Oshikiri

- “Tea and Buddhist Monasteries in Japanese History”, the 2014 International Association for the Buddhist Studies Conference, University of Vienna, 18–23 August 2014. 9pp.

James Robertson


Robert Sierakowski


Matthew Smith


• “Geographies of Identity, Solidarity, and Belonging in the Nineteenth-Century Atlantic,” 129th Meeting of the American Historical Association, New York City, 3 January 2015. 10pp.


• “Jamaica Needs Haiti: Cultural Relations and Island Exchanges in the 1950s,” 26th Annual Conference Haitian Studies Association, University of Notre Dame, South Bend, Indiana, 8 November 2014. 20pp.
Swithin Wilmot


PUBLICATIONS

Books & Monographs:

Jenny Jemmott


Matthew Smith


Waibinte Wariboko


Journal Articles & Book Chapters

Aleric Josephs


Enrique Okenve

Taka Oshikiri


James Robertson


Matthew Smith


Swithin Wilmot

PUBLIC SERVICE

Zachary Beier
- Member, Executive Committee of the Archaeological Society of Jamaica.

Dave Gosse
- Chairman, Board of Management, Ardenne High School.

Jenny Jemmott
- Member, National World Heritage Committee, Jamaica National Heritage Trust.
- Member, Departmental Representative: UNESCO/African Caribbean Institute of Jamaica/ Jamaica Memory Bank: Project on Intangible Cultural Heritage Committee.

Aleric Josephs
- Chief Examiner, CAPE (History) for Caribbean Examination Council.

Kathleen E. A. Monteith
- Member, Editorial Board, Journal of Caribbean History.
- Member, National Library of Jamaica’s Collections Development/ Information Systems and Services and Management Committee.
- Member, Memory of the World Committee, UNESCO, Jamaica.
- Member, Executive Committee, Jamaica Historical Society.

James Robertson
- Vice President, Jamaican Historical Society.
- President, Archaeological Society of Jamaica.
- Member, National Archives Advisory Committee.
- Member, Editorial Board, Journal of Early American History.
Matthew Smith
– Member, Board of Directors of the National Museums of Jamaica, Institute of Jamaica.
– Chair, Content Sub-Committee, Board of Directors of the National Museums of Jamaica, the Institute of Jamaica.
– Member, Editorial Board, Small Axe.
– Member, Editorial Board, Social and Economic Studies.

Waibinte Wariboko
– Member, Editorial Board, Mbari: The International Journal of Igbo Studies.

Swithin Wilmot
– Member, Board of Trustees, The Archbishop Samuel Carter Educational Fund.
– Member, Board of Directors, National Museum of Jamaica, Institute of Jamaica.
– Member, Editorial Board, Journal of Caribbean History.
– Editor, Journal of Caribbean History.
– Convener, Executive Nominating Committee of the Association of Caribbean Historians.

INFORMATION ON STUDENTS

Prizes Awarded

The Gladwyn Turbutt prizes for:
European History Cornel Justin Anthony Bogle
<table>
<thead>
<tr>
<th>Course</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archaeology</td>
<td>Sherdaye Bennett</td>
</tr>
<tr>
<td>Atlantic World History</td>
<td>Johanna Elizabeth Shoucair</td>
</tr>
<tr>
<td>Historical Methodology</td>
<td>Camesha Jhonell Lindsay</td>
</tr>
<tr>
<td>Asian History</td>
<td>Jordan Craig</td>
</tr>
<tr>
<td>Heritage Studies</td>
<td>Johanna Elizabeth Shoucair</td>
</tr>
</tbody>
</table>

**The Neville Hall prize:**

- History of the Americas: Yuchen Andre Moodie

**The Walter Rodney prize:**

- African History: Lipton Orlando Matthews

**The Elsa Goveia prize:**

- West Indian History: Camesha Jhonell Lindsay
A new Head of Department, in the person of Dr. Lawrence Bamikole, Senior Lecturer in Philosophy assumed office on 1st of August, 2014 with the avowed vision to unify and integrate the different Sections, Units and Centres that constitute the Department. In this connection, an events committee was established and entrusted with the task of overseeing events that encompassed all the different organs that make up the Department. This committee contributed to the successful execution of the Departmental plans and activities during the 2014/2015 academic year.

The Department participated fully in the University Research Days held February 9–11, 2015. Research was presented by Dr. Michele Kennedy with Mrs Trecel Messam-Johnson, Ms Kadian Walters and Dr. Lawrence Bamikole with Ms Sandra McCalla. The Philosophy Section held a
Panel Discussion on “Freedom and the Democratic State”. Dr. Caroline Dyche organised two critical thinking UWI Research Day 2015 workshops delivered by Dr. Carmeneta Jones, and attended by students from Calabar High School and the American International School of Kingston. The Linguistics Section held Mini Lectures on Language and Linguistics and Cape Workshops on Communication Studies.

In an effort to showcase the research conducted by both post graduate students and staff members, the Department hosted its Postgraduate Research Day and Staff Research Day on May 14, 2015 and June 25, 2015, respectively. The papers presented at the Staff Research Day will be published in a special edition of the *Caribbean Journal of Education*.

The new undergraduate Grading Scheme which was introduced during the 2014/2015 academic year was successfully implemented by the Department. The new taught Masters programme in Philosophy with a new credit regime of 38 credits was introduced during the 2014/2015 academic year. During the 2014/2015 academic year, various new courses were approved for teaching in the Linguistics and Philosophy Programmes. Especially of importance, is the approval of the M.Sc. Speech-Language Pathology Programme, which is a joint offering between the Department and the Faculty of Medical Sciences. Interviews were conducted to appoint the Director and another full time staff to kick start the Programme in the 2015/2016 academic year. Two courses in Caribbean Philosophy have also been approved in response to the Quality Assurance Review in Philosophy that took place in 2012. The Caribbean Sign Language programme was also approved with the appointment of Dr. Keren Cumberbatch as Lecturer on a full time regular position.

With the mandate of showcasing the course offerings of the Department, a television advertisement was commissioned which aired on Television Jamaica (TVJ) on March 31, 2015 during the Schools’ Challenge Quiz 2015 Finals. The advertisement featured prominent Jamaicans who studied Language, Linguistics and Philosophy at the University. Additionally, members of the Department continued to visit high schools to promote the programmes offered by the Department. Dr Caroline Dyche represented the Department on the Faculty of Humanities and
Education Marketing and Outreach Committee for the 2014/2015 academic year.

The Department held its Staff Retreat under the theme “Re-connecting and Re-visioning: Overcoming the Challenges Together” on Tuesday, May 19, 2015. The Retreat enabled the Department to think strategically about the future and to develop the necessary plans to achieve the objectives set within the 2014–2017 Departmental Operational Plan. Members of the Department were assigned to spearhead the different perspectives within the Operational Plan.

The English Language Section held a Cross Campus Meeting on January 12–14, 2015 at the Regional Headquarters, UWI Mona to discuss the English Language Foundation Courses with counterparts across the four campuses: Mona, Cave Hill, St Augustine and Open Campus. An important aspect of these meetings was to gain information relating to content and delivery of these courses, and where possible, to attain equity and consistency in objectives and assessment. Recommendations were made and submitted to OBUS for examination and discussion.

The continuity and sustainability of the Communication Across The Curriculum (CAC) initiative in the Sciences, which was introduced into the then Pure and Applied Sciences in 2007, as WAC (Writing Across The Curriculum), has been assured with the institution of a Departmental Award from the Faculty of Science and Technology to a Language and Linguistics Post graduate student. The Graduate student will continue the delivery of writing and speaking modules to select courses in Chemistry and Life Sciences and will also assist with the gathering and analysis of data related to this programme. This new development has been featured in the May 2015 issue of Mona News Magazine.

As a member of the Communication Across the Curriculum Working Group, Dr. Caroline Dyche edited the first online version of the Office of the Board for Undergraduate Studies (OBUS) peer-reviewed journal Quality Education Forum, published December 2014. The theme for the journal was 'Student Populations & Increased Educational Provision: Analyses & Responses'. 
The Linguistics Section underwent a Quality Assurance Review from Monday, March 9, 2015 to Friday, March 13, 2015. The Quality Assurance Review was completed with input from members of the Section, a cross section of students and graduates and the Head of the Department. A report was received from the Quality Assurance Unit and the Linguistics Section along with the Department are deliberating on the recommendations.

Within the Linguistics Section, Professor Silvia Kouwenberg and Dr. Michele Kennedy co-led the development and implementation of the UWI-Ministry of Education Language Project for Primary School Teachers Initiative, to be piloted in the Christmas Term of 2015–2016. Approval was given in March 2015 and meetings were held with teachers at some schools. Dr Yewande Lewis-Fokum and Mrs Joan Fernandez of the School of Education are partners in the project.

The Section of Philosophy, in collaboration with The Department of Literatures in English and CARIMAC, hosted the Second Africa World Documentary Film Festival from October 2–5, 2014 at the Neville Hall Lecture Theatre, UWI, Mona Campus. The AWDFF is an annual festival that is held at venues around the world in partnership with the E. Desmond Lee Professorship in African/African-American Studies, International Studies and Programs at the University of Missouri, Saint Louis.

The Philosophy Section held the annual Ghandi Day Celebrations on October 2, 2014 at the Faculty of Humanities and Education under the theme “Passing on the Peace”. A synopsis of the life of Mohandas Karamchand Gandhi was done by Dr. Lawrence Bamikole. The Section of Philosophy with the help of the Department held a very successful UNESCO World Philosophy Day on November 21, 2014. The Inaugural Philosophy Professorial Lecture by Professor John Bewaji was held on Thursday, February 19, 2015 at the Neville Hall Lecture Theatre (N1). The title of the lecture was “Liberation Humanities for Africa and the Diaspora”.

The English Language Proficiency Test Unit (ELPTU) conducted seven
(7) test sittings during the 2014/2015 academic year. Overall, there was an increase in the number of candidates who sat the test when compared to last year’s numbers (1212 vs 1484). The number of tests offered will be reduced to three (December, April and August) in the upcoming 2015/2016 academic year as a result of low enrolment due to the introduction of FOUN 1019.

The IELTS Centre at Mona continued to carry out its key mandate of delivering the English Language tests twice monthly. For the period under review, 22 tests were delivered with a total of 1249 candidates. Additional personnel were employed to the Centre in order to improve the smooth and efficient flow of its operations. An Assistant Coordinator was employed in January 2015 and a Secretary in February 2015. Several training workshops were conducted during this period and fourteen new invigilators were employed along with twelve new clerical markers. The British Council, having acquired the mandate to conduct two new English Language tests by the UK immigration authorities, requested the IELTS Centre to deliver the UKVI and LIFE SKILLS tests on a quarterly basis.

Due to the high demand for the IELTS test, submissions were made to the British Council as well as the Bursary for permission to expand the offerings of the IELTS Centre to the Western Jamaica Campus of the University. Approval was received from both authorities and plans are being effected for the establishment of an IELTS office at this location. A Coordinator and an Assistant will oversee the operations there.

The Jamaican Language Unit (JLU) carried out the Language Attitude Survey – 10 years later: Project for L331. The instrument used for the Language Attitude Survey which was conducted in 2005 was updated and administered by the students of the L331 Language Planning class in Kingston, Montego Bay, Trelawny and St. Mary. The data was analyzed and a report is in progress. A petition aspect was added to this research where interested participants were asked to sign petitions to Parliament to pass the bill in the Charter of Rights on Freedom from Discrimination on the grounds of language. The aim is to collect five thousand signatures.
Two (2) overseas researchers visited the Jamaican Language Unit; Angela Castro, Professor and Director of the Master’s in English Didactics at Universidad del Tolima Colombia and Mr. Renauld Govain, a Lecturer from the State University of Haiti. Prof. Castro sought to create links with the MA in the English Language programme administered by the JLU. Mr. Govain sought to do research on the similarities between Jamaican Creole and Haitian Creole and to discuss the possibility for greater collaboration between the respective Universities.

The Office of Principal funded the Radio News Broadcast in the Jamaican Language Project (Braadkyaaas Jamien) for a year. This project also created and maintained a glossary for the news items as well as the translation processes. An application is in development with the intent to raise funds for the continuation of the project.

The MA in English Language programme offered through the Jamaican Language Unit was revamped and rewritten. The new version is now being circulated to the relevant offices before being sent to the Campus Board for Graduate Studies for consideration with an aim to begin offering the new programme in 2016/2017 academic year.

The Writing Centre continued to offer individual coaching for 10 hours per week and writing workshops offered (10 persons per session) on various aspects of writing a research paper. The sessions were attended mainly by students pursuing English Language foundation courses. Room two at The Writing Centre was re-configured with four (4) new computers.

**PAPERS PRESENTED**

- **Lawrence Bamikole** “Towards Mental Liberation: Bob Marley and Liberation Discourse”. Presented at the Caribbean Philosophical Association Conference, Shifting the Geography of Reason XII: Technologies of Liberation at the IBEROSTAR Paraiso Beach, Riviera Maya, Quintana Roo, Mexico, 18–21, June, 2015. 27pp.


• Carmeneta Jones. “Medical Science Students’ Perceptions of Poster Design and Presentation in a Higher Education Foundation Writing Course” at the Caribbean Tertiary Level Personnel Association Conference Trinidad, June 12, 2015.

• Carmeneta Jones. “Research-based Literacy Interventions for Boys” at the Jamaica Reading Association Conference, Kingston, November, 2014.

• Silvia Kouwenberg, “Null subjects in Papiamentu: Accounting for a


PUBLICATIONS

Books and Monographs


- Professor Hubert Devonish ‘The Creole-Speaking Caribbean: The Architecture of Language Variation’ in Dick Smakman, Patrick


**Refereed Journal Articles**


- **S. Kouwenberg**. “Dutch Guiana: Demographics and living conditions and the emergence of Dutch creoles during the first one hundred years, 1580–1675”. Journal of Language Contact 8, 2015. 70–90.


**Technical Reports**

INCOME GENERATION

The programme ‘Writing in the Workplace’ was created through the Writing Centre for National Housing Trust (NHT) staff at the level of Administrative Assistant and Secretary. A series of workshops, held over eight weeks, were delivered between September and November 2014 and were facilitated by some English Language Instructors. There were 30 registered participants from various NHT offices and departments in Kingston, Clarendon, St Catherine, and Manchester.

The IELTS Centre derived income from the tests offered during the period of which approximately one third was paid to the British Council as Centre fee. This was paid to them on a quarterly basis. The cost of the test was $25,000.00 in 2014 but was increased to £175.00 or its Jamaican equivalent in January 2015.

Another source of income for the Department was the Summer School programme held June–July 2015. Courses offered included Foundation, Language, Linguistics and Philosophy.

PUBLIC SERVICE

– Dr. Keren Cumberbatch is currently a Board Member of the Danny Williams School for the Deaf. Dr. Vivette Milson-Whyte serves as a Council Member, Girl Guides Association of Jamaica and was also Guest Speaker at the Awards Ceremony coinciding with the 100th Anniversary of the Girl Guides Association of Jamaica, Kingston on March 15, 2015.

– Professor John Bewaji holds the position of Chairman, Jamaica National Bioethics Committee of UNESCO (NBCJ). Professor Bewaji is also a Member of the Global Bioethics Organizing Committee, Global Bioethics Summit, Berlin, Germany, 2016. Additionally, Professor Bewaji is the Editor of the Caribbean Journal of Philosophy.

– Dr. Michele Kennedy was appointed in January 2015 to serve as a Member of the Board of Governors of St Michael’s Theological
College and she is also a Member of the Board of Governors of The Catholic College of Mandeville. Dr. Kennedy is also a Member of the Selection Committee for the Percy and Alice Chang Education Foundation Scholarships for Tertiary Education.

– **Ms Sandra McCalla** gave a motivational Talk titled “The Absurdity of Life Without Integrity” to members of staff at the Office of the Contractor General on January 23, 2015.

**STUDENTS**

**Prizes awarded**

**Foundation courses:**
Best Student in FOUN 1012 – Serita-Gaye Levy
Best Student in FOUN 1013 – Matthew Blake
Best Student in FOUN1014 – Shorna Smith
Best Student in FOUN1015 – Tanesha Ashbourne
Best Student in FOUN 1019 – Chantal Dixon
Best Student in FOUN 1002 (Language Argument) – Precianne Miller

**Linguistics**
Best Level-I Student – Serita-Gaye Levy
Best Level-II Theory Student – Kayla Webb
Level-II Non-theory Student – Kayla Webb
Level-III Theory Student – Sashann Dixon
Level-III Non-Theory Student – Sashann Dixon

**Philosophy**
Best Level-I Student – Randy Davidson

The **John Reinecke Prize** for Best Pure Linguistics Graduating Major – Sashann Dixon
As part of the DLIS thrust to re-position itself and to reflect current trends and development in the information profession and industry, and to meet the demands of The UWI Strategic Plan, the DLIS decided to conduct a curriculum review of the BA in Library and Information Studies Programme. This review was also recommended by the Quality Assurance Team in 2012 when the DLIS was assessed. This curriculum review was also necessary because the courses offered in Year II did not provide the scope for selection of courses to comprise a minor.
The objectives of this review are therefore to:

1. Ensure that the ALA core competencies are reflected in the content of the courses
2. Re-position the Management courses to year 2
3. Merge or eliminate courses where necessary
4. Identify courses that need up-dating
5. Identify new courses to be developed
6. Create undergraduate minors

Results of the Review

Year I / Level I

- LIBS1001 – Information and Society and LIBS1002 – Information Organization and Dissemination will be merged. The space that is created will be filled by the newly developed course LIBS1401 – Introduction to Online Searching (to be approved). The unit on the historical overview of libraries is to be revisited with the intention to shorten.
- LIBS1202 – Management of Information Systems II will be moved to Semester I – Level II

Year II / Level II

- LIBS1202 – to be moved to Semester I – Level II
- LIBS2201 – Information Resources, Their Communication and Conservation – to be re-named
- LIBS2501 – Automation in Information Work I – to be eliminated
- LIBS2502 – Computer Applications in Libraries and Information Units – to replace LIBS2501

Year III / Level III

Three courses will be compulsory. These are the two library administration courses:
• LIBS3005 – Management of Libraries in Selected Environments AND LIBS3006 – Caribbean School and Public Libraries: Practice and Issues. The third compulsory course will be LIBS3604 – Teaching Information Literacy. The additional three credits to complete the required number of library credits can be taken from the following:

• LIBS3206 – Information Resources in Selected Environments; LIBS3207 – Literature for Children & Young Adults; LIBS3502 – Technology in Libraries: Database Design & Management; LIBS3702 – Preservation Management for Libraries & Information Units; LIBS3801 – Records Management: Principles & Practice; and LIBS3901 – Access to Information in the Caribbean

• Summer School only: LIBS3207 – Literature for Children and Young Adults

Minors Proposed:
(1) Information Management – A total of 18 credits

Courses:

Level I
LIBS1001 – Information & Society (Combination of LIBS1001 & LIBS1002)

Any FIVE (5) courses from Levels II and III

Level II
• LIBS2702 – Information Architecture: Web Access & Usability
• LIBS2301 – Research Methods in Library and Information Studies
• LIBS2502 – Computer Applications in Libraries and Information Units

Level III
• LIBS3502 – Technology in Libraries: Database Design & Management
• LIBS3801 – Records Management: Principles and Practice
• LIBS3901 – Access to Information in the Caribbean
(2) Archives and Records Management - A total of 18 credits

Courses:

Level I

- LIBS1001 – Information & Society (Combination of LIBS1001 & LIBS1002)

Any FIVE (5) courses from Levels II and III

Level II

- LIBS2702 – Information Architecture: Web Access & Usability
- LIBS2201 – Information Resources, Their Communication and Conservation
- LIBS2301 – Research Methods in Library and Information Studies
- Level III
- LIBS3702 – Preservation Management for Libraries & Information Units
- LIBS3801 – Records Management: Principles and Practice
- LIBS3901 – Access to Information in the Caribbean

Curriculum Review and Enhancement

The Department expanded its course offering to meet the demands of the information profession.

New courses:

Undergraduate:

- LIBS1401 – Introduction to Online Searching
- LIBS2502 – Computer Applications in Libraries & Information Units
- LIBS2702 – Information Architecture: Web Access & Usability
• LIBS3702 – Preservation Management in Libraries and Information Units

Graduate:
• ARCM6001 – Fundamentals of Archives & Records Management
• ARCM6002 – Acquisition, Organisation & Use of Archival Materials
• ARCM6003 – Preservation of Archival Materials in Tropical Environments
• ARCM6004 – Records Management in a Digital Age
• LIBS6106 – Management of Libraries & Information Units
• LIBS6306 – Legal Information Resources Management

ARCM6001 and ARCM6002 are scheduled to be offered in academic year 2015/2016 as electives in the MALIS and MLIS programme.

Archives/Records Management Programme

Mr. John Aarons, Adjunct Lecturer in the Department and retired University Archivist was contracted as Coordinator for the Archives and Records Management Programme for the period February 1, 2015 to August 31, 2015. Among his responsibilities were the development and coordination of several detailed course outlines; development of a budget for Programme Proposal; and liaising with a Group of Experts for comments and recommendations on course/programme development. The position of Lecturer in Archives and Records Management remains vacant due to the rejection of an offer which was made to the successful applicant. The position will be re-advertised.

Articulation of UWI Bachelor of Arts in Library and Information Studies with Council of Community College (CCCJ) Associate of Science Degree in Library Technical Studies

A series of meetings were conducted with representatives of the CCCJ, the Department of Library and Information Studies (DLIS), and Dr. Christine Marrett from the UWI’s Central Office for Regional and
International Affairs (CORIA), towards articulation between the Associate Degree in Library Technical Studies, offered by the Council of Community Colleges of Jamaica through Excelsior Community College (EXED) and the Bachelor of Arts in Library and Information Studies offered by the DLIS. The courses offered by the School of Library Technical Studies at EXED were rigorously examined by DLIS with support from the Departments of Modern Languages; Cultural Studies; and Language and Linguistics and Philosophy. Dr. Christine Marrett provided advice on the University’s perspective in the process.

Approval process

Based on the UWI requirements the Evaluation Forms for Associate Degree Courses were completed for each of the courses to be articulated. Completion of the evaluation form required submission of a number of documents such as examination questions, sample scripts and teacher profiles. The request for exemption from three courses was presented to FAQAC, Faculty of Humanities and Education Board and AQAC where it was supported and approved. The process for full articulation into the Year II programme will continue.

The UWI Research Ethics Committee

On April 20, 2015, Dr. Mairette Newman from the School of Education made a presentation on “Ethical Review: Understanding and Navigating the Process” to the staff and students of the DLIS at the request of the Head of Department. The purpose of the presentation was to make faculty and students aware of the requirements of the UWI Ethics Committee regarding the research proposals and the process for submission and vetting. The meeting was attended by twenty-two faculty members and students. The following concerns were raised:

- The lengthy turnaround time for proposals to be vetted and returned to students and faculty
- Delayed communication between the ethics committee and researcher
• The lengthy processing time is likely to cause students to pay added tuition.

*Recommendations from the Department:*

Based on the challenges identified, the Department recommended a shortening of the turnaround time by adding more faculty members from FHE to the UWI Ethics Committee. These additional Faculty members should have expert knowledge in qualitative research. The FHE could also look into the possibility of having an Ethics Committee within the Faculty, similar in operation to FAQAC.

**Workshop on Online Delivery**

The Department hosted a workshop on January 15, 2015 which was geared towards equipping staff for delivery of courses in the blended learning mode. Presentations were made from Ms. Shamelia Francis and Ms. Rochelle Watkis from MITS. Faculty will use the skills acquired in the delivery of the online programme which will commence in August 2015.

**Summer School/Summer Activities**

Activities for 2014/2015 included the following:

*Summer School:*

Undergraduate Course: LIBS3207 – Literature for Children & Young Adults

Postgraduate Course: LIBS3801 – Records Management: Principles & Practice

*Semester III:*

LIBS6201 – Catalogue Creation & Use

LIBS6202 – Subject Analysis & Indexing in Information Retrieval

LIBS6504 – Integrated Library Systems

New UWI GPA System

Dr. Dian McCallum conducted a seminar in the Department on Friday, February 20, 2015 under the topic, “Assessment Matters: Developing Schemes and Scoring Rubric.” Other sub-topics discussed were Different Types of Assessment Items; Allocation of marks to questions and Table of Specification

Undergraduate Student Exit Interview

To fulfil one of our objectives as indicated in the DLIS Strategic Plan, an exit interview was conducted with the outgoing third year students. A questionnaire was administered to thirteen of the seventeen students who were expected to graduate; eight of the respondents were full-time and five part-time.

The data revealed that while working and studying helped some of the students to hone their time management skills, some of the negative effects were extreme tiredness, low grades, difficulty coping with work and school, inability to manage time, and challenges attending classes because of clashes between work and class schedule. Students mentioned that the practical nature of the courses such as the tutorials and the field trips, the variety of courses and the teaching methods impacted their learning in a very positive way. In response to what component of the programme they expected to serve them well professionally, the most popular responses were management courses, cataloguing and classification, and the information technology courses.

In their reflections on the relationships within the department, students’ responses indicated that they were generally satisfied, but spoke of the challenge of sharing the computer lab and the reading room with students from other departments. Some suggestions for improvement to the programme included:
1. Combination of some first year courses to facilitate development and offering of additional courses
2. Inclusion of more practical activities in all the courses
3. Changing the name of the degree to Bachelor of Arts in Information Studies
4. More aggressive marketing of the programme

GRADUATE STUDIES AND RESEARCH

Blended Learning Initiatives: MALIS and MLIS Programmes

Approval was granted to the Department to offer the Master of Arts in Library and Information Studies (MALIS) and the Master of Library and Information Studies (MLIS) programmes in a blended learning mode. Prior to gaining approval, the Department sought the guidance of Mrs. Pauline Cobley who recommended that the teaching, monitoring and evaluation of the online experience should be clearly evident in the proposal. The following sections were therefore included in the proposal which was re-submitted to the Campus Committee.

Teaching

A significant component of the programme will be delivered asynchronously. This will necessitate e-tutor support to supplement e-learning resources in ensuring that students are adequately engaged and remain motivated throughout the duration of the programme. Provision for e-tutors will be made to support teaching and learning. Provision will be made for one e-tutor: student ratio of 1:10. Face-to-face and the online sessions for each course will be taught by the same faculty.

Monitoring and Evaluation of the Online Experience

In addition to the standard assessment and evaluation instrument for face-to-face teaching and learning, there will be continuous monitoring of the online student experience and adjustments made where necessary.
This will be done by soliciting student feedback periodically through the online portal, as well as an end-of-semester online survey. The Department will work with the SVUS Unit to develop an appropriate evaluation instrument.

**Recommendation for Future Delivery**

Mrs. Cobley also suggested that over time the Department should consider offering all the courses in blended-learning mode, as prospective students are likely to experience challenges in attending face-to-face classes during the summer.

**Impact of blended Learning on Application**

Since the implementation of the online delivery there has been a significant increase in the number of applicants in the graduate programme. Online delivery will commence in September 2015 and will attract a wider cross-section of students from Bahamas, Trinidad and Tobago, Guyana and Dominica.

**Staff/Graduate Research Seminars 2014/2015**

As a means of highlighting and presenting areas of research, the Department re-established Staff/Graduate Research Seminars during the year with a total of 5 presentations.

**DLIS New Initiative Research**

“Media and Information Literacy Levels at the Exit Stages of the Education System in Jamaican Schools”

The Department continued its work on the research project which began in September 2013 under The UWI Mona Principal’s New Initiative Grant, to determine the levels of media and information literacy among students at the exit stages of the education system in Jamaica. Chapters 1 and 2 of the research which include the objectives for the research, methodology, and literature review have been completed.
The analysis, conclusion, implications and recommendations will be completed by October 2, 2015.

**UWI Research Days 2015**

UWI Research Days, February 9–11, 2015 focused on the theme “Innovating for Development through Science, Creativity, Productivity and Governance.” The Department’s participation was coordinated by the librarian, Ms. Paulette Bowen. Posters were displayed by staff and one graduate student under focus area #2 “Creating an Enabling Environment for Innovation and Development”.

**Posters presented:**

- **Stewart, Paulette.** “Moving Beyond Tradition: Technologies Facilitating Students’ Cognitive Ability and Modifying Pedagogical Practices of School Librarians in Jamaica and Antigua”
- **Kerr, Paulette.** MILID Yearbook 2014: Global Citizenship in a Digital World
- **Baker-Gardner, Ruth.** “A Proposed Model for the Induction of New Teachers in Jamaican Primary Schools”
- **McFarlane, Garrett.** “Faculty’s Use of Electronic Resources: A Survey”

**Research Day Workshop**

Dr. Rosemarie Heath delivered a presentation entitled, “Research and Writing: Maximizing SBA Scores While Minimizing Frustration,” to an audience of approximately 80 students and teachers from high schools and teachers’ colleges/universities.
OUTREACH AND PROMOTION

Outreach in Schools

The promotion of the Department through outreach activities continued throughout the year. Presentations were made to students and teachers at the Glenmuir High school, Calabar High School, Ascot High School and Wolmer’s Trust High School for Girls. In addition, the Department developed a workshop entitled “Research and Writing: Maximizing SBA Scores while Minimizing Frustration.” This was geared towards fulfilling the requirements of the CAPE syllabus for Caribbean Studies. The participants were therefore, primarily lower 6th form students from Calabar High School and Campion College. In response to the many requests from other schools and community colleges, the Department is preparing to host a number of similar workshops at the UWI.

Career Exposition 2015

The theme for Career Expo 2015 was “Winds of Opportunity: Driving Diversity, Innovation and Engagement.” Participation of the Department saw to the promoting and showcasing of its programmes, highlighting professional development opportunities, and providing valuable career information to students and other visitors.

STAFF MATTERS

Academic Staff

The Department welcomed 4 additional members of staff.

- Full-time Staff: Dr. Ruth Baker-Gardner and Dr. Yan Wu, Lecturers
- Adjunct Staff: Mr. Nicholas Graham and Mrs. Claudette Solomon

On March 1, 2015, Dr. Paulette Kerr, was promoted to the post of Campus Librarian. A farewell function was held in honour of Dr. Kerr and was attended by faculty, administrative/support staff and students. Dr. Paulette Stewart served as Acting Head of Department for the period March 1–July 31, 2015.
Administrative Staff

• Full-time: Ms. Natoyna Miller, Library Assistant III appointed with effect from January 1, 2015.

Research Activity and Output

The Department continues to enhance the research output of staff through a number of initiatives including setting of research agendas as well as regular research circles in which full-time academic staff discuss and share research activity towards conference presentation and publication.

PAPERS PRESENTED


• Kerr, Paulette. MILID Research and Initiatives at UWI. MILID Conference. Beijing, China. September 2014.

• Kerr, Paulette. Global Research and Initiatives in Media and Information Literacy and Intercultural Dialogue at the University of the West Indies. MILID Week Conference. Beijing, China. September 26–29, 2014.


• Stewart, Paulette. Developing Online Master’s Programs for Teacher-Librarians: Current and Proposed Programs at the UWI, Mona. International Association of School Librarianship (IASL) Conference; Moscow, Russia. August 2014.
• **Heath, Rosemarie.** The Department of Library & Information Studies, UWI, Mona: Empowering Information Professionals to Meet the Demands of the 21st Century Information Environment through Continuing Education. ACURIL Conference; Suriname. June 2015.

• **Durrant, Fay.** Balancing the Pros and Cons of Collaborative LIS Education: Making Professional Career Choices. ACURIL Conference, Paramaribo, June 2015.

**PUBLICATIONS**

**Refereed Journal Article**

- Durrant Fay, Adrian St Patrick Duncan, “An assessment of the usability of the University of the West Indies (Mona, Jamaica) Main Library’s website”, *The Electronic Library*, 2015 Vol. 33 Iss: 3, pp. 590–599.


**Book Review**


**PUBLIC SERVICE**

**Dr. Ruth Baker-Gardner**

– Member of the Executive and Chairman for the Schools’ Section of the Library and Information Association of Jamaica (LIAJA)

– Member, National Public Library Advocacy Committee

– Member, International Association of School Librarianship (IASL)
Ms. Paulette Bowen
– Member, Library and Information Association of Jamaica (LIAJA)
– Member, International Association of School Librarianship (IASL)

Dr. Rosemarie Heath
– 2nd Vice President, Library & Information Association of Jamaica (LIAJA)
– Member, International Association of School Librarianship (IASL) Conference Planning Committee for the Caribbean and Latin America

Dr. Paulette Kerr
– Member, Standing Committee and Paper Reviewer European Conference on Information Literacy (ECIL)
– Member, Board of Directors, National Forum on Information Literacy (USA)
– Chair and UWI Representative on the UNESCO UNITWIN MILID Group
– Member, Association of Library and Information Science Education (ALISE)
– Co-Chair Work-in-Progress Poster Showcase ALISE Conference
– Member Library and Information Association of Jamaica

Dr. Paulette Stewart
– External Examiner, Doctoral Committees, Department of Graduate Education & Leadership at the Northern Caribbean University, Mandeville, Jamaica
– Director, International Association of School Librarianship (IASL) – Latin America and the Caribbean
– Member, Library and Information Association of Jamaica (LIAJA)
– National Judge for the Jamaica Public Library Reading Competition
– Committee Member, National Committee of the Appointment of Master Teachers, Ministry of Education
Dr. Yan Wu
– Member, Society of American Archivists
– Committee Member – Archives Management Roundtable
– Committee Member – Metadata and Digital Object Roundtable
– Committee Member – Archival Educators Roundtable
– Member, International Association of School Librarianship (IASL) Conference Planning Committee for the Caribbean and Latin America
– Volunteer Member, Chinese Benevolent Association of Jamaica
– Volunteer Member, Office of Special Student Services at the UWI, Mona

Professor Fay Durrant
– Board Member Jamaica Library Service
– Board Member National Library of Jamaica
– Member Jamaica National Commission for UNESCO Information and Communication Advisory Committee

STUDENT MATTERS

Practicum/Internship

Students were placed at national, public, academic, special and school libraries in Jamaica, Trinidad and the USA.

<table>
<thead>
<tr>
<th>Programmes</th>
<th>Students placed</th>
<th>Countries of placement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>14</td>
<td>Jamaica (10), USA (3), Trinidad (1)</td>
</tr>
<tr>
<td>Graduate</td>
<td>2</td>
<td>Jamaica (1), USA (1)</td>
</tr>
<tr>
<td>Total Students Placed</td>
<td>16</td>
<td></td>
</tr>
</tbody>
</table>
UWI LIBRARY AND INFORMATION STUDENT SOCIETY (UWILISS)

The Society hosted a total of 6 meetings with two Guest Speakers: Ms. Stephney Ferguson, Adjunct Lecturer in the Department of Library & Information Studies and Ms. Tanya Francis from the Office of Placement and Career Services. The theme for the semester, "You Are Important", sought to equip members with knowledge that could be used to identify their individual and potential importance in their current activities and future endeavours. The society also participated in Club Fusion on February 26, 2015 where visitors to the booth were given tips on stress management. In addition, the Society also obtained sponsorship from the Library and Information Association of Jamaica (LIAJA) towards the purchase of T-shirts for the Society. Fundraising activity was a bake sale in March.
Meeting with Student Representatives

On January 22, 2015, a meeting was held with staff and course representatives within the Department. The following were highlighted in the meeting:

- Course representatives expressed the view that the new GPA system should have been implemented for just the second and first years due to the fact that the first years were new, and the second years would not be significantly affected as the class of degree awarded was not affected by the grades obtained in first year.

- There was a need for an orientation session at the beginning of Semester II for those students who missed the session at the beginning of the first semester.

- The requirement for students to attend tutorials was stressed. Part-time students expressed the challenges they experienced in attending tutorials which were set at times that sometimes required them to travel to the campus twice on the same day.

The issue of the poor writing skills of students was discussed. Representatives were informed of the need to encourage their colleagues to use the services of the Writing Centre, especially on referral, as this was important to their academic success.

INTERNATIONAL PARTNERSHIPS

UNESCO and NORDICOM

The Department was invited by UNESCO and Nordic Information Centre for Media and Communication Research (NORDICOM) to participate in a feasibility study to determine among other things:

1. The need and relevance for an international Media and Information Literacy (MIL) Institute

2. How professionals/universities can get involved in a MIL Institute

3. What should be an optimal and sustainable structure for an international MIL Institute
4. The format and type of courses to be delivered at the MIL institutions/organizations

A total of 7,000 was granted to the Department for assistance with the study.
In the 2014/2015 academic year, the Department of Literatures in English, armed with the 2012–2017 Strategic Plan, consolidated UWI’s role as the major institution for the development and celebration of literary and other artistic talent in Jamaica. This year we saw the response to our activities expand, with near capacity-filled three hundred –seat lecture halls at two book launches: one by veteran writer and scholar, Professor Emeritus Mervyn Morris and, the other, by rising, literary star, Tanya Shirley, Adjunct Lecturer. Our various activities which included several book launches, creative writing workshops, literary readings, reggae talks, film screenings and what is now our annual Poetry Clash Competition during Research Days helped to provide training in and
exposure to the creative arts. Our focus on creative writing and film studies received a huge boost with the appointment of Storm Saulter as Filmmaker-in-Residence. The department also held its annual Staff Retreat to work on the recommendations from the department’s Quality Assurance Review which included the institutionalization of the Writer-in-Residence position, the introduction of a Creative Writing Minor, as well as an MFA in Creative Writing, the expansion of our film courses and the establishment of a strong internship programme. The department will continue to work towards achieving its objectives in the 2015/2016 academic year.

In support of the strategic plan to anchor the department and university as the premier institution for instruction in filmmaking, Mr. Storm Saulter was appointed Filmmaker-In-Residence for Semester 2, Academic Year 2014/2015. The department also welcomed Ms. Shala Alert, Ms. Amina Blackwood Meeks and Mr. David Williams (Retired Senior Lecturer) as Part-time Lecturers for the academic year. The Contemporary Science Fiction course taught by Ms. Alert allowed the department to resurrect courses that were dormant for years. The Introduction to Orature course, taught by Ms. Blackwood Meeks, provided the foundation for the second level course, Folk Tale and Proverb, which unfortunately was not offered due to low registration, but will hopefully be taught in the upcoming academic year.

The Department offered four (4) courses in the summer: LITS2301, LITS2606, LITS3319 and LITS3806. This is the second year since we have reintroduced the summer programme, which will help in enhancing students’ through-put, in facilitating opportunities for Study Abroad programmes and in providing varied learning opportunities for part-time students. In respect to Study Abroad programmes, we have been approached by three universities who wish to have their students take a course with us during the summer as part of their department’s Study Abroad programme. Howard University in the USA is keen on resuscitating its Summer Abroad Programme to UWI in Summer 2016. The University of Leicester in the UK is setting up a Global Studies programme and met with us in Semester 2 to concretize plans for a possible Summer Abroad
with the department in 2016. We also met with representatives from St.
Mary’s University in the USA in Summer 2015 and explored the options
available for their Summer Abroad programme.

We have sent one new course entitled “Narratives of Migration” through
the course review process, we are finalizing the Minor in Theatre Studies
in collaboration with the Philip Sherlock Centre for the Creative Arts
and refining a proposal for a joint BA in Literature and Education, with
the SOE. In response to the Quality Assurance Review, we are developing
a Minor in Creative Writing and auditing various programmes with a
view to designing our own MFA in Creative Writing.

GRADUATE STUDIES AND RESEARCH

The programme continued with a small cohort of students. The enrolment
is expected to increase in the next few years with the introduction of the
Blended Masters Programme in Literary and Educational Studies in
partnership with the School of Education graduate programme. Meetings
have been held recently with our partners in the SOE to finalize the
structure of the joint Masters in Literary and Educational Studies. From
our end, with our recognition that many of our students in the Literatures
in English MA programme are teachers, we are adjusting the emphases
in our graduate courses (within the ambit of the course descriptions) to
accommodate the needs of these students. We are also taking note of the
through-put rates and mobilizing the graduate studies mechanisms to
keep track of students in the programme and to provide support for
efficient conclusions to these programmes. We will be resurrecting our
semester meetings on graduate students to audit progress.

The department will also be upgrading the credit rating of the MA
Programme from 24 to 35 credits. Subcommittee meetings have also
been held to review and revise course descriptions and course outlines.

Three (3) students, Whitney Eaton, Keilah Mills and Alexis Samuels
were selected for the 2014/2015 Departmental Awards. Ms. Eaton
provided support to Dr. Rachel Moseley-Wood, Associate Dean, Outreach
and Marketing. Ms. Samuels provided support to Dr. Mawuena Logan,
Events Coordinator for the department, and Ms. Mills was Research Assistant for various research projects being conducted by lecturers. Ms. Keilah Mills presented a paper entitled, “Gender, Place, and the Politics of Difference: An Ecocritical Reading of Jean Rhys’ Voyage In the Dark and Toni Morrison’s Tar Baby,” at the 33rd West Indian Literature Conference, Cave Hill, Barbados, October 2–4, 2014. Bjorn Brown, MPhil student, went on the Canada-CARICOM Exchange Programme at the University of Alberta during the academic year. Ms Alexis Samuels won an ELAP Scholarship from the Canadian Government to attend the University of Waterloo as an Exchange Research Student.

STUDENT MATTERS

The Department hosted its annual First Year Social on Wednesday, September 10, at the Multifunctional Room, UWI Main Library. Students and lecturers enjoyed the interactive session. The Annual Faculty Awards Ceremony was held on Thursday, November 6. Students Khadijah Chin, Marie-Liese George, Karlene Johnson, Xavienne-Roma Richardson, Alexis Samuels, Peta-Gaye Williams and Shanese Whyte were presented with awards. The Gloria Lyn Memorial Prize was also introduced for the first time in honour of Mrs. Gloria Lyn who was employed to the Department of Literatures in English for 20 years (January 1972 to September 30, 1992). The prize is for the student with the best performance in any West Indian Literature course, and was won by Xavienne-Roma Richardson. The department facilitated the summer employment of two students (Shanese Whyte and Samantha Stephens) at The Bank of Nova Scotia. Two students, Latoya Briscoe and Renée James, were also employed as Student Assistants in the department during the academic year. Two undergraduate students, Shanese Whyte and Cornel Bogle, won Canadian ELAP Exchange Scholarships to McMaster University and Brock University, respectively. They will spend the first semester of the 2015–2016 academic year in Canada. Ms. Tanya Batson-Savage, former Adjunct lecturer, coordinated the “Poetry Clash Competition” on Wednesday, February 11, 2015, at the annual UWI Research Days. Unpublished poets (past and present UWI students)
competed and the top three (3) winners received a cash award. Peta-Gaye Williams won the 1st prize for the second year in a row; Kaleb D’Aguilar won the 2nd prize and Nikolai-Andre Alexander, the 3rd prize. Because of the enthusiastic support and engagement of the student population and the overwhelmingly positive feedback received, this poetry competition is now an annual event.

In an effort to provide guidance to our Second and Third year English Majors, the department held its annual Career Talk on Thursday, April 16 in N4. It was titled, “Literatures in English: Good for Public Service.” The Guest Speakers were Kaytana McLeod, Principal Director, Office of the Cabinet and Lois Jennings-Walters, Deputy Chief Personnel Officer of the Services Commission. Two Departmental Consultative Committee (DCC) meetings were held for the academic year on Thursday, November 13, and Friday, March 12, respectively. These meetings allowed lecturers to meet with class representatives and receive reports from them regarding the courses taught, with the aim to improve the department’s course delivery. The students were generally pleased with our teaching, but voiced their dissatisfaction with the unavailability of books at the UWI Bookshop.

ACTIVITIES AND OUTREACH

The 8th Edward Baugh Distinguished Lecture was held on Thursday, October 16, 2014 at the Faculty of Medical Sciences, Lecture Theatre 1. The guest speaker was Professor Evelyn O’Callaghan from the Cave Hill Campus. Her presentation was entitled, “Contesting Visual Meaning: West Indian Landscapes Real and Imagined.” The Departments of Literatures in English, Language, Linguistics and Philosophy, and Carimac hosted the 7th Africa World Documentary Film Festival from October 2–5, 2014 in the Neville Hall Lecture Theatre (NI). Over twenty films were screened from Africa and African Diaspora communities around the world. The Festival was held in collaboration with the E. Desmond Lee Professorship in African/African-American Studies, International Studies and Programs at the University of Missouri, Saint Louis. It is held annually at venues around the globe.
The Department conducted a series of writing workshops during the academic year. The first writing workshop, Preparing for Publication, was held on Saturday, November 1 in N2 and facilitated by Dr. Jeremy Poynting, Managing Editor of Peepal Tree Press. The workshop focused on “arranging a collection for publication,” “self-editing” and “the editing/selection process at Peepal Tree Press.” Then two workshops on Creative Writing: Children’s Literature were hosted by Kellie Magnus, Publisher and Award-Winning Writer of the Little Lion children’s book series. The first was held two evenings per week over a two-week period (November 10, 12, 17, 19), while the second was held on four consecutive Wednesdays (January 14, 21, 28 & February 4). Each workshop culminated with a public reading. Ms Magnus will be publishing the best children’s story that was produced during the workshops. Dr Erna Brodber (Writer, Research and Lecturer) conducted the 4th workshop, Creative Writing: Prose Fiction, on four consecutive Wednesdays, (March 25, April 1, 18 & 15) in the Graduate Conference Room. The event culminated with a public reading on April 29 in N2. Also, Storm Saulter, Filmmaker-in-Residence, conducted a four-day Creative Writing: “Short Film” Workshop (May 27, June 10, 17 & 24) in Room 14, Old Arts Block, Humanities and Education. The department is having dialogue with sponsors and CARIMAC to put in production the best short film written in this workshop. Professor Emeritus Edward Baugh conducted the 6th and final workshop which was a Speech Writing Workshop on Saturday July 11, 18 and 25. All registrants in these workshops received certificates of participation.

Continuing its mandate to introduce the Jamaican public to new books, we had a number of successful book launches during the academic year. The Department collaborated with the Philip Sherlock Centre for the Creative Arts to launch Kei Miller’s most recent prize winning books, Writing Down the Vision: Essays and Prophecies (Bocas Prize) and The Cartographer Tries to Map a Way to Zion (Forward Prize) on Sunday, December 21, 2014. Dr. Michael Bucknor and Dr. Norval Edwards were the launch speakers. The Department launched the book, The Merchant of Feathers by Tanya Shirley at the Faculty of Medical Sciences, Lecture Theatre 3, on Thursday, January 8, 2015. Dr Kei Miller delivered
the launch talk. As a major feature of Research Day, the Department, with the support of Ian Randle Publishers, organized the launch of *Ms. Lou: Louise Bennett and Jamaican Culture* written by Poet Laureate of Jamaica, Emeritus Professor Mervyn Morris. The launch took place at the Faculty of Medical Sciences, Lecture Theatre 3 on Tuesday, February 10, 2015. Guest performers included Dr. Lilieth Nelson, Amina Blackwood Meeks, Oku Onuora, Jean “Binta” Breeze and Mutabaruka. The Launch Speaker was Edward Baugh, Professor Emeritus of English, UWI Mona. The Department also collaborated with the University of the West Indies Press and the Sir Arthur Lewis Institute of Social and Economic Studies to launch Erna Brodber’s latest book, *Nothing’s Mat* on Tuesday, June 9 at the Multifunction Room, The Mona Library, UWI. The Launch speaker was former student, Dahlia Harris.

The department, in partnership with Blue Moon Publishing, presented *Fun & Joke Aside* on Sunday April 12 in N1. It featured Owen ‘Blakka’ Ellis and Dr. Michael Abrahams. The discussion on the serious business of comedy was a huge success.

For the first time in its history, the Department partnered with Two Seasons’ Guest House and the Gloria Lyn Memorial Fund (GLMF) to stage the Two Seasons Talking Trees Literary Fiesta on Saturday, May 23, 2015 at the Two Seasons Guest House, Treasure Beach. Lorna Goodison headlined a stellar group of readers including Jamaica’s Poet Laureate Mervyn Morris, UWI Professor Emeritus of English Eddie Baugh, Retired Senior Lecturer, Dr Victor Chang, Adjunct Lecturer and poet Tanya Shirley, storyteller Amina Blackwood Meeks, Poetry Clash winner Peta-Gaye Williams, and blogger and researcher at UWI, Mona, Annie Paul. The department provided a bus for members of the UWI Writer’s Circle (student club) and other Literatures in English majors. The event was the best fiesta the organizers have witnessed, since its inception.

The department also conducted four Meet the Author sessions: Ms Ava Brown presented a Reading of *Bamboo and Fern*, her autobiography, on Monday, September 22, 2014 in N4 for the West Indian Autobiography LITS2511 class. The acclaimed Jamaican writer Lorna Goodison, who
teaches at the University of Michigan, paid a brief visit to the campus on Thursday, November 20, 2014. Professor Goodison met with Level II students from Love, Death and Poetry LITS2004 and Level III students from West Indian Special Author Seminar: Lorna Goodison LITS3501 in a lively session which included reading from her work as well as a question and answer period which proved both instructive and entertaining. Students expressed their appreciation of Professor Goodison’s generosity and warmth, as well as of the insights gleaned in the informal session. Ms Tanya Shirley, Adjunct Lecturer, conducted a Meet the Author workshop with two groups of students from the American International School of Kingston, on April 22 and May 13 and also discussed her first book of collection, She Who Sleeps With Bones, which was on the West Indian Poetry course with the students of LITS2503. The department notes the value of such opportunities for students to interact with writers, especially those whose work is part of the programme they are pursuing.

Our very popular March Is Literatures in English Month activities began on Sunday March 1, when the Department partnered with the Kingston Book Festival to stage “Love Affair with Literature 4.” It featured poetry and prose readings by Mervyn Morris, Sharon Millar, Tanya Shirley and Roland Watson-Grant. This year’s round of Reggae Talks was hosted by Professor Carolyn Cooper and featured Jimmy Cliff on March 5, Iba Mahr and Notis on March 12, Chronixx on March 19, Kabaka Pyramid on March 26 and culminated with Lloyd ‘King Jammy’ James on April 2. These talks remain a major outreach activity for both the general public and non-literature majors on campus. “March is Movie Month at Mona” returned this year and featured our Filmmaker-in Residence, Storm Sauter, who presented a lecture entitled, “Towards a New Caribbean Cinema,” that included screenings of his films. The event was held on Friday, March 20 in N1. The series culminated with Professor Funso Aiyejina, Dean, Humanities and Education, St. Augustine Campus, presenting a screening of his film on Earl Lovelace on April 22.
OUTREACH TO SECONDARY SCHOOL STUDENTS

In support of the teaching of literatures in English at the high school level, Dr. Michael Bucknor presented 4 Workshops for CAPE Literatures in English high school students at the Western Jamaica Campus on January 12 and 13. Dr. Moseley-Wood also made a presentation entitled “Follow Your Passion: Fulfilling Careers in the Faculty of Humanities and Education” on Tuesday, January 13, 2015. On March 24, 2015, Dr. Michael Bucknor discussed Olive Senior’s *Gardening in the Tropics* with CAPE Literatures in English students at Campion College and responded to questions on his article, “Sounding Off: Performing Ritual Revolt in Olive Senior’s *Meditation on Yellow.*” Ms Lisa Brown delivered a presentation entitled, “Critical Thinking in the Language Arts,” to the staff of the English Department at the Holy Childhood High School on October 22, 2014. She also made a presentation on Julius Caesar to CSEC Students at St. Georges’ College on Wednesday April 15, 2015. The CAPE Literatures in English Lecture/Discussion Series with CAPE students continued this year and were held on Friday, April 10 and Friday April 17, respectively. Approximately 300 students attended, and twenty-four schools participated. The presenters were Ms. Carolyn Allen, Dr. Michael Bucknor, Dr. Norval Edwards, Dr. Benjamin Hilb, Dr. Mawuena Logan, Dr. Anthea Morrison and Dr. Rachel Moseley-Wood.

STAFF/POSTGRADUATE SEMINAR SERIES

The Department’s Staff/Postgraduate Seminar Series featured a number of visiting academics, staff members and graduate students. The presenters included the following:

- **Keilah Mills**, MPhil candidate, presented on the topic “Gender, Place and the Politics of Difference: An Ecocritical Reading of Jean Rhys’ Voyage In the Dark and Toni Morrison’s Tar Baby” on Friday, November 28.

- **Bryan Chitworth**, PhD candidate at Emory University, delivered a paper entitled, “Towards a Fiscal Sociology of Anglophone Poetry:
the Congress for Cultural Freedom and the Institute of Jamaica” on Friday, December 5.

- **Dr. Michael Bucknor**, Senior Lecturer and HOD, presented the paper, “Canada in Black Transnational Studies: Austin Clarke, Affective Affiliations and the Cross-Border Poetics of Caribbean-Canadian Writing” on Friday, January 30.

- **Dr. Phanuel Antwi**, Assistant Professor, University of British Columbia presented the paper entitled, “Cheerfulness: A Feeling of Structure in Settler Writing” on Friday, February 13.


- On Friday, March 20, **Ms. Lisa Brown**, Lecturer, presented a paper entitled, “Finding Space to Mourn: Self-discovery in Paule Marshall’s Triangular Road.”

- **Dr. Kelly Josephs**, Associate Professor, City University of New York presented a paper entitled, “Teaching the Digital Caribbean: The Ethics of a Public Pedagogical Experiment” On Friday, April 24, 2015.

- **Dr. Nadia Ellis**, Assistant Professor, University of California, presented a paper entitled, “Splayed Anthems: Notes on Diaspora and Incursion, Repetition and Recuperation, New Orleans and Kingston,” on Friday, April 17, 2015.

- **Dr. Benjamin Hilb**, Lecturer, Department of Literatures in English presented a paper entitled, “Afro-Haitian-American Ritual Power: Vodou in the Welles-FTP Voodoo Macbeth,” on Friday April 10, 2015.

- The seminars culminated on Tuesday, June 30 with a presentation by **Elisa Serna-Martinez**, PhD candidate at the Universidad de Granada, entitled “Mapping Postcolonial and Feminist Theories in
the Anglophone Caribbean Diaspora Through the Writings of Opal Palmer Adisa.”

REGIONAL AND INTERNATIONAL OUTREACH

Dr. Michael Bucknor participated in a panel discussion on “Contemporary Caribbean Literature” at the Aunty Roachie Festival at the Ranny Williams Entertainment Centre on August 5, 2014. After the panel discussion, he did a Radio Interview with Ms Kitty Live on Nationwide Radio. He also participated in a panel discussion entitled “Bridging the Gap: Agents of Change” at the Student Leadership Empowerment Sessions at the Mico University College on August 26, 2014. Dr. Bucknor was invited to join the CaribLit Collective to continue work on encouraging creative writing and publishing in the region. He met with other stakeholders between October 31 and November 4, 2014 in Trinidad, December 6 and 7, 2014 in Barbados and on May 5, 2015 in Trinidad. CaribLit is a regional partnership established in 2012 by the Bocas Lit Fest, Commonwealth Writers, and the British Council, to support and promote Caribbean writing and publishing. He represented the UWI on an Emerging Leaders in the Americas Programme (ELAP) Collaborative Mission which visited eight universities in Canada between November 12 and 23, 2014 to explore collaborations in research, student exchanges, programme sharing and internship opportunities. This was an initiative by the Canadian Bureau of International Education to encourage Jamaican students and researchers to apply for their ELAP and CANADA-CARICOM scholarships to attend Canadian universities for up to two semesters in an academic year. He was the keynote speaker at the Kingston Book Festival’s discussion of “The Role of the Media in Building a Literary Culture” on Thursday March 5, 2015 at the Multifunctional Room at the Main Library, UWI. He also attended the Bocas Literary Festival in Trinidad, between April 29 and May 3, 2015.

Professor Carolyn Cooper engaged in a public conversation on Caribbean popular music and dance with the Martinican singer Jocelyne Beroard of Kassav at King’s College, University of London on January 12. Billed as a “Moving Conversation”, the event was sponsored by the research
project “Modern Moves: Kinetic Transnationalism and Afro-Diasporic Rhythm Cultures”. The project is funded by the European Research Council and directed by Professor Ananya Kabir, Department of English, King’s College. Professor Cooper is a member of the research project’s board. She also gave a public lecture, “‘Talk Like Miss Lou, Mi NoTalk Like Foreigner’: Jamaican Language Politics At Home and Abroad”, on January 11 at the Karibu Centre in Brixton, cohosted by the Pan-African Society Community Forum and the Garvey-Rodney Centre. Professor Cooper was the Chief Judge of the non-fiction panel of the OCM Bocas Prize 2015. She participated in a panel discussion on “Nation and Language” and also in the adjudication of the overall winner during the Bocas Lit Fest between April 29 and May 3, 2015.

Dr. Anthea Morrison participated in the Quality Assurance Review of the Section of Literatures in English, Faculty of Humanities and Education, UWI, St. Augustine Campus, February 23–27, 2015. She also participated in a "Professional Development Workshop for Teachers of English," organized by students of the School of Education, April 14, 2015.

Ms. Tanya Shirley, Adjunct Lecturer was one of two specially invited guests at the Bocas South Literary Festival in Trinidad and Tobago on November 8–9, 2014. She gave a public reading from her second collection of poems, The Merchant of Feathers, just released by Peepal Tree Press, UK, and she conducted a workshop for aspiring poets. She was also one of the featured poets in the National Library’s Poet Laureate Series. The event, which was hosted by Professor Emeritus Mervyn Morris, was held at the Errol Flynn Marina in Portland on November 16 and also included a reading by Professor Emeritus Edward Baugh. She was also a judge of the JCDC Creative Writing competition.

STAFF MATTERS

The department welcomed Dr. Benjamin Hilb who was appointed Lecturer in the Department with effect from January 19, 2015. We also welcomed Mr. Storm Saulter who was appointed Filmmaker-in-Residence
in Semester 2, and Ms. Shala Alert, Ms. Amina Blackwood Meeks and Mr. David Williams who were employed as Part-time Lecturers. The department congratulated Dr. Michael Bucknor on being appointed as the new Public Orator of the Mona Campus, for three (3) years, with effect from August 1, 2015. Dr. Rachel Moseley-Wood completed her two-year tenure as Associate Dean, Marketing and Outreach in July 2015. As Associate Dean, Dr. Moseley-Wood chaired the Faculty’s Outreach and Research Days Committees. She visited numerous schools in Kingston and rural Jamaica to promote the work of the programmes of the Faculty. In 2014–2015, Dr. Anthea Morrison fulfilled the duties of Deputy Dean (Faculty of Humanities and Education) with responsibility for undergraduate matters, a position she has held since 2013. During the summer of 2015, Dr. Mawuena Logan and recently appointed Dr. Ben Hilb resigned from the university. The department thanks them for their service and wishes for them further development in their new appointments. With the pending retirement of Prof. Carolyn Cooper at the end of the 2015–2016 academic year, the department will advertise three positions for 2016.

PAPERS PRESENTED


Ms. Lisa Brown presented a paper entitled, "Knowing Rivers, Seas and Oceans: Surveying the 'Tripartite' Self in Paule Marshall’s Triangular Road” at the 33rd West Indian Literature Conference, Cave Hill Barbados, October 2–4, 2014. Ms. Brown was also one of the winners of the Inaugural Timothy Dow Adams Award by a/b: Auto/Biography Studies. The award will support her attendance at the 1st Biennial Conference of IABA-Americas Chapter at the University of Michigan, Ann Arbor on June 4–7, 2015, where she will be presenting a paper entitled, “We Meet Again! Researcher, Subject and Text in Caribbean

**Professor Carolyn Cooper** gave a lecture, “Louise Bennett: Dat Cunny Jamma Oman”, on February 7 at the 8th annual Louise Bennett-Coverley Reading Festival held at Broward College, Fort Lauderdale. On February 9, she gave a lecture on “Bob Marley: Chanting Songs of Redemption” at Broward College. On February 13, she gave a paper, “Dem Naa Go Tired Fi See Bob Marley Face: Imagining the Legend In the International Reggae Poster Contest,” at the 3rd International Reggae conference, UWI, Mona. She participated in a “Higher Education Roundtable: International Trends & Opportunities” at the 3rd CARIFORUM/EU Business Forum held in Montego Bay, April 15–16. She presented a paper on “Transforming Institutions Through Creative Industries Programmes.” Professor Cooper also gave a paper, “‘Rebel Music’: Bob Marley’s Songs of Resistance”, at a symposium, “Bob Marley: Time Will Tell,” hosted by the Centre for Caribbean Studies, Casa de las Américas, Havana on May 18. The symposium was part of an international colloquium on "Cultural Diversity In the Caribbean."

**Dr. Rachel Moseley-Wood** presented a paper entitled “Dominance and Violence in Ghetto’s Life: Mediating Garrison Politics in Jamaican Film” at the International Academic Forum (IAFOR) North American Conference on Media Film and Cultural Studies. The conference was held September 18–21 at the Providence Marriott Downtown, Providence, Rhode Island, USA. Dr. Moseley-Wood presented a paper entitled “Bob Marley’s Impact on Film” as part of a panel on Reggae Music and Film at the Bob Marley 70th Earth Strong Event on February 6, 2015, organised by the Bob Marley Foundation at the Bob Marley Museum, Kingston. She also presented a paper entitled “Lurking in the Subtext: Homoerotic Desire in Third World Cop” at the International Reggae Conference on February 13, 2015 and presented that paper as well at the Talking Bodies Conference, held at Chester University, UK from March

PUBLICATIONS

- **Bucknor, M.** Review of Robert Antoni’s As Flies To Whatless Boys in *Journal of West Indian Literature* 22.2 (Nov 2014): 73–75.


PUBLIC SERVICE

Ms. Lisa Brown
- JCDC Creative Writing Competition 2015
- Adjudicator – Essay Writing
- Chief Adjudicator – Short Story

Dr. Michael Bucknor
- Editor, *Journal of West Indian Literature* (Regional Refereed Publication)
- Editorial Board Member, *Caribbean Quarterly*
- Member, Board of Readers, Issues in Critical Investigation, Vanderbilt University, USA.
- Senior Editorial Advisor, Lucayos, College of the Bahamas. (Regional Refereed Publication)
- Executive Member, Association for Commonwealth Literatures and Languages Studies (ACLALS)
- Member of CaribLit Collective (Regional Body)

Professor Carolyn Cooper
- Member, Board of Directors, Development Partners and Management International Limited, Kingston.
- Weekly column for the *Sunday Gleaner*

Dr. Norval Edwards
- Review Editor, Northern Caribbean University’s peer-reviewed *Journal, International Review of Humanities*
- Member, Advisory Board, Issues in Critical Investigation, Vanderbilt University, Nashville, Tennessee
Mawuena Logan
– Member, Ghanaian Association in Jamaica, Kingston Jamaica.
– Member, Alliance Francaise de la Jamaique, Kingston, Jamaica.
– Adjudicator, Actor Boy’s Award, Kingston Jamaica

CATEGORIES OF STUDENTS

Undergraduate
Majors 145
First Class Honours 3

Postgraduate
PhD 2
MPhil 6
MA 25
INTRODUCTION

The Department commenced the academic year 2014–2015, on a note of great optimism, as we anticipated continued increase in our enrolment, improved student engagement and renewed collaboration with our International Partners, – Embassies and Agencies. Two new programmes especially heightened our expectations for the academic year:

i) The revised M.A. in Translation (Spanish and French).


Ten (10) students registered for the M.A in Translation (Spanish and French) and eight (8) eager students from across the University registered for the minor in Japanese. The Department considered these numbers to be satisfactory in the inchoate stages of both programmes. Dr. Marie-
Jose Nzengou-Tayo was assigned the challenging task of co-ordinating a group of part-time professional translators to deliver the courses in the M.A., as well as to oversee other administrative aspects of the programme. The Department is heavily indebted to her for her efficient dispensation of this special and challenging responsibility.

**CHALLENGES**

The major challenge encountered by the Department, particularly in Semester I, was the extremely late arrival of lecturers who required Work Permits in order to commence their teaching. This situation affected the teaching of Spanish and Chinese in the main. Two members of the Spanish teaching team arrived at the end of September and October respectively. Faculty in the Section were put under tremendous pressure as they tried to cover the classes of these two members. While the lecturer for Chinese arrived a little earlier in September, the delay in arrival also created significant concern and stress. The Department is appreciative of the efforts of Dr. Nina Bruni, Mrs. Esmeralda Nunes, Mr. Martínez and other persons who assumed additional duties during this time. We are also grateful to the various individuals who willingly accepted part-time employment at short notice, as we tried to ensure that our students received their timetabled instruction.

The Japanese Section faced tremendous pressure resulting from increased registration and limited number of persons to deliver all the components – communicative grammar, conversation and laboratory/listening classes.

The Department commenced operations with renewed focus on three main Strategic Plans/Objectives:

i) Curriculum Review and Strengthening. (Ongoing)

ii) Attracting qualified faculty. (Ongoing)

iii) Income generation. (Ongoing)

In an effort to help faculty achieve (i) a three – day workshop was held in August. A number of presentations were made on relevant topics:

- “The New GPA and Marking System”
Presenter: Mr. Jonathan Archie, Senior Administrative Assistant in Examinations.

- “Managing, Teaching, Research and Personal Life.”
  Presenters: Dr. Michael Bucknor, Senior Lecturer & Head, Department of Literatures in English. Dr. Françoise Cévaer, Lecturer, Department of Modern Languages & Literatures.

- “New Demands for Foreign Language Teachers: Engaging Students’ Hearts and Minds through Task Based Learning.”
  Presenter: Mrs. Aracelis Amedu, Lecturer, Shortwood Teachers’ College.

- “What Foreign Language Teachers Need to Know about Technology?”
  Review of Article from ADFL.
  Presenter: Dr. Nina Bruni, Lecturer, Department of Modern Languages & Literatures

- “Generating/Refining/Rewriting Course Rubrics.”
  Presenter: Dr. Vivette Milson-Whyte, Lecturer and Course Coordinator, Language Linguistics & Philosophy, The UWI.

Several presenters delivered on important issues related to curriculum renewal and methodology.

**Acquisition of New Equipment**

The Department was pleased to acquire, as a result of earnings from teaching Spanish to the Staff of IDB, Lunch Time Classes, Translation Services and Summer School – some well-needed equipment to facilitate teaching outside of the lab as well as in the lab. These were two projectors and a laptop.

**Quality Assurance Review**

In Semester II, the Asian Languages (Japanese and Chinese), were reviewed by the Quality Assurance Review Unit. The Section was commended for the positive response of students, increased numbers
and the efficiency of lecturers. However, reviewers expressed specific concern about the pressure being placed on Japanese Staff to cover hours and numbers in excess of the acceptable standards for Instructors. In Semester II, the Romance Languages, (Spanish and French), were reviewed. (Process to be finalized 2015–2016).

SPECIAL EVENTS AND COLLABORATIONS

Mexican Film Series

The Mexican Embassy screened a number of films in collaboration with the Department. This was well attended by students and other members of The University and the general public. Movies included; La Rosa Blanca, Santa and Doña Barbara and Pedro Páramo.

First Year Orientation

This was held on September 11, 2014. Several Lecturers presented on different topics as part of the process of initiating First Year Students and helping them to understand the culture of the Department, as well as how to be successful University students.

Modern Languages and Literatures Day

The annual Modern Languages and Literatures Day was held on March 12, 2015. More than four hundred (400) students from Secondary and a few Primary schools from across the island attended and participated in a wide range of activities. The Department is consciously using this event as an opportunity to raise awareness among students of the importance of learning a foreign language in the age of increased globalization and border crossings and to increase our numbers in a sustainable manner.

Inter-Campus Theatre Festival

Two faculty members, Mrs Esmeralda Nunes and Mrs. Rona Barnett-Passard chaperoned three (3) French and three (3) Spanish students respectively to the Annual Inter-Campus Theatre Festival. Their trip was
supported by the Vice Chancellor’s Office, the Office of the Principal, Mona Campus, Office of Finance and the Department.

**CAPE Workshop**

The annual CAPE workshop in which students are provided additional assistance with literary texts and critical analyses, as well as other main components of the regional examination was organized by Dr. Lindy Jones and Ms. Sharon Clue. The Department is grateful to members of the Department, who willingly gave of their time to realize this important public service. There were fifty (50) students from different High Schools in attendance.

**Collaboration with the Alliance Française and the Embassy of France in Jamaica**

The Department continued its collaboration with these entities through the Cine Club. The preparations for the Post de’ Assistant for Final year and Second year students; and this year, as part of the of celebration of French Language and Francophone Week, Dr. Nzengou-Tayo presented a Lecture in collaboration with the Alliance Française entitled: “Double Perspective on the American Occupation of 1915: Le choc by Léon Laleau and Le joug by Annie Desroy,” on March 19, 2015.

Unfortunately, the very crucial collaboration involving the position of a Poste d’Attaché Linguistique will be discontinued after this year. The Department expressed sincere gratitude to the Embassy of France and Ms. Gwenaelle Huydts who taught in the position for two years and gave generously of her time and linguistic skills.

**Homenaje a Gabriel García Márque**

In recognition of the first anniversary of the death of this outstanding Columbian author and Nobel Laurette for Literature, the Department, along with the Embassies of Columbia and Mexico celebrated the life, works and words of Gabriel García Márquez, with an audience of approximately one hundred and twenty (120) persons, in the Multifunctional Room. The programme included students of Literature who read from
their “A” Essays and other presentations on Marquez by faculty members. This was a very engaging, well-attended and successful celebration.

**ALARA Conference**

The Department co-hosted the Tenth Biennial International/Interdisciplinary Research Conference of The Afro-Latin/American Research Association (ALARA) Conference on August 5–9, 2015. More than thirty presenters from Universities from Spain, Nigeria, Senegal, the U.S.A. and Latin America participated. The panels were presented at the Courtleigh Hotel and at the Regional Headquarters at The UWI.

**Collaboration with the Embassy of Spain**

The Spanish Embassy has awarded three DELE scholarships and fifteen licences for the AVE Examinations to our students. These are important for giving students additional learning experiences in Spanish. Three students sat the DELE exams and did well.

**Third Year Sensitization**

This was organized by Dr. Lindy Jones and held on February 17, 2015. Several speakers presented on strategic issues that are important to students, who are getting ready to join the world of work.

**Special Columbian Collaboration – Teaching of Spanish as a Foreign Language**

The Department, along with the Government of Columbia and the Jamaican Ministry of Foreign Affairs, conducted the Foreign Languages class for civil servants from June to December 2014.

**Translation Services**

The Department continued to earn a small income from our Translation Services. Our main tasks include translating legal documents, technical documents, birth certificates and University transcripts.
Lunch Time Classes

Spanish and French Beginners’ Classes continue to provide a small, steady income.

PUBLICATIONS

Dr. Nina Bruni

Book:


Translation:


Dr. Marie-José Nzengou-Tayo


- “La plateforme Moodle: un soutien à l’apprentissage du français à UWI, Mona, en Jamaïque. ” *Le français à l’université – bulletin des

Dr. Paulette A. Ramsay

• “Landscape, Place and Belonging in Selected Poems by the Afro-Cuban Writer Jesús Cos Causse.” *PALARA*. Number 18, Fall 2014. 16–32. 2014


**PUBLIC SERVICE**

Dr. Françoise Cévaër


– Member of the jury for the French vocabulary contest for High Schools in Jamaica organized by JAFT on Friday June 29, 2015 in Kingston.

Dr. Marie-Jose Nzengou-Tayo

– Guest Lecturer on Gisèle Pineau’s *Un papillon dans la cité* and Aimé Césaire’s *Une saison au Congo*. CAPE French Literature. Manchester High School. April 22.

– Presenter. CAPE Literature Workshop (French Literature). Department of Modern Languages & Literatures. April11.


– Guest Lecturer on Dany Laferrière’s *Pays sans chapeau*. CAPE French Literature. Ardenne High School. May 01.

Dr. Paulette A. Ramsay

– Member, CAPE Examining Committee.
AWARDS

Dr. Paulette A. Ramsay

- UWI Special Initiatives Grant.
- Emerging Leaders in the Americas Programme (ELAP) Fellowship to University of Western Ontario, Canada.
- Mexican Government Excellence Scholarship Programme for Foreigners to conduct research and deliver lecture on “La identidad racial en la literatura oral de la Costa Chica” at the XV Encuentro de los Pueblos Negros de la Costa Chica de Oaxaca y Guerrero, in Cuajinicuilapa, Oaxaca, Mexico, from 27-29 November 2014.
- French Award: Designated “Chevalier” Knight in the French Order of Merit (“Ordre National du Mérite”).

STAFF /GRADUATE SEMINARS

Staff/Graduate Seminars were again held to encourage graduate students to produce result. Presenters were:

- Dr. Paulette A. Ramsay. “Landscape, Place and Belonging in Selected Poems by the Afro-Cuban Writer, Jesús Cas Causse.” on Thursday, February 26, 2015.

GRADUATE PROGRAMMES

Orientation

Graduate students were given two special orientation sessions to remind them of their obligations and to share research approaches and skills. Students were assigned Supervisors.
Numbers
MA in Translation 10
MPhil 10
PhD 2

AWARDS TO GRADUATE STUDENTS

1. Mr. Devon Yetman was awarded an internship to the Organization of American States, Translation Department from June 4th – August 14, 2015.

2. Mr. Yetman also received an ELAP scholarship to study as an Exchange Graduate Student in the M.A. in Translation at Universite de Montreal.

3. Mr. Aldean Ellis, MPhil student was awarded a DFATD Scholarship to conduct research for one Semester at the University of Western Ontario in Canada.

CLUBS

All clubs met regularly and participated in Club fusion. The Spanish Club won several awards.
The repositioning of the School of Education (SOE) continued in the academic year 2014/2015. Specifically there was an emphasis on curriculum renewal, active pursuit of multi-modal delivery of courses and programmes, efforts to increase research and publications output and measures for the strategic recruitment and deployment of staff to support the development and change defined in the repositioning plan of the School. The M.Phil./Ph.D. programme was expanded by offering courses and supervision via online and various web conferencing modalities. Eight students registered in this programme. Five of these students participated virtually and three face-to-face in the December 2014 seminar presentations.

The SOE Advisory Board that was established had two meetings during the 2014/2015 academic year. The first meeting considered the role the
Board is expected to play and considered the strategic direction of the SOE. The second meeting heard plans for the development of new graduate programmes in the School of Education; highlights on the work of the SOE from the Director’s update; and a presentation on the Proposed Caribbean Center for Leadership and Planning.

TEACHING AND LEARNING

As part of its curriculum renewal efforts, the SOE sought to restructure the current Master’s degree programmes to offer the option of a taught Master’s which does not require a research project. The paper on Restructuring the Taught Masters was approved during the first semester of the 2014/2015 academic year.

The School of Education continued its recruitment of Junior Faculty: appointments were made in the areas of Mathematics, Science and Information Technology. A new Research Assistant was recruited to support the work of academic staff and another was retained to support the work of the income-generating projects and consultancies while providing further support to the Director’s Office. It is expected that these appointments will help to contribute to the improved publications output and the income generated by the SOE. Approval was sought and obtained for a Master of Arts in Higher Educational Management.

Table 1 provides a summary of the number of students who were awarded First Class Honours, Second Class Honours and Pass Degrees for 2014–2015.

Table 1: Bachelor of Education Awards 2014–2015

<table>
<thead>
<tr>
<th>First Class Honours</th>
<th>Second Class Honours</th>
<th>Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper</td>
<td>Lower</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>35</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

Table 2 shows the number of students who completed the requirements in eleven specializations for the award of the Master of Education or Master of Arts degree in 2014–2015.
**Table 2: M.Ed. and M.A. Students Who Completed in 2014–2015**

<table>
<thead>
<tr>
<th>Specialization</th>
<th>No. Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curriculum Development</td>
<td>3</td>
</tr>
<tr>
<td>Educational Administration</td>
<td>39</td>
</tr>
<tr>
<td>Educational Measurement</td>
<td>24</td>
</tr>
<tr>
<td>Educational Psychology</td>
<td>12</td>
</tr>
<tr>
<td>Language Education</td>
<td>6</td>
</tr>
<tr>
<td>Literacy Studies</td>
<td>–</td>
</tr>
<tr>
<td>Mathematics Education</td>
<td>11</td>
</tr>
<tr>
<td>Primary Education</td>
<td>–</td>
</tr>
<tr>
<td>Science Education</td>
<td>9</td>
</tr>
<tr>
<td>Teacher Education and Teacher Development</td>
<td>30</td>
</tr>
<tr>
<td>Technical and Vocational Education and Training (TVET)</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>142</strong></td>
</tr>
</tbody>
</table>

Table 3 provides the following summary information for Parts 1 and 2 of the Master of Arts in Teaching programme:

- Number of students who completed Part 1 in 2014–2015.
- Number of students who completed Part 2 in 2014–2015.
Table 3: Students Who Completed Parts 1 and 2 in 2014–2015

<table>
<thead>
<tr>
<th>Track 1</th>
<th>Part 1</th>
<th>Part 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No. Completed</td>
<td>No. Proceeding to Part 2</td>
</tr>
<tr>
<td>History</td>
<td>3</td>
<td>–</td>
</tr>
<tr>
<td>Modern Foreign Language</td>
<td>2</td>
<td>–</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
<td>–</td>
</tr>
<tr>
<td>Science</td>
<td>7</td>
<td>2</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>English</td>
<td>8</td>
<td>–</td>
</tr>
<tr>
<td>Information Technology</td>
<td>1</td>
<td>–</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>27</strong></td>
<td><strong>5</strong></td>
</tr>
</tbody>
</table>

At the Faculty Awards Ceremony held on November 6, 2014 the Madge Hall Prize was awarded to Khadijah Chin for the most outstanding performance in Level I of the B.Ed. 90 credit programme. The SOE prize for most outstanding academic performance in Level II was awarded to Juliann Richards while the Professor Aubrey Phillips Prize for the most outstanding academic performance in the final year was awarded to Lissan Gordon-Rainford. The Professor John Figueroa prize for the most outstanding academic performance in the Postgraduate Diploma in Education was awarded to Cherise Laing. Three of the School of Education’s PhD graduates received High Commendation – Dr. Sharline Cole, Dr. Clover Jones-McKenzie and Dr. Lilieth Nelson. They were awarded the Dean’s Award for Excellence.

The Graduate Research Seminar and Awards Ceremony were held on Wednesday, June 10, 2015 in the School of Education Lecture Room.
2A. Ms. Tenesha Gordon, Mr. Othneal Wilson, Ms. Davia Johnson and Mrs. Shandelene Binns-Thompson made presentations on their Master’s projects. Dr. Carole Powell made a presentation on her doctoral thesis; Dr. Powell was awarded the first TVET PhD of the Mona SOE in October 2014.

Ms. Velta A. Wilson received The Dr. Monica Brown Award for the best performance in the graduate online programmes and Mrs. Shandelene Binns-Thompson received the School of Education award for excellent academic performance. Ms. Wilson completed the M.Ed. in Teacher Education and Mrs. Binns-Thompson completed the M.Ed. in Mathematics Education. Tenesha Gordon received the Professor Dennis Roy Craig Award for excellent performance in the M.Ed. Language Education programme; Dr. Carole Powell received an award for having obtained the Doctor of Philosophy with High Commendation. Dr. Nadale K. Downer-Riley received the award for Most Outstanding Performance in Part II of the Master of Arts in Teaching Programme.

Three abstracts for PhD graduates and thirty-three for Master’s graduates were published in the souvenir booklet for the Awards Ceremony.

STRENGTHENING NATIONAL ENGAGEMENT AND INTERNATIONAL COLLABORATION

The School of Education and the Jamaican Ministry of Education collaborated in staging the Grade 9 Mathematics Problem-Solving competition which was held on Thursday March 26, 2015. Over 300 students were in attendance. Herbert Morrison Technical High School from St. James won the competition. The focus of the day was on STEM. There were scientific demonstrations for the students and Physics and Chemistry workshops for the teachers.

The School of Education and the Caribbean Institute of Media and Communication (CARIMAC) in collaboration with the Faculty of Social Sciences and the UWI School of Nursing hosted the Mixed Methods International Research Association Regional Conference at the Mona Visitors’ Lodge and Conference Centre from March 12 to 13, 2015. The
theme was Mixed Methods in Multidisciplinary Research. Approximately 120 persons were in attendance. Dr. Loraine Cook chaired the conference planning committee.

The School of Education in partnership with the Ministry of Education, Jamaica; HEART Trust/NTA; University of Technology (UTech), Jamaica; Caribbean Association of National Training Agencies (CANTA); and UNESCO Kingston Cluster Office for the Caribbean staged the Second International Conference on TVET in the Caribbean from May 13 to 15, 2015 at the Hilton Rose Hall Resort & Spa, Montego Bay, Jamaica. The theme of the conference was STEM Education in TVET: Imperative to National and Regional Development. The conference offered an opportunity to bring together multi-level stakeholders from different countries in the region and internationally to address and advance solutions to issues and challenges related to Technical Vocational Education and Training (TVET). It also showcased efforts to integrate science, technology, engineering and mathematics (STEM), while at the same time promoting regional and local policies and strategies for strengthening TVET in member countries of the region. Approximately 300 persons were in attendance. Dr. Disraeli Hutton was Chairman of the Committee.

Dr. Carmen Bovell returned to the SOE for six weeks on a United States Fulbright Specialist grant to assist with the early childhood education programme and more particularly to help with the design of aspects of a new Master of Education programme in Early Childhood Education.

A Memorandum of Cooperation between the Georgia State University and the University of the West Indies/School of Education was formalised.

An agreement among the UWI, Ministry of Education and Teachers’ Colleges of Jamaica (TCJ) was signed in October 2014 to allow for the award of the UWI B.Ed. degree to students who pursued that degree at the Teachers’ Colleges.
PROJECTS AND AWARDS

A team from UWI Mona has advanced to the regional finals of the sixth annual Hult prize in the pursuit of US$1.0 million to improve Early Childhood Development. Two graduate students from the School of Education were on that team: Michelle Humphrey who is a second year Educational Measurement student (her research and professional experience stems from Early Childhood Education) and Olivia Johnson-Wilmot who is a second year Curriculum Development student. The annual Hult Prize Challenge is the world’s largest student competition and start-up platform for social good. Student teams compete for a chance to secure US$1.0 million in start-up funding to launch a sustainable social venture. The Hult Prize, funded by the Hult family, has been named by TIME amongst the top five ideas changing the world.

A number of SOE staff received the Principal’s Research Awards for 2015:

• Dr. Susan Anderson for Best Research Publications in the Book Category for her book: *Climbing Every Mountain: Barriers, Opportunities and Experiences of Jamaican Students with Disabilities in their Pursuit of Personal Excellence.*

• Dr. Deon Edwards-Kerr and Mrs. Joan Spencer-Ernandez for the Research Project with the Greatest Business or Economic Development Impact for the School of Education Centre for the Assessment and Treatment of Exceptionalities (SOECATE).

• Dr. Loraine Cook for the Research Project Attracting the Most Funds for the INSIGHTS Project.

• Professor Stafford Griffith, Director of the School of Education who co-managed the National College of Educational Leadership (NCEL) Project along with persons from five other Departments of the University. Dr. Disraeli Hutton and Dr. Mairette Newman played critical roles in the work leading to that award. This was an inaugural award by the Principal for the Research Project with the Greatest Multidisciplinary/Cross-Faculty Collaboration.
Two staff members published and launched their books: by Dr. Susan Anderson, *Climbing Every Mountain: Barriers, Opportunities and Experiences of Jamaican Students with Disabilities in their Pursuit of Excellence* and Dr. Canute Thompson, *Locating the Epicentre of Effective Educational Leadership in the 21st Century*.

A student in the MA TVET programme, Alia Wedderburn, won the first international award in the “SkillsInAction” competition, fielded by UNESCO-UNEVOC. See the announcement at https://www.youtube.com/watch?v=TiNddH8O5ng. The award was presented at the May 2015 TVET conference by Head of UNESCO-UNEVOC, Professor Shyamal Majumdar, from Bonn, Germany who gave the Keynote address at the conference.

**INCOME GENERATION**

The following two Customized Professional Short Term courses were delivered in the summer of 2015:

- Designing Effective Assessment Instruments
- Designing Monitoring & Evaluation Systems for Projects and Programmes.

Dr. Mairette Newman and Dr. Carol Gentles were members of the UWI School of Education consultancy team for the Guyana Ministry of Education/World Bank Guyana Improving Teacher Education Project (GITEP). The project was for the Development of an Evaluation Instrument to Assess Staff at the Cyril Potter College of Education (CPCE) and University of Guyana’s School of Education and Humanities (Division of Education) and provision of technical assistance to the two-phase evaluation process of these professionals. It spanned the period November 2013 to July 2015. The total value of the consultancy was two hundred and ten thousand seven hundred and seventy United States dollars (US$ 210,770).
PUBLICATIONS UNIT

The Publications Unit produced one *Journal of Education and Development in the Caribbean (JEDIC)* issue on the Literacy Symposium. The Unit also published two *Caribbean Journal on Education (CJE)* issues: one on TVET strategies and one on *Teaching Caribbean Poetry*. The Publications Unit continued to market and sell its publications, notably at the UWI Research Day and at local symposia and conferences.

UPGRADING EFFORTS

Significant efforts have been made to increase the capacity and technological resources and enhance the aesthetics of the SOE. The construction of two classrooms was completed. Smart boards have been acquired for the new classrooms. Phase 2 of the building project programme is 90% complete.

Pictures of Department Heads and Directors are now displayed on all three floors in the School of Education building.

The SOE was used as a pilot for installation of energy saving devices in classrooms and lecture rooms. The UWI Environmental Unit was impressed with the SOE’s maintenance plans. The SOE was selected as one of the departments in which a classroom will be used as a model for expansion at Western Campus. We expect to continue on the energy conservation path.

PAPERS PRESENTED


- **Cook, L.D. & McClowry S.** (2015, June). Teachers’ Report on Student’s Personality Profile: Validity and Reliability of School-Age
Temperament Inventory. Biennial Conference, Transforming Education: New Framework & Alliances. The University of the West Indies, School of Education, Cave Hill Campus, Barbados. pp. 27.


School of Education


**Morris, H.** (2015). Hendricks, L., A. Williams, and C. Lucas “Tell me something I don’t know: Useful facts for Adult and Career Education” 22nd Annual Gulf South Conference. Valdosta State University, USA. March 6, 2015. pp. 15


**Spencer, A.** (2014). Title of presentation: ‘Unveiling shrouded sites: Reconstructing female identity and experience through spaces of
interiority in Jamaica Kincaid’s “At the Bottom of the River”. ‘Islands-in-Between’, University of Costa Rica, Limon Campus, November 2014. pp. 15

- **Stewart, S.** (2015, April). Understanding what is meant by “postcolonial education in Jamaica: The de-construction of the social history of education to its current state. In J. Fournillier (Chair), Conceptualizing justice: The peoples of the Diaspora speak out on inequities in the research of and on their cultures, languages, and heritage. Symposium conducted at the meeting of the American Educational Research Association, Chicago, IL, USA. pp. 22


PUBLICATIONS

Books & Monographs


Chapters in Books


**Book Review**


**Refereed Journal Articles**


• **Spencer, A.** (2013). ‘Unexpected Places’: The role of the private domain in the construction of Caribbean identities and experiences


**Non-Refereed Journal Article**


**Reports**


- Stewart, M., Newman, M. & Gentles, C. (2015). Final Report on Consultancy to develop an evaluation instrument to assess staff at the Cyril Potter College of Education (CPCE) and the University of Guyana School of Education and Humanities (Division of Education) and provide technical assistance to the evaluation process of these professionals. Report to the Guyana Improving Teacher Education Project (GITEP) Office, Ministry of Education, Guyana. pp. 82.
PUBLIC SERVICE

Dr. Sharon Bramwell-Lalor
– Examiner for CXC’s CAPE Biology SBA

Dr. Lorna Down
– Member, Board of National Preservation Foundation
– Member, Education Advisory Committee, Jamaica National Commission for UNESCO
– Member, UNESCO International Network of Teacher Education Institution for Reorienting Teacher Education to address Sustainability

Dr. Carol Hordatt Gentles
– Member, Board of Directors for University Council of Jamaica (UCJ)
– Chair of University Council of Jamaica (UCJ) Accreditation, Curriculum and Development Committee

Professor Stafford Griffith
– Chairman of the Technical Advisory Committee, the Caribbean Examinations Council for various sittings of examinations which include CAPE, CSEC, CCSLC and CPEA.
– Commissioner, Overseas Examinations Commission, Jamaica.
– Chairman, Operations and Development Committee, Overseas Examinations Commission.
– Member, Jamaica Teaching Council Advisory Body.
– Chairman, Programme Development and Quality Assurance Committee, Jamaica Teaching Council Advisory Body.
– Member, Board for Jamaica Tertiary Education Commission.
– Chairman, Standards, Regulations and Institutional Committee, Jamaica Tertiary Education Commission.
– Member, Senior Policy Making Group of the Minister of Education.
– Member, National Council on Education.
Dr. Yewande Lewis-Fokum

– Co-presenter at workshop at Allman Town Primary on language & literacy education, March 2015. This was in association with a new pilot project endorsed by the MOE and spearheaded by UWI staff, Language Project for Primary School Teachers Initiative.

Dr. Dian McCallum

– Conducted session on Doing Document Based Questions at a CAPE History Workshop for students at Campion College, St. Andrew, Jamaica, April 20, 2015.

– Conducted a workshop session on Doing Document Based Questions for Sixth Form Students of CAPE History from St. Hugh’s High School and Kingston College at the St. Hugh’s High School Campus, 5 Leinster Road, Kingston 5, April 13, 2015.

– Made presentation on Approaches to answering questions at the Annual CAPE History Lecture Series put on by the Department of History and Archaeology, University of the West Indies, Mona Campus, April 11, 2015.

– Conducted session on Integrating school based assessment into classroom instruction as part of whole day workshop for teachers of CAPE History, November 22, 2015. (With Dr. Aleric Josephs)

Professor Halden Morris

– Commissioner – Overseas Examinations Commission, Chair, Procurement Committee.

– Committee Member, CARICOM: Regional Qualifications Framework

– Committee Member – Ministry of Education: Jamaica Tertiary Education Commission (JTEC) – National Qualifications Framework

– Committee Member – Ministry of Education: National TVET Policy Development

– Committee Member – Ministry of Education: Renewable Energy

– Committee Member, Ministry of Education: Apprenticeship Working Group
Committee Member for Principal, Ministry of Education: Education and Training Thematic Working Group (TWG)

Committee Member, National Council on Technical, Vocational Education and Training: Accreditation

Chair, Institute of Electrical and Electronics Engineers (IEEE) Professional Activities – (Area 9, Jamaica)

Member, Advisory Committee: Caribbean Knowledge and Learning Network (CKLN)

Member, Board, Vice Chairman – Vocational Training and Development Institute (VTDI)

Member, Management Advisory Committee, Vice Chairman – HEART College of Construction Services

Member, Academic Advisory Committee – Mico University College

Member, Jamaica Bureau of Standards Technical Committees:

Member, Electrical Practices & Products

Chair, Energy Efficiency (Alternative Energy Sub Committee)

Dr. Mairette Newman

Member of the Board of Management, Campion College

Chairperson, National Committee for the Selection of Master Teachers

UWI Representative Caribbean Examinations Council (CXC) National Committee

Ms. Clavia Williams

Workshops presented to the St. Thomas School District (Paul Bogle High, Seaforth High and Robert Lightbourne High School)

Workshop 1: Teaching Persuasive Writing

Workshop 2: Using Assessment and Evaluation to Improve Student Learning
ACADEMIC ACHIEVEMENTS

The Faculty of Law at the Mona Campus welcomed approximately 182 new students to the Bachelor of Laws programme for the 2014/2015 academic year. Of these new students, 26 were hosted at the Western Jamaica Campus and incorporated using multimode instructional methods. Another 11 of these new students were offered the opportunity to study in the accelerated 2 year programme as Direct Entrants.

Degrees were declared for 116 students from the fourth cohort of the Mona Law programme, 11 of whom received First Class Honors. The majority of these graduates progressed to the Norman Manley Law School to continue their studies in an effort to receive the Certificate of Legal Education and be enrolled as Attorney-at-Law.

The Mona Law Institutes Unit was established in the Faculty on January 2, 2015 with Dr Christopher Malcolm as the head of the Unit. The Unit was created to serve as an administrative platform on which technical and research teams would be built in areas such as Human Rights Law and Environmental Law. This Unit is expected to facilitate the expansion of the outreach programme of the Faculty, as well as, positively impact the legal profession through the creation of consultancy groups and administration of projects.
The LLM and MPhil/PhD programmes proposed for delivery at Mona Law were approved effective January 2015. The programmes have been marketed at conferences such as the Jamaican Bar Association Annual Weekend Conference held November 14–16, 2014 at which the Faculty had a booth. The Faculty has also used target marketing, recruitment drives at the Norman Manley Law School and various other mediums to promote the programmes.

The second volume of the Faculty’s annual publication, the MonaLaw Report, was published and distributed as a marketing and reporting tool. The Report showcases the major activities that took place in the Faculty during the 2013/2014 academic year.

On April 24–26, 2015, the Faculty of Law, Mona, hosted its Inaugural Annual Weekend Symposium on Law, Governance and Society at the Hyatt Ziva Rose Hall, Montego Bay. The focus for the conference this year was on “Law and Governance in the 21st Century” and the Keynote Address was delivered by Chief Justice, The Honourable Mrs Zaila McCalla. A wide cross-section of delegates from public and private practice, the judiciary, financial institutions, government ministries, embassies and non-governmental organizations were in attendance. Attendees included the Director of Public Prosecutions of Jamaica, Ms Paula Llewellyn, the Solicitor General, Mrs Nicole Foster-Pusey and the Contractor General, Mr Dirk Harrison. The Symposium also featured regional and international presenters and chairs. The countries represented were the United Kingdom, the United States, The Bahamas, Barbados, the Cayman Islands and Jamaica. Tremendous support was also received from departments within the UWI, in particular the Department of Government. The main sponsor for the Symposium was the National Integrity Action (NIA) with additional sponsorship provided by Kingston Bookshop and Corpus Iuris. A number of Mona Law students, including students from the Western Jamaica Campus, formed part of the team for the Secretariat. Feedback from participants indicated that the event was well administered and featured very distinguished panels whose presentations were enlightening and instructive.

The Faculty hosted the Inaugural Lecture in the Distinguished Lecture
Series, on June 24, 2015, entitled “Company Law and Contractual Freedom”. This Distinguished Lecture was delivered by Professor Eilís Ferran, Chair of the Law Faculty and Pro Vice-Chancellor Designate, Cambridge University.

STAFF ACHIEVEMENTS

Dr. Ramona Biholar, Lecturer in the Faculty of Law, launched her book *Transforming Discriminatory Sex Roles and Gender Stereotyping. The Implementation of Article 5(a) CEDAW for the realization of women’s right to be free from gender-based violence in Jamaica*, on September 25, 2014. Dr Biholar conducted research through the Institute of Gender and Development Studies (IGDS) UWI and did extensive qualitative data collection in Jamaica in producing this book. The book explores the transformation of sex roles and gender stereotyping for the elimination of gender-based violence against women and the realization of women’s rights in Jamaica. Dr. Biholar specialises in Gender and Citizenship, Human Rights Law and European Union Law.

On December 3, 2014, Dr. Shazeeda Ali, Deputy Dean with responsibility for Graduate Studies and External Affairs in the Faculty of Law, launched her book, *Taking the Profit out of Crime: A Proceeds of Crime Act manual*. Dr Ali is a specialist in the area of financial services regulation, financial crime and legal profession ethics.

TEACHING, LEARNING AND STUDENT DEVELOPMENT

The Faculty had two Mooting teams participating in international mooting competitions during 2014/2015. These were the Annual Inter-American Human Rights Moot Court Competition held May 17–22, 2015 in Washington, D.C. and the Price Media Law Moot Court Competition held March 24–27, 2015 by the University of Oxford. The former team comprised of Scott Mullings, Victor Brown and Sean-Christopher Castle and coached by Andre Coore and Gabrielle Elliott-Williams with assistance from Jermaine Case, Stephanie Forte and Andrei Bennett. The Mona Law team received the prize for Best New
Team and Mr. Mullings copped the award for Best English-speaking Oralist for the Victims of Human Rights Abuses.

The team that represented the Faculty at the Price Media Moot Court Competition consisted of Tafina Hines, Jhade Lindsay and Kalisia Miller as advocates and Gabrielle Elliott-Williams as coach. The team qualified for the International Rounds with Ms. Miller being named Best Oralist for the Regional Round held in America. The UWI Mona’s team qualified for the Octo-Finals (top sixteen teams) of the International Rounds for the first time. Ms. Hines and Mr. Lindsay were named 9th and 11th Best Oralists at the International Rounds of the Competition which featured over 100 oralists. The team was assisted in its preparation for the oral rounds by Dr. Ramona Biholar, Litrow Hickson, Rowana-Kay Campbell, Lanasia Nicholas, Andre Coore, Jermaine Case and Stephanie Forte.

It has been noted that the exposure which the students have had through these competitions, to the law, to students and practitioners from various parts of the world and to the rigors of researching, writing and presenting a case, is invaluable.

RESEARCH AND INNOVATIONS

On February 10, 2015, the Faculty hosted a Mona Law Public Lecture and Panel Discussion on the Caribbean Court of Justice (CCJ) and Modern Democratic Constitutional Governance in the Commonwealth Caribbean as a Signature Event in the UWI Research Days programme. The main speaker was Dr Leighton Jackson, Deputy Dean with responsibility for Undergraduate Affairs in the Faculty of Law. The presentation examined the constitutionality of the CCJ as the highest court for Commonwealth Caribbean States. The other members of the panel were: the Honourable Patrick Atkinson, Q.C., Attorney General of Jamaica and the Most Honourable Edward Seaga, Distinguished Fellow of the UWI, Mona.
LECTURERS’ PUBLICATIONS


- Haynes, J., ‘The Treatment of Multinational Enterprise Groups in


- **Haynes, J.**, “European Anti-Trafficking Law and Practice: A Rights-Based Perspective.”, University of Copenhagen Postgraduate Law
Conference: Migration Law Plenary. Copenhagen, Denmark, Faculty of Law, University of Copenhagen (2015).


**NATIONAL ENGAGEMENT AND OUTREACH**


- **Biholar, R.G.**, April 15, 2015, participation in the focus group discussion with gender experts in the academia and civil society organised by the United Nations Special Rapporteur on Violence Against Women, its Causes and Consequences, Office of the UN Resident Coordinator and the Institute for Gender and Development Studies, Mona Unit. This meeting focused on discussing the manifestations of gender based violence in Jamaica and debating strategies for its elimination, and had the purpose to share data for and support the UN Special Rapporteur’s country report on Jamaica.


• **Biholar, R.G.**, November 24–27, 2014, ‘CRC and CEDAW State Reporting in the Caribbean Region’, Presentation at the Ministry of Social Development & Housing, UNICEF and UN WOMEN Workshop on children’s rights and women’s rights for civil servants and civil society representatives, St. George’s, Grenada.


• **Biholar, R.G.**, August–October 2014, Supervising students’ writing and presentation of the legal submission to the Joint Select Committee of the Houses of Parliament for the review of the Sexual Offences Act 2009 [the submission written and presented by the UWI Faculty of Law students has been endorsed by SISTREN Theatre Collective and supported by Friedrich Ebert Stiftung (FES)].
PUBLIC SERVICE

- **Corthésy, N.**, 2015, Judge (Written Memorials and Oral rounds) of The Inaugural Queen Mary University of London Internal Intellectual Property Law Moot 2015.
- **Lewis, C.**, 2014–2015, Director, Community Based Rehabilitation Jamaica Board.

REGIONAL AND INTERNATIONAL COLLABORATION

Public Lectures and other Collaborative Efforts

- The Faculty of Law hosted the first Mona Law Event for the 2014/2015 academic year on Thursday, September 25, 2014. The Public Lecture entitled “Addressing discriminatory gender stereotyping endorsed by the law. The review of the Jamaica Sexual Offences Act 2009” was also used to launch the book entitled *Transforming Discriminatory Sex Roles and Gender Stereotyping: The implementation of Article 5 (a) CEDAW for the realisation of women’s right to be free from gender-based violence in Jamaica* authored by Dr. Ramona Biholar, lecturer in the Faculty of Law. Presentations were also made by Professor Barbara Bailey, Jamaican member of the UN CEDAW Committee, and Ms. Judith Wedderburn Director of the Friedrich Ebert Stiftung (FES) in Jamaica.

- The Faculty of Law, in partnership with the Department of Economics, hosted a joint conference under the theme “Marijuana Legalization and Decriminalization” on October 28, 2014. Dr Mark Gillis, Lecturer in the Faculty of Law served as a panellist alongside Dr. Andre Haughton, Lecturer, Department of Economics; Dr. K’adamawe K’knife, Lecturer, Mona School of Business and Management; Senator the Honorable Mark Golding, Minister of Justice; Ms. Wanda James, Member of the Cannabis Global Initiative, Colorado USA and a representative from the Public Health Department, Jamaica.
Aimed at exploring a dynamic and multidimensional approach to legal advocacy and the practice of law, the Faculty convened a Public Lecture and Panel Discussion on November 21, 2014 entitled, “Law, Media and Social Justice”. The panel explored issues such as whether it is ethical for an attorney to intentionally use the media to further litigation, the legislative process, or social justice movements. They sought to examine specific cases, the social justice movements that often accompany litigation and the use of media tempered by ethical and professional obligations. Ms. Jasmine Rand, founding attorney of Rand Law, L.L.C. in Miami, Florida was the main speaker. The distinguished panel also included Senator Tom Tavares-Finson and Senator Marlene Malahoo Forte. Mrs Laleta Davis-Mattis, Adjunct Lecturer in the Faculty of Law and University Counsel served as moderator for the event.

The Faculty, in collaboration with National Integrity Action (NIA), hosted a two day event on December 3 and 4, 2014. Day One was the launch of the Proceeds of Crime Act Manual, entitled “Taking the Profit out of Crime”, authored by Dr Shazeeda Ali, Deputy Dean with responsibility for Graduate Studies and External Affairs in the Faculty of Law. Day Two followed with a round-table discussion including the author and Mr Ivan Krollick, Foremost British Barrister on Financial Crime, as well as, Mr Kent Pantry, former Director of Public Prosecutions.

The Faculty in collaboration with the Magna Carta 800th Anniversary Committee in the United Kingdom, through Dr. Hamid Ghany, Senior Lecturer in Political Science and Coordinator of the Constitutional Affairs and Parliamentary Studies Unit (CAPSU) in the Faculty of Social Sciences at the St. Augustine Campus, hosted a public lecture by Dr Derrick McKoy, Dean of the Faculty of Law at Mona on February 4, 2015. The lecture entitled “The Influence of the Magna Carta on Human Rights in Jamaica”, formed part of a project aimed at promoting the understanding of the Magna Carta in the Commonwealth Caribbean and in recognition of its 800th Anniversary.
• In collaboration with the Faculty of Law, the Chartered Institute of Arbitrators, Caribbean Branch, hosted its Centenary Conference July 6–10, 2015 in the Faculty. The first two days of the Conference took the form of CIArb Training while the other three days comprised of conference presentations and mock international arbitration.

PAPERS PRESENTED AT MAJOR CONFERENCES


Ffolkes-Goldson, S., Cambridge International Symposium on Economic Crimes from September 1, 2014 to September 7, 2014; presented a paper on September 6, 2014 entitled: “Protecting the Sources of Information”.


- Ffolkes-Goldson, S., Caribbean Corporate Governance Institute’s Corporate Governance Workshop: Board Accountability, Disclosure, Audits, Evaluation in February 2015; presented a paper entitled: “Board Accountability, Legal Redress – Challenges and Opportunities Under Jamaican Law.”.
• Biholar, R.G., ‘Rape, Grievious Sexual Assault & Marital Rape’, Guest Lecture for the Course Criminal Law II, UWI, Faculty of Law, Mona, March 11, 2015.


• Biholar, R.G., ‘Legal Reform in Jamaica’, Guest Lecture for the Institute for Gender and Development Studies (IGDS), the Regional Coordinating Unit, the Graduate Programme, UWI Mona, March 30, 2015.


• Robinson, T., Keynote Address, ‘Eliminating a Culture of Violence against Women’, First International Seminar on the Culture of Violence against Women, organized by the Instituto Vladimir Herzog and Instituto Patricia Galvao, Sao Paulo, Brazil, May 21, 2015.

• Robinson, T., ‘International Human Rights, Treaty Obligations and the Implications for the Trinidad and Tobago Judiciary’, Annual Judges and Masters Continuing Education Seminar, Judicial Education Institute of Trinidad and Tobago, Tobago, May 23, 2015.

HIGHLIGHTS OF WORK IN THE FACULTY

Academic Year 2014/2015 was fruitful despite some challenges. The Faculty of Medical Sciences Teaching and Research Complex (FMS TRC) was formally opened on February 4, 2015 by the Most Honourable Portia Simpson, Prime Minister of Jamaica. The activities were marked by an official ceremony during which the Doctor of Dentistry (DDS) Programme was also officially launched. The FMS TRC houses the administrative sections of the Dean’s Office, including some facilities of the DDS programme, all sections of the Department of Basic Medical Sciences, laboratories utilized by SODECO, a clinical trials centre which was recently outfitted, and the Sports and Physical Therapy Clinics. The Complex also houses CARITOX and CARIGEN laboratories which conduct genetic testing. Additionally, the amendment to the drug law has enabled the UWI/FMS to participate in Cannabis research with international agencies resulting in efforts being made to remodel an area at the Complex to house a ‘Green House’. To this end, the Principal, under whose purview the project falls, held a Press Launch for the Symbolic Planting of Jamaica’s first Legal Cannabis Plant on the grounds of the Complex.

Rotations at the non-University Hospital of the West Indies (UHWI)
clinical sites have expanded during the 2014/2015 academic year and have all been very successful. The most recent site, the St. Ann’s Bay Hospital, which came into service on June 29, 2015, has shown tremendous promise. However, the domestic arrangements for the accommodation of students at all sites were sometimes problematic but were being addressed. Inspite of these challenges the rotations continued to receive accolades from the students who not only expressed their satisfaction with the experience, but have sought to do their internship at these off-sites. The associate lecturers at the peripheral sites have continued to show great enthusiasm for teaching the students and have also been involved in end-of-clerkships examinations, both in their Hospitals and at the UHWI.

There have been challenges due to issues with resources and infrastructural development. One of the main challenges was the lack of adequate video conferencing facilities which impacted negatively on the streaming of lectures/tutorials to the Western Jamaica Campus (WJC). This necessitated the engagement of a company to install new multimedia equipment. The lecture theatres have since been functional and streaming to the WJC has been smooth. More work needs to be done and efforts have also being made to install a camera in Gross Anatomy to facilitate lab demonstrations. In addition there is need for a new microscope for demonstration of slides. These equipment will further enhance the teaching and learning of undergraduate students at the WJC. The long-term plan is to outfit the entire complex with multimedia services. However, the infrastructure projects for the DDS programme remain largely incomplete at the end of the period under review. The delay in completing the first floor of the Dental Polyclinic affected the transition of the second cohort of students into their clinical phase. The first cohort of students’ programme was substantially completed but required a six-month extension which was approved by the UWI without penalty to the students affected.

The inability of the Faculty to attract new members of academic staff for critical areas such as Anatomy and Physiology has resulted in the continued retention of staff on post-retirement contracts. Inspite of this,
the Faculty has been fortunate to benefit from expertise and competence of new staff engaged locally and internationally for other areas. The lack of adequate and professional security personnel in itself has posed challenges for effective security measures at the Complex. Given the size and design of the Complex the installation of security cameras at strategic locations would greatly assist in managing these operations.

The challenges with lack of resources at the UHWI has resulted in reduced services in all disciplines thereby significantly reducing some experiences in the postgraduate programmes. Another area of concern was the diminishing number of patients visiting the UHWI for treatment. There was an average of 20% decline in all areas (except Internal Medicine). The continued decline in the number of Obstetric patients for delivery, compromises both the undergraduate and postgraduate experience in Obstetrics and Gynaecology and the midwifery programmes. Fortunately, this inadequacy has been resolved when students rotate at other Hospitals.

The Laboratory Information System (LIS), which is a patient information management system, went live in February 2015. Three labs in the Department of Pathology – Blood Bank, Haematology and Chemical Pathology – have started to utilize the system. Two other labs, Histology and Cytology, have been working on improving access to the system.

The Faculty continued with a stable intake of approximately 350 students in the MBBS programme with focus on an increase in the number of students accepted to the full-fee paying programme, particularly non-Jamaicans. There was a simultaneous decrease in the quota for the government sponsorship places. Students in the MBBS programme received an offer for financial assistance from two initiatives through the Office of the Principal: (1) the UWI, Mona/Ministry of Education (MOE) Joint Financial Assistance Initiative, particularly for 1st and 2nd year Jamaican students registered in the full-fee paying MBBS programme. The assistance was given on the basis of ‘need’ and included the UWI’s 50% Bursary, the MOE’s Grant of $500,000 and a loan of $650,000 from the Student Loan Bureau (SLB). (2) The Scotia Professional Student Plan is available to all MBBS Students. This is a non-revolving
loan scheme for the total cost of the programme of study with annual drawdowns. Also, the family of the late Danielle Hanson, former student of the MBBS programme, established a Bursary (The Danielle Hanson Memorial Bursary) which would be awarded to two students in the 1st year of the MBBS programme based on outstanding performance in CAPE and verifiable financial need.

TEACHING, LEARNING AND STUDENT DEVELOPMENT

The DDS programme completed the submission to the Caribbean Accreditation Authority for Education in Medicine and Other Health Professions (CAAM-HP) in preparation for the full accreditation site visit scheduled for November 3–6, 2015. The UWI School of Nursing (UWISON) has also begun the process of seeking accreditation of its programmes from the CAAM-HP.

The UWI/FMS signed a contract with the Government of Jamaica (through the Planning Institute of Jamaica and the Ministry of Health) to provide advanced medical and nursing training for the Programme for the Reduction of Maternal and Child Mortality (PROMAC) project. The training and research consultancy of PROMAC was funded by the European Union (EU) to the tune of €1.1M and was scheduled to run for 3.5 years (July 2014–November 2017). Partner agencies included the Planning Institute of Jamaica and the Ministry of Health. The project is overseen by a team in the FMS, led by the Dean. Graduates of the programmes are expected to staff the High Dependency Units (HDUs) which will be established by the Ministry of Health islandwide. These HDUs will provide critical care to mothers and newborn to facilitate the reduction of maternal and neonatal mortality and morbidity. New training programmes developed included Fellowships in Maternal/Fetal Emergency Medicine; Critical Care and Neonatology and a course in Obstetric Ultrasound. Approximately 80 scholarships will be awarded for the new programmes, as well as for training in the DM Anaesthesia & Intensive Care, DM Obstetrics & Gynaecology, DM Paediatrics and MScN in Nursing Education programmes.
Courses/programmes approved and/or introduced in 2014/2015:

Course/Programmes Approved and Introduced

Postgraduate

• Clinical Fellowship in Maternal Fetal and Emergency Obstetrics
• Clinical Fellowship in Critical Care
• MPhil/PhD in Chemical Pathology programme
• Directed Reading in Public Health Course
• Obstetric Ultrasound Course

Course/Programmes Introduced

Undergraduate

• New four year BScN curriculum which was approved by the Nursing Council of Jamaica was fully implemented, resulting in the School having four year groups of students for the first time.

Postgraduate

• Online Course in Research Skills for DM Residents
• Fellowship in Neonatology
• MPH Gerontology
• Postgraduate Diploma in Gerontology
• MBA-MPH in Health Management
• The Master of Public Health programme was changed from a day programme to an evening programme, in order to address the changing needs of the target groups.

Courses/Programmes Approved

Undergraduate

• Undergraduate Doctor of Pharmacy (Pharm-D) programme
• Anti-Doping in Sports Course
Postgraduate

- Postgraduate Diploma in Forensic Sciences
- Postgraduate Diploma in Loss, Grief and Trauma Management
- MSc in Biomedical Research
- PhD in Basic Medical Sciences (Anatomy, Biochemistry, Applied Microbiology, Pharmacology, Pharmacy, Physiology and Toxicology)
- Specialty Topics in Public Health Course

Amendment to existing programmes

- The MSc Forensic Sciences programme was amended to allow for transition from the Diploma programme.
- Several courses in the BSc Diagnostic Imaging programme were approved for change from either year-long courses to semester courses and *vice versa*. This completes the final transition of the programme from a hospital-based tertiary programme at the UHWI to a Baccalaureate programme at the UWI.
- The Medical Microbiology programme offered in the Department of Basic Medical Sciences was amended to eliminate overlap and provide students (particularly in the final year [level 3] courses) with a greater appreciation of the reach of Microbiology in critical areas of Research (high-throughput sequencing), Health-care (tracking pathogens), and Industry (food and drug development). Pre-recorded guest lectures by experts in Microbiology (courtesy of the American Society for Microbiology) have been included in the laboratories and have served to buttress the theoretical and practical experiences of the students.

The Jamaica Nurses Group in New York gave two scholarships of US$1000.00 each to two third year students at the UWI School of Nursing, with GPAs of ≥3.5. The group also gave a stethoscope to a third student and donated a barrel of books to the School. Also, Ms. April Tulloch, a student, received a scholarship of US$1,000.00 from the UHWI Batch – 61 Memorial Scholarship. The Faculty supported
over 600 students by way of bursaries, grants and scholarships amounting to over Ja$500m. Also, collaboration with the Centre for Forensic Science and Medicine at the University of Toronto resulted in residents in the DM Pathology Programme with special interest in Forensic Pathology participating in observerships at the Office of the Chief Coroner and Ontario Forensic Pathology Services.

RESEARCH AND INNOVATION

The Faculty continued to be actively engaged in research activities across the disciplines and with local and international collaborators. Some 15 members of staff received research grants from external sources totalling J$371,129,719.

A DM Ophthalmology student, Dr. Tecah Mae Foster, embarked on her first research project which focused on understanding the knowledge, beliefs and practices of diabetic patients attending the retina clinic of the UHWI. While her 2014 study provided evidence of adequate knowledge of the disease, it also showed that this knowledge did not translate into healthy practices. She has presented her study at a conference and completed her first manuscript. Dr. Foster had commenced work on her second paper on quality of life issues and she planned to conduct further studies on the impact of visual impairment on the quality of life of patients with diabetic retinopathy.

The PROMAC study component titled “Incidence, Risk Factors and Outcome of Prematurity in the Jamaican Population”, designed to track a cohort of approximately 3000 pregnant women to identify the rate of prematurity and associated risk factors.

The Faculty had also implemented measures geared at increasing its research output, these included:

- The development of a ‘toolkit’ by the UWI Ethics Committee, Mona, which was launched in March 2015. The toolkit covered essential information on the content of proposal as well as the principles of research ethics and would support the preparation of research proposals by faculty and students.
• The design a web portal to facilitate online submission of research proposals to the UWI Mona Ethics Committee. This would result in cost-saving and improved tracking of proposals.

• The establishment of a “FMS Publishers Club” aimed at providing paired mentorship for academic development through increased publications, with specific focus on junior staff.

• A new requirement for presenters to submit abstracts and full papers for the FMS Annual Research Conference for 2015. The aim was to facilitate the conversion of abstracts to manuscripts.

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<th>Table 1: Publications per Department</th>
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<td><strong>Department</strong></td>
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<td>UWI School of Nursing</td>
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<td>TMRU/Sickle Cell Unit</td>
</tr>
<tr>
<td>Units/Sections under the Dean’s Office</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>
Research Awards

Several members of staff in the Faculty were awarded for their outstanding research work in the previous academic year at the Principal’s Annual Research Awards Ceremony held in February 2015, as follows:

The Best Research Publications


The Most Outstanding Researcher or Research Activity

- Professor Marvin Reid for producing nine articles during the period:
  

- **Dr. Eric Williams and Dr. Jean Williams-Johnson**, Department of Surgery, Radiology, Anaesthesia and Intensive Care  
  *Activity:* For the work published in a Special Issue entitled “Emergency Medicine”. *West Indian Med J* 2014; 63(3). A compendium of research articles and other submissions under the theme “Emergency Medicine in the Region-Merging with other specialties”.

- **Professor Frederick Hickling and Dr. Geoffrey Walcott**, Department of Community Health and Psychiatry  
  *Activity:* Research project “Countering Youths and Urban Violence with a Community Engagement Cultural Therapy Program in Kingston Jamaica”.

**The Research Project Attracting the Most Research Funds**

- **Professor Susan Walker, Dr. Christine Powell, Dr. Susan Chang-Lopez, and Dr. Helen Henningham**, Tropical Medicine Research Institute.
Project: “Expanding access to a proven early stimulation program through a web-based package and technical support.”

The Research Project with the Greatest Business/Economic/Development Impact

- Professor John Lindo and Dr. Sandra Jackson, Department of Microbiology
  
  Project: “Establishing a Biosafety Level 3 Laboratory and Strengthening Viral Diagnosis for Jamaica.”

Award of Prizes from the FMS Annual Research Conference

Several prizes were awarded to both staff and students at the Faculty of Medical Sciences’ Annual Research Conference for Academic year 2014/15. These prizes include: The Dean’s Prizes (Best Oral Presentation; Best Poster Presentation; Best Synopsis); UWI Alumni Prize to Medical Students; Basic Medical Sciences, FMS Prize; American Society for Microbiology prize; The Association for Consultant Physicians of Jamaica Prize; Jamaica Anesthetists Association Prize; Nursing prize and the pharmacology prize.

- Dean’s Prize for best overall presentation: Mr. Kristopher Knight. Includes a fully paid trip to present the research at the CARPHA.
- Best Oral Presentation: G Barrow, N Palmer-Mitchell, EN Barton, MG Lee
- Best Poster Presentation: K Knight, P Thomas, M McKoy
- Best Synopsis (Oral Presentation): P. Brown, K James, A. McCaw-Binns, A. Standard-Goldson
NATIONAL ENGAGEMENT AND OUTREACH

The Caribbean Institute of Mental Health and Substance Abuse (CARIMENSA) continued to contribute to local, regional and international development through the “Dream-A-World Cultural Resilience Programme”, in collaboration with the Ministry of Health. CARIMENSA has trained 41 teachers and 23 guidance counsellors in Cultural Therapy, and has partnered with the McGill University Advanced Institute in Social and Cultural Psychiatry in facilitating a Dream-A-World Cultural Therapy Workshop at the McGill University in Montreal.

The Division of Sports Medicine continued to provide medical support to National teams through pre-participation evaluations and injury management at international events, as follows:

- Medical coverage of Test Matches against England in Antigua – Dr. Mansingh
- Medical coverage of Test Matches against Australia in Dominica and Jamaica – Dr. A. Mansingh
- Medical coverage at CAC games in Mexico – Drs. A. Mansingh and Singh
- Medical coverage at Pan Am games – Dr. P. Singh
- Team Doctor for Jamaica at World Netball Championships – Dr. P. Singh
- Team Physiotherapist at World Athletics Championships – Mr. M. Parchment

The Faculty has produced a semi-annual newsletter dedicated to showcasing the health research contributions of the UWI through the FMS. The FMS Research Page has been disseminated to UWI campuses as well as partner agencies, including the Ministry of Health and the Pan American Health Organization.

Dr. Jasneth Mullings, Epidemiologist/Biostatisticians in the Office of the Dean, is engaged in a research-driven intervention project “Child Development Agency Child Health and Wellness Study in Residential
Child Care Facilities, Jamaica”. Commissioned by partners – the Child Development Agency, UNICEF and the National Family Planning Board. The project seeks to identify and describe the vulnerabilities of adolescents in state care through the thematic areas: self and interpersonal relationships, sexual and reproductive health, economic empowerment. The findings will inform the development of a life-skills based adolescent intervention programme for vulnerable youth in places of safety. The findings are also expected to target wider policy and programming for adolescent health. Dr. Mullings also sits on the Advisory Committee for the project.

REGIONAL AND INTERNATIONAL COLLABORATION

The Jamaica Medical Students Association (JAMSA) continued its partnership with the International Federation of Medical Students’ Association (IFMSA) and has made representation at its annual meeting. The theme for the event was “Youth Empowerment for a Healthy Future Approached Through Education, Sciences and Global Health”. The team from JAMSA had the opportunity of contributing to discussions/decisions on how countries in Pan-American Students’ Association region would operate under the International Federation of Medical Students’ Association.

Dr. Paula Dawson continues with the Spasticity Treatment Workshop is held tri-quarterly annually. This is a collaboration between the Division of Physical Medicine and Rehabilitation, Dean’s Office; the Department of Surgery, Radiology, Anaesthesia and Intensive Care; the Bustamante Hospital for Children; and the Gillette Children’s Specialty Healthcare in Minnesota, USA. This initiative involves the treatment of patients diagnosed with cerebral palsy with spasticity. A total of approximately 250 procedures were conducted, inclusive of six neurosurgeries, six orthopedic surgeries and administration of Intramuscular Phenol Injections. The team also conducts fittings and customization of orthotics and durable medical devices.

Through Dr. Paul Brown, Department of Basic Medical Sciences, in his
capacity as Country Ambassador to Jamaica for the American Society for Microbiology and Chair of the Ambassador Leadership Circle two PhD students have benefited from partnerships with the University of Richmond, Virginia, USA and the University of Waterloo, Canada. Also, In April 2015, a team of five persons, including Professors Horace Fletcher, Rainford Wilks and Rosemarie Wright-Pascoe, as well as Drs. Steve Weaver and Paul Brown (liaison point person) visited the University of Minnesota, USA and held discussions with faculty and senior administrative staff in relation to the development of an agreement between the two institutions. This agreement, which was signed in August 2015 by the Principal on behalf of UWI, would allow for (at the minimum) the following areas of cooperation and exchange: exchange of faculty members; exchange of students; joint research activities; exchange of research results, academic publications and other academic information; and organization of joint conferences or symposia.

With the agreement signed between the UWI and University of Minnesota, it is hoped that several students and staff would be able to participate in joint research projects and other initiatives. Two activities have since been initiated. (1) The Sir Kenneth Standard Distinguished Lecturer for the upcoming Faculty of Medical Sciences Annual Research Conference would be Professor Badrinath Konety, Professor and Chair of the Department of Urology at the University of Minnesota. (2) A joint 3-credit course in Global Health, Globalization and Leadership was being developed between the UWI FMS (Community Health and Psychiatry) and the Center for Global Health and Social Responsibility, University of Minnesota for delivery in December 2016. This course will attract regional and international students including from the USA.

The UWISON has been engaged in external collaboration which saw all parties hosting both staff and students for educational and developmental activities, and has signed a MOU with the Clarence Fitzroy Bryant College for franchising of the BScN programme. The School has partnered with the Registered Nurses’ Association of Ontario (RNAO) and the University Hospital of the West Indies (UHWI) for the implementation of best practice guidelines to facilitate evidence based
nursing care. To this end, the School was preparing to submit an application to be designated as an academic Best Practice Organisation (BPSO).

DISTINGUISHED VISITORS

Dean’s Office

– Ambassador Charles Ntwaagae, Ambassador for the Republic of Botswana – February 2015
– Dr. Henley Morgan, Honourary Consul General to Jamaica, Republic of Botswana – February 2015
– Ms. Yanike Gonzales, Centro de Isotopes (Center for Isotopes) in Havanna Cuba – January 2015

Department of Obstetrics and Gynaecology

– Dr. Karolyn Echols, Associate Professor of Obstetrics and Gynecology and Program Director, Female Pelvic Medicine and Reconstructive Medicine, Temple University, Philadelphia, USA.

Department of Medicine

– Professor Harrison Farber, Professor of Medicine, Boston University – September 2014
– Dr Sharon Weissman, Programme Director Infectious Disease, University of South Carolina and Professor Helmut Albrecht, Head Infectious Disease, University of South Carolina – December 2014
– Professor Alan Barolet, International Programme Director Cardiology, Director Post-Graduate Education in Cardiology, University of Toronto, Canada – February 2015
– Professor Anthony Kalloo, Professor of Medicine, Director of Gastroenterology and Hepatology, Johns Hopkins University – June 18, 2015.
STUDENT ACHIEVEMENT

Dr. Tariq Parker, MBBS Class of 2014, received the 2015 Rhodes Scholar Award and was expected to study Neurosurgery at the University of Oxford in England. Dr. Parker graduated from the UWI Mona Campus in 2014 with an MB BS Honours degree with Distinction. He received Honours in Obstetrics and Gynaecology, Medicine and Surgery examinations as well as the subject prizes in Internal Medicine and Surgery for best academic performance across the Campuses.

Dr. Kizanne James, student in the MBBS Class of 2016 at the UWI Mona Campus was selected for the Global Youth Leadership programme. As part of the three year fellowship programme she will be given the opportunity to be part of the Latin America and Caribbean group that will focus on HIV/AIDS.

Undergraduate Student Awards – 2014/2015

BBMedSci
• Dean’s List: 3 students
• Honour Society: 2 students
• Outstanding Graduands: 2 students

BSc Diagnostic Imaging (Radiography)
• Dean’s List: 10 students
• Honour Society: 4 students
• Outstanding Graduands: 2 students

MBBS
• Dean’s List: 49 students
• Honour Society: 7 students
• Outstanding Graduands: 2 students

DDS
• Dean’s List: 7 students
• Honour Society: 4 students
• Outstanding Graduands: 2 students
Nursing
• Outstanding Graduands: 2 students

Physical Therapy
• Outstanding Graduands: 2 students

The MBBS Examination Results – Academic Year 2014/2015

<table>
<thead>
<tr>
<th>Subject</th>
<th>Pass</th>
<th>Honours</th>
<th>Distinction</th>
<th>Fail/FA</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine (MDSC553)</td>
<td>253</td>
<td>9</td>
<td>–</td>
<td>17</td>
<td>279</td>
</tr>
<tr>
<td>Obstetrics &amp; Gynaecology (MDSC5554)</td>
<td>260</td>
<td>1</td>
<td>–</td>
<td>15</td>
<td>276</td>
</tr>
<tr>
<td>Surgery (MDSC555)</td>
<td>170</td>
<td>9</td>
<td>1</td>
<td>8</td>
<td>272</td>
</tr>
</tbody>
</table>

Total no. of students who sat the exam | 296 |

Prizes/Medals

The following students were awarded prizes in the final MBBS examinations held in May/June 2015:

Subject Medals (All Campuses)

Pathology/Microbiology – Janelle-Cheri Millen
Obstetrics and Gynaecology – Abigail Morris
Medicine – Abigail Morris
Surgery – Matthew-Anthony Lyew
Overall Clinical Medal – Abigail Morris
Prizes/Bursaries

Professor Owen Morgan Prize in Medicine and Therapeutics – Abigail Morrison

Allenbury Prize in Medicine – Oraine Howell
Kadeem Knight
Larnelle Simms

General Surgery Prize – Matthew-Anthony Lyew
Lori-Ann Vaz
Ann-Belle Robertson
Wayne Robinson

Dr. The Hon. John Hall Book Prize – Shari Brooks
Kristen Facey
Oraine Howell
Kadeem Knight
Jonathan Moriarty
Abigail Morris
Larnelle Simms
Romario Thoma
Loriann Vaz

Astley Karl Bambury Prize in Medicine – Matthew-Anthony Lyew

Professor Louis Grant Book Prize – Jenelle-Cheri Millen

Professor S.E.H. Brooks Memorial Prize – Jenelle-Cheri Millen

Sir Harry Annamunthodo Prize – Matthew-Anthony Lyew

Dr. Aubrey McFarlane Bursary – Matthew-Anthony Lyew
Paediatric Prize in Medicine & Therapeutics – Yannick-George Johnson

Medical Council of Jamaica Prize – Abigail Morris

Medical Association of Jamaica Insurance Fund Prize in Obstetrics and Gynaecology – Abigail Morris

**BSc Physical Therapy Students, 2014/15**

Best Performance in Anatomy – Anthony Miller

Best Performance in Physiology – Ottavia Reeves

Best Performance in Rehabilitation 1 – Axelle Prescott

Best Performance in Rehabilitation 2 – Anthony Miller

Best Performance in Rehabilitation 3 – Sashois Staple

Outstanding Performance in Clinical Placement – Jeanel Anderson

Best Performance in Medical Science 1 – Daniel Douglas

– Shayna-Anique Blair

– Shannon John

Best Performance in Medical Science 2 – Anthony Miller

Best Performance in Medical Science 3 – Anthony Miller
## Undergraduate Enrollment for the Academic Year 2014/2015

<table>
<thead>
<tr>
<th>Programme</th>
<th>Majors and Minors</th>
<th>No. of Students 2013/2014</th>
<th>No. of Students 2014/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>BBMedSci</td>
<td>Anatomy</td>
<td>23</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>Biochemistry</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Pharmacology</td>
<td>145</td>
<td>149</td>
</tr>
<tr>
<td></td>
<td>Physiology</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>Subtotal</strong></td>
<td><strong>122</strong></td>
<td><strong>189</strong></td>
</tr>
<tr>
<td>BSc</td>
<td>Nursing (Post RN) Online Delivery</td>
<td>166</td>
<td>209</td>
</tr>
<tr>
<td></td>
<td>Nursing (Generic)</td>
<td>892</td>
<td>1,147</td>
</tr>
<tr>
<td></td>
<td>Physical Therapy</td>
<td>193</td>
<td>211</td>
</tr>
<tr>
<td></td>
<td>Diagnostic Imaging</td>
<td>87</td>
<td>88</td>
</tr>
<tr>
<td></td>
<td><strong>Subtotal</strong></td>
<td><strong>1,338</strong></td>
<td><strong>1,655</strong></td>
</tr>
<tr>
<td>DDS</td>
<td>Doctor of Dental Surgeon</td>
<td>64</td>
<td>85</td>
</tr>
<tr>
<td>MBBS</td>
<td>Bachelor of Medicine &amp; Surgery</td>
<td>1,629</td>
<td>1,656</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>3,031</strong></td>
<td><strong>3,585</strong></td>
</tr>
</tbody>
</table>

## Graduated – Undergraduate Students – Academic Year 2014/2015

<table>
<thead>
<tr>
<th>Programmes</th>
<th>No. of Students 2013/2014</th>
<th>No. of Students 2014/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBBS</td>
<td>213</td>
<td>395</td>
</tr>
<tr>
<td>BSc Nursing (Generic)</td>
<td>223</td>
<td>16</td>
</tr>
<tr>
<td>BSc Nursing (Post RN)</td>
<td>61</td>
<td>47</td>
</tr>
<tr>
<td>BSc Physical Therapy</td>
<td>42</td>
<td>45</td>
</tr>
<tr>
<td>BBMedSci</td>
<td>44</td>
<td>33</td>
</tr>
<tr>
<td>BSc Diagnostic Imaging (Radiography)</td>
<td>14</td>
<td>19</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>597</strong></td>
<td><strong>555</strong></td>
</tr>
</tbody>
</table>
## Registered Graduate Students (2014–2015)

<table>
<thead>
<tr>
<th>Programmes</th>
<th>No. of Students 2013/2014</th>
<th>No. of Students 2014/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specially Admitted</td>
<td>5</td>
<td>–</td>
</tr>
<tr>
<td>Dip Family Medicine</td>
<td>10</td>
<td>13</td>
</tr>
<tr>
<td>DM</td>
<td>403</td>
<td>412</td>
</tr>
<tr>
<td>MD</td>
<td>–</td>
<td>1</td>
</tr>
<tr>
<td>DrPH</td>
<td>27</td>
<td>34</td>
</tr>
<tr>
<td>MPH</td>
<td>35</td>
<td>44</td>
</tr>
<tr>
<td>Taught Masters</td>
<td>205</td>
<td>174</td>
</tr>
<tr>
<td>MPhil</td>
<td>56</td>
<td>55</td>
</tr>
<tr>
<td>PhD</td>
<td>30</td>
<td>28</td>
</tr>
<tr>
<td>Clinical Fellowship</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>772</strong></td>
<td><strong>560</strong></td>
</tr>
</tbody>
</table>

## Completed Graduate Students (2014–2015)

<table>
<thead>
<tr>
<th>Programmes</th>
<th>No. of Students 2013/2014</th>
<th>No. of Students 2014/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dip Family Medicine</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>DM</td>
<td>75</td>
<td>69</td>
</tr>
<tr>
<td>DrPH</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>MPH</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Taught Masters</td>
<td>77</td>
<td>59</td>
</tr>
<tr>
<td>MPhil</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>PhD</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td>Clinical Fellowship</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>181</strong></td>
<td><strong>158</strong></td>
</tr>
</tbody>
</table>
STAFF PROMOTIONS

Professors

Dr. Maria Jackson (Professor of Nutritional Epidemiology), Department of Community Health and Psychiatry; Dr. Michael Boyne (Professor of Endocrinology and Metabolism) and Dr. Colin McKenzie (Professor of Human Genetics), Tropical Medicine Research Institute.

Senior Lecturers

The following members of staff were promoted to the level of senior lecturer: Drs. Trevor Ferguson, Monika Asnani, and Novie Younger-Coleman, Tropical Medicine Research Institute.

Honorary Professorship

Dr. Trevor McCartney, appointed Honorary Professor for three years July 1, 2014 to June 30, 2017 on attachment to the Department of Surgery, Radiology, Anaesthesia and Intensive Care.

RESIGNATION

Dr. Cheryl Bennett resigned from her position as Senior Lecturer in the Department of Basic Medical Sciences at the WJC, with effective from December 20, 2014.

OBITUARIES

The Faculty mourned the passing of the following:

• The late Dr Owen Desmond Oliver Minott, CD, member of the 1st graduating MBBS Class of 1954) and retired Lecturer in the Department of Community Health and Psychiatry – September 2014.

• The late Dr Donald Christian, member of the 1st graduating MBBS Class of 1954 and retired Senior Lecturer in the Department of Medicine.
• The late Mrs. Syringa Marshall-Burnett, CD, retired Senior Lecturer and former Head of the Department of Advanced Nursing Education (now UWI School of Nursing) – October 10, 2014.

• The late Danielle Hanson and Mikhail Campbell former first year medical students in the Faculty of Medical Sciences – November 29, 2014.

• The late Mr. George Cowie, Chief Laboratory Attendant in the Department of Microbiology – November 2014.

• The late Dr. Charles John Henry Thesiger, retired Senior Lecturer and Head of the Department of Psychiatry (now Department of Community Health and Psychiatry) – January 2015.

• The late Dr. Hugh McLean, former Senior Lecturer in the Department of Basic Medical Sciences (Pharmacology) – July 18, 2015.

**CONCLUSION**

Despite the challenges faced, the Faculty, working closely with the UWI administration, found strategic ways to overcome some of the issues. The IT infrastructure is a case in point as we move forward into the technological era. Measures continue to be implemented to ensure that the Faculty is positioned to provide first world experience for both staff and students through exposure to modern technology and infrastructure. Additionally, the Faculty is committed to facilitating an environment for collaboration with a view to enhancing the reputation of the UWI.
WORK OF THE DEPARTMENT

The Department of Basic Medical Sciences hosted UWI’s first Biomolecular Sciences Conference on Friday, January 16, 2015 at the Faculty of Medical Sciences Teaching and Research Complex. Presenters hailed from the USA and the Caribbean. The guest speaker, Professor William Cole of Cardiovascular Research, Physiology & Pharmacology, University of Calgary, Canada delivered the plenary lecture on “Keeping your head under pressure: mechanisms of cerebral blood flow auto-regulation and dysfunction in disease”.

The Department of Basic Medical Sciences Quality Assurance Review will be held in Semester 1, Academic Year 2015–2016. The period set for the review is November 2–6, 2015.

A new course, BIOC1016 – Anti-doping in Sports, was mounted in the Department in collaboration with the World Anti-doping Agency.
(WADA) with an initial registration was of 41 undergraduate and 10 postgraduate students. Students were from the Faculties of Medical Sciences, Science & Technology, Law and Education & Humanities.

The Faculty of Science and Technology Microbiology major programme, which is offered by the Department of Basic Medical Sciences, was reviewed to eliminate overlap and provide students with a greater appreciation of the reach of microbiology in critical areas of Research (high-throughput sequencing), Health-care (tracking pathogens), and Industry (food and drug development). Pre-recorded guest lectures by experts in microbiology (courtesy of the American Society for Microbiology) have been included in the laboratories and have served to buttress the theoretical and practical experiences of the students.

Through Dr. Paul Brown’s efforts as Country Ambassador to Jamaica for the American Society for Microbiology (which has close to 50% of members in over 100 countries outside of the USA) and Chair of the Ambassador Leadership Circle (includes nine Ambassadors), the institution’s name is known worldwide and is associated with leadership in Microbiology and facilitating increased networking opportunities among scientists in many under-served populations. Through this network, two PhD students have benefited from partnerships with the University of Richmond, Virginia, USA and the University of Waterloo, Canada. With the agreement signed between the UWI and University of Minnesota, it is hoped that several students and staff will be able to participate in joint research projects and other initiatives.

The Department’s operations at the WJC site continued with streaming of lectures, tutorials and some practical exercises between Mona and WJC, though some technical challenges to the quality and flow of information continued to impede the processes.

**STAFF AWARDS AND PROMOTIONS**

Dr. Paul Brown was appointed Chair of the Inaugural Ambassador Leadership Circle, American Society for Microbiology. He also received a certificate for Excellence in Reviewing (2014) from the *Journal of Infection and Public Health* (Elsevier).
Dr. Marshalyn McKoy received training in Technology Transfer at National Institutes of Health, USA (May–June, 2015).

Dr. Jacqueline Campbell received Clinical Trials Training conducted by Atlanta Premier Site Management Organization held February 12–13, 2015 at Caribbean School of Medical Sciences, 8 Waterloo Road, Kingston 10, Jamaica.

Dr. Mohammad Kutub Ali received training on Zebrafish Genetic Screening and mutant Selection, Generation of Transgenic Zebrafish through Microinjection of viral gene construct at the single cell stage of fertilized egg and screening of zebrafish water-borne diseases from Indian Institute of Science Education and Research (ISER), Pune, India on 20th June to 14th August, 2015.

Miss Paula McCarthy, Miss Shakika Nugent, Miss Donna Reddie, Miss Mileesa Stewart, Miss Audrey Brown, Mr. Colin Green received training in the Computer Literacy 101 workshop held in April 2015, organized by the Human Resource Division.

Miss Paula McCarthy received training in the Sanitation Practices Workshop on Tuesday, March 10, 2015, which was organized by the Human Resource Division, UWI, Mona.

Mr. Richard Smith and Mr. Jevan Howden audited the Chemical Analysis course provided by the Department of Chemistry summer school programme, June 1 to July 31, 2015.

Ms. Garsha McCalla visited Prof. William Cole’s Lab at the University of Calgary, June–August, 2015 to do training in the Western Blotting Technique.

Dr. Sharmella Roopchand-Martin received a scholarship for pursuing a certificate in Biomedical Research Ethics through the Caribbean Research Ethics Education Initiative which is funded by a NIH-Fogarthy grant. The programme began April 2015.

Dr. Natala Burnett attended a plant tissue culture training course SAGARPA/ IICA, Mexico – Caribbean Training Programme: In vitro Clonal Propagation of Tropical Plants. June, 2015 at The University of
the West Indies, St. Augustine Campus.

Dr. Jean-Pierre Louboutin has been doing collaborative work with Gene Therapy Program, University of Pennsylvania, Philadelphia, USA – Mid December 2014-Mid January 2015 and Mid July-Mid August 2015. Weekly Lab Meetings by teleconference as well as the Department of Pharmacology, College of Medicine, Drexel University, Philadelphia, USA – Mid December 2014-Mid January 2015 and Mid July-Mid August 2015.

Ms. Sonja Williams obtained a Doctor of Physical Therapy degree (DPT) from Nova Southeastern University in May 2015.

PAPERS/POSTERS PRESENTED AT SCIENTIFIC MEETINGS


• Davis, R and Brown, P D (2014). Fitness cost and virulence potential of Pseudomonas aeruginosa from respiratory origin. UWI Faculty of Medical Sciences 23rd Annual Research Conference, Kingston, Jamaica, November 5–7, 2014.


• Procope, A, Campbell, J, Gossell-Williams, M, Elliott, V. (2014). An investigation into the association of age, gender, ethnicity, body mass index and concomitant medication on international normalized ratio levels in person on warfarin therapy. West Indian Medical Journal 2014; 63 (Suppl 4), 42, Abstract P-15


• Reboe M, Levy A, Rathinavelu A, Sivanesan D. Y15 Enhances the Cytotoxic Profile of Cisplatin, Paclitaxel and Vitamin E in Platinum Resistant Ovarian Cancer Cells. The FASEB Journal 2015; vol. 29 no. 1 Supplement 785.1


• Young, L., Smith, B, and Webber-Waugh, A (2014). Supplementation with virgin coconut oil improves cognition in ageing female rats. Poster (P-6) presented at the 23rd Annual Research Conference and Workshop on Evidence-Based Practice – Bridging the Gap Between the Bench, Bed and Beyond, November 2–7, 2014.

• Knight, K, Thomas, P, McKoy, M. Moringa oleifera seeds increase serum cholesterol concentration in rats. Presented at 60th Annual CARPHA Health Research Conference held June 25–27, 2015 at St. George’s University, Grenada.


• Bowers, A, Duncan, W, Pepple, D, Knight-Madden, J (2014). Red
blood cell deformability is reduced in homozygous sickle cell disease patients with chronic leg ulcers. *West Indian Medical Journal* 63 (Suppl 4): 36.


**CONFERENCES ATTENDED**

- Dr. Paul Brown attended the 23rd annual FMS Research Conference and Workshop on Evidence-based practice – Bridging the Gap between the Bench, Bed and Beyond held November 2–7, 2014 (Acted as Chair for the Conference).

- Dr. Paul Brown attended the American Society for Microbiology General Meeting in New Orleans, Louisiana, USA, held May 30–June 2, 2015
• Dr. Lauriann Young-Martin attended the Research Methods Workshop for Academics covering New Methods of Analysis and Converting Research to Publications, held on July 14, 2014 and organized by the School of Graduate Studies & Research, UWI, Mona.

• Dr. Lauriann Young-Martin attended the 23rd annual FMS Research Conference and Workshop on Evidence-based practice – Bridging the Gap between the Bench, Bed and Beyond held November 2–7, 2014.

• Dr. Lauriann Young-Martin attended the Research Methods Workshop for Academics covering New Methods of Analysis and Converting Research to Publications, held on July 14, 2015 and organized by the Mona School of Graduate Studies & Research, Mona Office of Research & Innovation and Open Campus.

• Drs. Sophie Turfus and Rachael Irving attended the “Innovation and Implementation in Anti-doping” Partnership for Clean Competition (PCC) Conference. (21st-22nd April 2015, Major League Baseball Conference Center, New York, USA).

• Dr. Sharmella Roopchand-Martin presented at Guyanese Physiotherapy Association Dinner. Topic – Introduction to Vestibular Rehabilitation 2014 (October).

• Dr. Sharmella Roopchand-Martin was invited to present to the rehabilitation staff in Guyana on Video gaming applications in rehabilitation 2014 (December).


• Mrs. Carole Lindsay attended the 67th Annual Scientific Meeting of the American Academy of Forensic Sciences. Orlando Florida February 16–21, 2015.

• Dr. Martin attended the American College of Rehabilitation Medicine in Toronto, Canada in October where she did a poster presentation.

• Ms. Nelson attended the European Society of Cardiology Conference held in Barcelona, August 2014, where she did a poster presentation.
• Dr Pearson visited the University of Nairobi and met the Vice-Chancellor, Professor Peter M.F. Mbithi, Deputy Vice-Chancellor of Academic Affairs, Professor Henry W. Mutoro, Dr. Geoffrey G.M. Maloiy, Professor of Animal Physiology, and the staff of the Department of Biochemistry. Previous links with the University of Nairobi include a former member of academic staff of Biochemistry at Mona who had moved from Nairobi: Dr. Bupinder “Bupi” Singh Bharaj (now in Toronto) and Dr. Michael Rowe who was mentored by Professor Maloiy while researching animal gait physiology in Kenya. It was agreed that a Memorandum of Understanding would be potentially acceptable to bind the two universities together.


BOOKS AND BOOK CHAPTERS


• Edwards, T.N., Louboutin, J.P.: Role of Microglia in Neurological


**TECHNICAL REPORTS**


**ARTICLES IN PEER-REVIEWED JOURNALS**


• Cawich SO, Gardner MT, Shetty R, Naraynsingh V. Venous drainage Patterns of the Liver: Is it Different in the Caribbean Population? *Caribbean Medical journal*. 2015;S1:32


- Irving R. HbA1c levels in families of ethnic minorities with early onset type 2 diabetes: Glycemic Control and Ethnicity. *British


**INCOME GENERATION/FUNDING**

**Research Grants:**

**Dr. Paul Brown**

• Campus Research and Publication Fund (CRPF), UWI, Mona June 2015

  Role: PI (Awarded to Terissa Thompson) Virulence attenuation in Staphylococcus aureus (MRSA) using siRNAs.(Travel grant for research visit to University of Waterloo)
US$2000 + J$81000 for airfare

- Principal’s Special New Initiative Award, UWI, Mona July 2015
  Role: PI Investigation of Epigenetic Regulation of Antimicrobial Resistance and Virulence Expression in uropathogenic Escherichia coli – JM$500,000 (US$4348)

- CRPF, UWI, Mona May 2015
  Role: PI (Awarded to Tricia Fraser) Environmental regulation of virulence-associated genes in pathogenic Leptospira – US$2862

- CRPF, UWI, Mona, January 2015
  Role: PI (Awarded to Garth Dawkins) Microbial Pathogen Risk Analysis in the Jamaican meat and poultry industries – JM$175,000 (US$1522)

Dr. Lisa Lindo

- The University of the West Indies Research Fellowship
  Research and Development of Hypoglycaemic and Hypotensive Nutraceuticals and Diabetic Condiments from Compounds Isolated from Eucalyptus camaldulensis. – J$ 2.6 M (approx. US $23,000.00)

- Postgraduate Research Fund:
  The Effects of Inositol, Inositol Hexakisphosphate (IP6) and its Combination on Type 2 Diabetes Mellitus Sprague-Dawley Rats. – US$6,000.00

- Investigating the Effects of Phaseolus vulgaris L (String Beans Pod) on Blood Glucose Concentration in Normoglycaemic and Streptozotocin-Induced Type 2 Diabetic Sprague-Dawley Rats. – US$1,668.00

- Investigating the Effects of Ruellia tuberosa (Duppy Gun) on the Blood Glucose Concentration and Haemodynamic parameters in Normoglycaemic and Streptozotocin-Induced Diabetic (Type 2) Sprague-Dawley Rats – US$3,000.00
Dr. Lauriann Young-Martin

- Awarded a US$1200 grant through the International Brain Research Organization (IBRO) & the Women in World Neuroscience (WWN) to attend the 22nd Puerto Rico Neuroscience Conference held on December 7, 2013 at the Pontificia Catolica.
- Received an IBRO grant of US$1200 to attend and present a paper at the III International Symposium on Motivated Behaviors and Neuroplasticity: Role in Addiction, held on November 20–22, 2014 at El Capitolio, San Juan, Puerto Rico.
- Received a Principal’s Special Projects grant of $664,234 in May 2015 to purchase chemicals and equipment for her graduate student, Ms. Monique McLeary, to initiate her graduate MPhil/PhD research project.

Dr. Sherline Brown

- Awarded a grant of $JA 1.5 million from the Principal's UWI/ NIF. Antibiotic Resistance-Mediated Isolation of Scaffold-Specific Antimicrobial Producers in Jamaican Soil.

Dr. Jean-Pierre Louboutin


Physical Therapy Clinic

- Net income August 1 2014 to March 2015 = $1,455,894.74

Miss Peta-Gaye Thomas

- US$6,000.00 from the Principal to pursue training in Sleep research at Langone Sleep Centre, New York University.
PUBLIC SERVICE

Dr. Andrew G. M. Pearson
- Continues to serve as Chairman, International Standards Organisation Technical Committee 93 (Starch & its derivatives).

Professor Wayne McLaughlin
- Board member, Coconut Industry Board
- Board member, Seprod Limited

Dr. C. R. Nwokocha
- Member of the Organizing Committee of the FMSARC

Dr. Paul Brown
- Ambassador to Jamaica, American Society for Microbiology (ASM).
- President, WIGUT (Jamaica).
- Adjudicator, American International School of Kingston (AISK) Middle School Science Fair.5
- Member, Research Subcommittee, International Society of Infectious Diseases. Terms: Oversight of ISID’s research grants & awards and fellowship programs.
- Member, American Society for Microbiology (ASM) review committee for the Makela Cassell Travel Award sponsored by FEMS.
- Member, ASM Membership Board Task Force. Terms: Review of tiered membership system.
- Chair, American Society for Microbiology (ASM) Leadership Circle. Terms: Oversight of ASM’s strategic direction in terms of communication between members and Ambassadors, international grants and fellowships, and Ambassador orientation.
- External Examiner, Microbiology programme at University of Technology.
Dr. Kerith Golden
– Vice President, Stock Farm Road Citizens Association, Golden Spring, St Andrew.
– Member of the Board (Vice President) for Jamaica Association for Children with Learning Disabilities. 7 Leinster Road, Kingston 5.

Dr. Rachael Irving
– Committee Member: National Sports Museum chaired by Honourable Portia Simpson-Miller, Prime Minister of Jamaica

Prof. Dalip Ragoobirsingh
– Diabetes Association of Jamaica (DAJ) – Consultant Diabetes Educator
– The University Diabetes Outreach Programme (UDOP) – Director Research
– University Hospital of the West Indies (UHWI) – Consultant Diabetes Educator
– 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.
– World Health Organization Guideline Development Group

Dr. Lisa Lindo
– Fulbright Alumni Association
– Chair: American Friends of Jamaica (AFJ) / Sue Cobb Lecture Series
– Member of Society for Scientific Advancement (SoSA)
– Member of the Planning Committee of the 10th Faculty Conference (2015), Faculty of Science & Technology, UWI, Mona. Theme: Science Technology Engineering Mathematics: The Engine of Growth
– Member of the Planning Committee of Faculty of Medical Sciences Annual Research Conference (2015)
– UWI, Mona Scholarship Interviewing Panel, Chair (2006- present), Office of Student Financing

Dr. Lauriann Young-Martin
– Lector and Member of the Liturgical Committee of Holy Cross Roman Catholic Church
– Member of the Fund-raising Committee of Holy Cross Church
– Member to the Women in World Neuroscience (WWN)
– Chaired a session at the 23rd Annual FMS Research conference
– Invited guest on News Talk 93 hosted by Prof. Carolyn Cooper to discuss the role of the UWI Medicinal Cannabis Research group

Dr. Icolyn Amarakoon
– Chair, Technical Service Advisory Committee, Basic Medical Sciences
– Member, Working Group Hazardous Waste Management Project
– Mentor, Future Leaders of Jamaica
– Member, Society for Scientific Advancement (SoSA)
– Member, Fulbright Alumni Association

Dr. Sharmella Roopchand-Martin
– Member: Jamaica Physiotherapy Association
– One day outreach clinic for children with neurological disorders done in collaboration with students from Nova Southeastern University.

Dr. Jean-Pierre Louboutin
– Member of Editorial Boards of 27 journals
– Reviewer of 60 peer-reviewed journals
– Reviewer of grants for Scientific Council of Romania (Young Investigators Awards in 2015)
Dr Audrey Jacob
– Participated in the Read across Jamaica Day events at Immaculate Conception Preparatory School.

Dr. Carron Gordon
– Member: Jamaica Physiotherapy Association
– FMS Representative on the Council for Professions Supplementary to Medicine, Ministry of Health, Jamaica

Ms. Gail Nelson
– Member: Jamaica Association of Sports Medicine
– Members: Jamaica Physiotherapy Association
– Associate Member: Caribbean Cardiac Society

Dr. Sonja Williams
– Member: Jamaica Physiotherapy Association

Ms. Gillian Hudson
– Member: Jamaica Physiotherapy Association
– Consie Walters Cancer Care Center Executive Member; Friends of Sir John Golding Rehabilitation Center

UNDERGRADUATE STUDENTS REGISTRATION

DDS
Year 1 = 25
Year 2 = 12
Year 3 = 13

MBBS
Year 1 = 334
Year 2 = 365
Year 3 = 322
BB Med Sci.
Year 1 = 56
Year 2 = 69
Year 3 = 60

Physical Therapy
Year 1 = 75
Year 2 = 60
Year 3 = 65
36 students graduated in October 2014

FST (Registrations in BMS courses)
Year 1 = 1095
Year 2 = 305
Year 3 = 407

POST GRADUATE STUDENTS REGISTRATION

Taught Masters
MSc Forensic Science = 18
MSc Applied Pharmacology = 6
MSc Physical Therapy = 3 students enrolled for 2014-2015 and 3 graduated in October 2014

Research
MPhil = 27
PhD = 9
POSTGRADUATE DEGREES AWARDED


VISITORS TO THE DEPARTMENT

Dr. William Cole, Professor in Physiology and Pharmacology at the University of Calgary, Canada, spent the month of January 2015 as a visiting professor in Physiology to conduct collaborative work with Dr. C. R. Nwokocha. This collaboration has further facilitated Ms. Garsha McCalla, Assistant Lecturer in Physiology, to conduct part of her graduate research work in Professor’s Cole’s research laboratory at the University of Calgary during the summer.

Dr. Patricia Smith-Garry, the External Examiner, for the Final Professional Examination held in July 2015 visited the department from the University of East London, UK

Staff and students of the physical therapy programme at Nova Southeastern University were hosted for one day.

CONDOLENCES

Dr. Hugh McLean, Senior Lecturer, Pharmacology died on July 18, 2015.
REGIONAL AND NATIONAL IMPORTANCE OF CHILD HEALTH

The World Health Organisation’s definition of health encompasses more than just the absence of disease and includes physical, social and emotional health and development. The health and well being of a nation and therefore a region, is determined by the health of its children. Internationally, perinatal, infant and under five mortality rates are recognised indicators of national health.

WORK OF THE DEPARTMENT

The Department of Child and Adolescent Health is one of the Departments within the Faculty of Medical Sciences. The main focus of the Department is to improve the health and welfare of families through clinical service, research, intellectual leadership, advisory and community services and training of undergraduate students and postgraduate doctors.
Our clinical services are delivered through two medical wards, a paediatric casualty and a newborn special care unit which incorporates a neonatal intensive care unit. The main subspecialties offered are infectious diseases, development and behavioural paediatrics, cardiology, neonatology, nephrology, neurology, endocrinology and pulmonology. There is also collaboration with other surgical and medical subspecialties.

The Department has been involved in collaborative research with other faculties of the University of the West Indies and several overseas institutions such as Vanderbilt University Global Health Program, University of Texas and the Children’s Nutrition Research Centre (CNRC), Baylor College of Medicine, Texas and Yale University. Several members of the Department were involved in health promotion activities such as media presentations both print and electronic. Members also demonstrated intellectual leadership through their involvement with several advisory boards and active participation in community service. The scope of this involvement encompassed early childhood development, mental health, elimination of infectious diseases and parenting and perinatal and infant nutrition.

The need for a cadre of professionals trained in the field of Child and Adolescent Health has led to the Department’s continued development of undergraduate and postgraduate programmes. As curriculum development, teaching and learning methods are continuously being revised, both undergraduate and postgraduate programmes in Child and Adolescent Health have been the subject of frequent reviews. The Department currently offers two undergraduate courses as part of the MBBS programme and a postgraduate programme in Paediatrics (Doctor of Medicine in Paediatrics). Additionally, staff of the Department teach courses in child and adolescent health related areas and provide research and clinical supervision to students enrolled in undergraduate programmes in Nursing and Midwifery and postgraduate programmes in Clinical Psychology, Education, Nutrition, Epidemiology and Public Health.

There were 280 junior students and 250 senior students who completed the Child and Adolescent Health rotations over the last year. The final MBBS assessment of the Child and Adolescent Health programme is
done together with the Department of Medicine in the November/December examination 2014 and of the 39 candidates who were examined, 9 were unsuccessful, while in May/June 2015, of 257 candidates who were examined, 10% of the candidates were unsuccessful. There were 56 elective students who rotated through Child and Adolescent Health during this period. Forty-six were from UWI; ten were from overseas Universities: UK (6), Canada (2), and Caribbean (2).

There was a total of 51 postgraduate students registered in the DM Paediatric programme of which 36 candidates are in Jamaica and 15 candidates are in the Bahamas. Seven candidates sat DM Part 2 final examination and 7 (100%) were successful while 15 candidates sat the DM Part 1 examinations and all 15 (100%) were successful. Thirteen candidates started the program 1st July 2015 of which 3 were in the Bahamas.

PERINATAL AUDIT, SYMPOSIUM AND CONFERENCES

This year was the fourteenth year of the Perinatal Audit and Symposium. This annual conference was held on the 21st and the 22nd February 2015 and was coordinated by Dr. Blondel Crosdale. This is a joint effort between the Departments of Obstetrics and Gynaecology and Child and Adolescent Health with external review of perinatal statistics by practitioners from outside units. The theme this year was “Hot Topics in Perinatology”

The Department held its 6th Biennial Child and Adolescent Health Conference 5th and 6th April 2014. The theme was “Code Red” – Critical Care Issues in Paediatrics. The guest speaker was Dr. Michael Gayle, a consultant paediatric intensivist from the Jackson Memorial Hospital in Florida.

The Department under the guidance of Dr. Melbourne-Chambers organized a Gastroenterology Symposium entitled “Managing Stool Incontinence in Children.” The visiting lecturer from the USA, Dr. Kirk Thame, a previous lecturer in the Department conducted the Symposium.
RESEARCH GRANTS

Bailey K – Principal Investigator

• Source: Principal New Initiative Grant $1, 500,000
  Title: A longitudinal study of respiratory morbidity in a Jamaican Birth Cohort
  Funds: J$1, 500,000

Christie CDC

• Source: Minister of Health (July, 2015) and National Health
  Title: Elimination of Vertical (Mother-to-child) Transmission of HIV/AIDS and Congenital Syphilis in Jamaica,
  Grant Period: 2015 to 2016
  Funds: J$25,000,000

• Source: UNICEF & UNAIDS
  Title: Elimination of Vertical (Mother-to-child) Transmission of HIV/AIDS and Congenital Syphilis in Jamaica,
  Grant Period: 2015
  Funds: $ 4,250 USD

Harrison A – Principal Investigator

• Source: UNICEF
  Title: Chronic illness in Jamaican Adolescents – A review of asthma, diabetes mellitus, HIV and sickle cell disease
  Grant Period: (2014–2015)
  Funds: USD 34,950.00
Pierre RB  Co-Principal Investigators

Christie CDC.

- Source: ViiV Healthcare in collaboration with Mater Misericordiae University Hospital, the University of the West Indies, Jamaica, and other international sites (South Africa, Brazil, Ireland, United Kingdom, Romania, and Thailand)

Title: “The Passages Project – Mapping Transition, Charting Futures Global Research into Specialty Care and Transition for Adolescents Living with HIV”,

Grant Period: September 1, 2014 to June 26, 2016

Funds: US$ 17,086.95 (€ 15,000.00) [Phase 1]

Pottinger A  Principal Investigator

- Source: Principal New Initiative Grant $1, 500,000

Title:

Funds: J$1, 500,000

Samms-Vaughan – Principal Investigation

- Source: Inter-Americaan Development Bank

Title: Evaluation of Early Childhood Learning Environments

Grant Period: 14/08/2014-13/08/2016

Funds: US $1, 000,000.00 (Counterpart funding additional US200, 000.00)

INTERNATIONAL CONSULTANCIES

Christie CDC.

- Inaugural International AIDS Society and Industry High-level Leadership Consultations, Conference on Retroviruses and Opportunistic Infections (CROI), Chairperson – Boston, Mar 3 International AIDS Society Bi-Annual Conference, Chairperson – Melbourne Australia, 2014
PUBLICATIONS

Peer Review Journals


Screening Questionnaire was equivalent to clinical assessment in identifying children with epilepsy. *J ClinEpidemiol.* 2015: S0895-4356(15)00124-9.


• Ellie Adler, Dr. Cheryl Alexis, Prof. Zulaika Ali, Dr. Upton Allen, Dr. Ute Bartels, Cassandra Bick, Dr. Jacqueline Bird-Compton, Dr. Curt Bodkyn, Dr. Rosemary Boyle, Stephanie De Young, Bonnie Flemingcarroll, Dr. Sumit Gupta, Patricia Ingram-Martin, Dr. Meredith Irwin, Dr. Melanie Kirby-Allen, Dr. Sharon Mclean-Salmon, Paul Mihelcic, Dr. Michelle Ann Richards-Dawson, Dr. Michelle Reece-Mills, Dr. Furqan Shaikh, Dr. Corrine Sinquee-Brown, Dr. Minerva Thame, Dr. Sheila Weitzman, Dr. Gilian Wharfe And Dr. Victor Blanchette. Bridging the Distance in the Caribbean: Telemedicine as a means to build capacity for care in paediatric cancer and blood disorders. Global Telehealth 2015: Integrating Technology and Information for Better Healthcare G. Gillis et al. (Eds.) *Stud Health Technol Inform.* 2015;209:1-8.

• Richardson C, Trotman H. Risk factors for the delivery of macrosomic infants at the University Hospital of the West Indies. *Am J Perinatol.* 2014 Nov;31(11):927-32

**ABSTRACTS**

• A five year review of acute accidental poisoning in children at the Bustamante Hospital for Children: 2007–2011 TT Thomas, KA Bailey, M Antoine P0 - (02) *WIMJ*


• Hall-Parkinson D, Tapper J, Melbourne-Chambers R. Parent And Caregiver Knowledge, Beliefs And Responses To Convulsive Seizures In Children In Kingston, Jamaica – A Hospital Survey. *W.I. Med J*, 2015; 64(Suppl.2):10


INVITED PROFESSIONAL AND ACADEMIC PRESENTATIONS

- Christie CD. Transition of HIV infected children from pediatrics into adult care. IWHOD symposium, 27 March, 2015, San Servelo Island, Italy.

- Christie CD. HIV in a resource challenged country – Jamaica. Invited Plenary Speaker at the Symposium to honor Professor Robert S. Baltimore, May 9, 2015; Yale University School of Medicine, New Haven, Connecticut, USA.

Harrison A.


- Harrison A “Special needs of the adolescent patient: Understanding the adolescent”. Faculty for Ministry of Health’s Regional training ‘Adolescent Health Standards and Criteria training events’– July 2015

Melbourne Chambers R.


Pierre R

- Evans-Gilbert, T; Reid, G; Pierre, R. “Perinatally HIV infected adolescents and early transition to adult care”. JAIDS 11/2014; 67. DOI: 10.1097/01.qai.0000456166.66149.ce. Platform presentation at the 16th Annual International Meeting of the Institute of Human Virology, Wednesday afternoon, September 17, 2014, Baltimore, Maryland, USA.

Pottinger AM.

- “Psychological support for assisted fertility” 14th Annual Perinatal Conference, Department of Child and Adolescent Health and Department of Obstetrics & Gynaecology, Main Lecture Theatre, Faculty of Medical Sciences, February 21–22, 2015
- “Neonatal end of life care” (panel discussion). Paediatric Association of Jamaica Annual Ethics Seminar, Paediatric Association of Jamaica, Knutsford Court Hotel, September 25 2014.

Samms-Vaughan, ME.

- Rahbar, M. H., Samms-Vaughan, M., Ma, J., Bressler, J., Dickerson,

- KD Rocke, TS Ferguson, NO Younger-Coleman, MK Tulloch-Reid, JM Knight-Madden, M Samms-Vaughan, D Ashley, A McCaw-Binns, RJ Wilks The Relationship Between Birth Weight and Renal Function in Afro-Caribbean Young Adults: Analysis from the 1986 Jamaica Birth Cohort Study. FMS Research Day, November 2014.

Thame M.


PUBLIC SERVICE

Christie CDC

- Member, Governing Council of the International AIDS Society
- Member, Collaborative Initiative for Paediatric Education and Research (CIPHER), Governing Council, International AIDS Society
- Member, Research Grant Working Group, Collaborative Initiative for Paediatric Education and Research (CIPHER), Governing Council, International AIDS Society
- Chair, “Rethinking the Pharmaceutical Industry Liaison Forum (ILF)” of the International AIDS Society (IAS)
- Fellow, Infectious Diseases Society of America,
- Member, Pediatric Infectious Diseases Society of America
- Founding Member, HIV Medicine Association of America
- Member, International Association of Physicians in HIV/AIDS Care
- Member, International Society for Infectious Diseases
- Vice Chancellor’s Representative, UWI, to the Executive, Center for HIV/AIDS Research and Training (CHART)

- Director, Jamaica’s National Program for the Elimination of Congenital HIV/AIDS and Syphilis and JaPPAAIDS, at the invitation of Jamaica’s Minister of Health, Dr Fenton Ferguson

- Senior Member, Elimination of Mother to Child Transmission (eMTCT) of HIV and Syphilis, Oversight Committee and its many Subcommittees, eg., Database, Cascade for pMTCT Syphilis,

- Chair, Clinical Trials Advisory Committee, Faculty of Clinical Sciences, UWI Mona

- UWI representative, Centre for HIV/AIDS Research and Training (CHART)

- Member, West Indian Medical Journal, Editorial Board

- Chair, Principal’s Research Awards Committee, Faculty of Medicine, UWI

- Chair, Clinical Trials Oversight Committee, UWI – Mona

- Special Project Lead – Collaboration between UWI and Yale University School of Medicine.

Harrison A

- Chairman, Board of Visitors, Metcalfe Street Secure Juvenile Centre

- Vice-President Caribbean region Executive council,— International Association for Adolescent Health

- Member, Adolescent Policy Working group – Ministry of Health, Jamaica

- Member, Steering Committee, ‘All-in project”. Ministry of Health and UNICEF.

- Reviewer for PLOS One and West Indian Medical Journal

Pierre R.

- World Health Organization (WHO) Department of Maternal, Newborn, Child and Adolescent Health (MCA) and the Department

– Team Chair, and Member of Accreditation Team selected by Caribbean Accreditation Authority for Education in Medicine and Other Health Professions (CAAM-HP) for site visit to St. James School Ross University School of Medicine and Clinical Affiliates, January 18–25, 2014


– Chairman / Chief Examiner of the Caribbean Association of Medical Councils (CAMC) Examination Committee

– Member, National HIV Quantification Technical Sub Committee, Ministry of Health, Jamaica; June 2013 to date

Pottinger AM

– Coordinator, Counselling services, Eden Garden Service Center, outreach programme of Webster Memorial United Church, responsible for supervising volunteer counselors, and monitoring and evaluating counselling service to the public

– Member, Steering Committee, Psychology and Counselling Standards, University Council of Jamaica

Samms-Vaughan M.

– Chairman, Early Childhood Commission

– Member, IADB Early Childhood Advisory Group

– Director, Usain Bolt Foundation

– Director, Family Life Ministries

– Director, Vaz Preparatory School Board

– Director, Promise Learning Centre Board
Thame M.
– Member, UHWI representative Medical Review Panel, MOH
– Chair, Caribbean Public Health Agency (CARPHA), Research and Advisory Committee
– One of the lead physicians for the Sick Kids-Caribbean Initiative for developing improved Care for children with cancers.
– Co-Chair for the research team, Sick Kids-Caribbean Initiative for developing improved Care for children with cancers.
– Director, Jamaica Kidney Kids Foundation (JKKF)

HONOURS AND AWARDS

Christie CD

• 2014 – Gold Musgrave Medal for Eminence in Science (Medicine), Institute of Jamaica

• 2014 – Special Project Lead – Collaboration between UWI and Yale University School of Medicine.
WORK OF THE DEPARTMENT

The Department of Community Health and Psychiatry provides undergraduate and postgraduate instruction in public health, family medicine and psychiatry. Clinical services include primary health care services delivered at the Hermitage August Town Community Health Centre and adult, child and adolescent in-patient, outpatient and community mental health services provided by the psychiatric-psychologist team. Faculty co-authored 52 peer-reviewed papers (2 with students), one book chapter, a technical report and 15 abstracts. Journal impact factors (IF) averaged 2.76 (range: 0.0–55.873). Per capita peer reviewed publications was 1.93.
UNDERGRADUATE PROGRAMME

The Department coordinates nine courses in the undergraduate medical/dental curriculum across all five years of the programme (Table 1). The increase in class sizes from around 250 to over 350 has created many logistical challenges to accommodate the increased rotation sizes. The acquisition of a 28 seater bus this year has been a great assistance, however rentals are still necessary as we provide community based public health and clinical experience for two disciplines in three clinical years.

Table 1: Undergraduate courses coordinated by the Department of Community Health & Psychiatry

<table>
<thead>
<tr>
<th>Undergraduate Courses Taught – 2014-15</th>
<th>UWI FMS</th>
<th>Spartan/Other non-UWI, non FMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDSC 1202: Introduction to Medical Practice</td>
<td>366</td>
<td></td>
</tr>
<tr>
<td>MDSC 1203: Health Care Concepts</td>
<td>368</td>
<td></td>
</tr>
<tr>
<td>MDSC 2105: Health &amp; the Environment</td>
<td>384</td>
<td></td>
</tr>
<tr>
<td>MDSC 3104: Health Services Management</td>
<td>344</td>
<td></td>
</tr>
<tr>
<td>MDSC 3200: Understanding Research</td>
<td>356</td>
<td>6</td>
</tr>
<tr>
<td>MDSC 3203: Aspects of Family Medicine</td>
<td>302</td>
<td></td>
</tr>
<tr>
<td>MDSC 4002: Year Four Community Health (Public Health)</td>
<td>244</td>
<td></td>
</tr>
<tr>
<td>MDSC 4011: Year Four Psychiatry</td>
<td>245</td>
<td>12</td>
</tr>
<tr>
<td>MDSC 5002: Final Year Community Health (Family Health)</td>
<td>260</td>
<td>6</td>
</tr>
<tr>
<td>FD 12A: Medicine, Health and Technology (Health &amp; Disease in the Caribbean)¹</td>
<td></td>
<td>600</td>
</tr>
</tbody>
</table>

1. Foundation course for UWI undergraduates not registered in the Faculty of Medical Sciences
The Faculty of Medical Sciences supported improvements to the Seaview Gardens, Denham Town and Lawrence Tavern Health Centres (Kingston and St Andrew Health Department, KSAHD) to expand the number of sites available for placement of final year students. The accreditation of regional hospitals for in-patient clinical rotations and establishment of off-campus housing have also benefitted the fourth year rural rotation in public health. We however need to continue to improve on-campus teaching spaces in both sections of the department to comfortably seat the larger groups. Off-site hosts are also stretched to accommodate these larger groups.

POSTGRADUATE PROGRAMMES

Master of Public Health, MPhil/PhD (Public Health) and Doctorate in Public Health

The Department delivers postgraduate programmes at the masters and doctoral level. The MPhil/PhD in public health is a research programme, while the doctorate in public health (DrPH) is an executive mixed methods programme of courses, practical experience and research aimed at developing the next generation of public health leaders. Options for persons pursuing the master of public health (MPH) include the general degree or specialty tracks in health education/health promotion; health management\(^2\) and the latest offering, gerontology. To address the changing needs of our target group, effective with the 2014–15 academic year, MPH lectures are now offered from 2–9pm (instead of 8:30 am–5:00pm). Coincidentally, we observed a doubling of intake over the previous year.

Diploma and Doctor of Medicine (DM) in Family Medicine and DM in Psychiatry

Clinical training programmes include a diploma with the option to continue to the doctor of medicine (DM) in family medicine and a DM in psychiatry. Both clinical programmes at Mona are delivered in concert with the School of Clinical Medicine and Research, UWI, Bahamas,
with annual examinations rotating between the two sites. No psychiatry residents were registered in the Bahamas this year however. Table 2 shows the 2014–15 enrolment and those slated to graduate in November 2015.

Table 2: Post graduate students – Community Health and Psychiatry 2014–2015

<table>
<thead>
<tr>
<th>Categories of students</th>
<th>Number registered 2014–2015</th>
<th>To graduate Nov 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD Public Health</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>Doctorate of Public Health (DrPH)</td>
<td>33</td>
<td>2</td>
</tr>
<tr>
<td>Master of Public Health</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– General</td>
<td>14</td>
<td>8</td>
</tr>
<tr>
<td>– Health Education/Health Promotion</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>– Health Management$^2$</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>– Gerontology</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Diploma in Public Health$^3$</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Health Management$^2$</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>– Gerontology</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Diploma in Family Medicine (Years 1–2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Bahamas</td>
<td>10</td>
<td>7</td>
</tr>
<tr>
<td>– Mona</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>DM Family Medicine (Years 3–4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– Bahamas</td>
<td>9</td>
<td>4</td>
</tr>
<tr>
<td>– Mona</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>DM Psychiatry (years 1–4)</td>
<td>14</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total post-graduates</strong></td>
<td><strong>130</strong></td>
<td><strong>37</strong></td>
</tr>
</tbody>
</table>

2 In collaboration with the Mona School of Business.
3 Option for students with prior MPH seeking the added competencies offered in these specialty tracks.
CLINICAL SERVICES

The Community Health Centre serves 16 communities in collaboration with the KSAHD. From July 2014 to June 2015 staff saw 13,861 clients; 7,805 for curative services (screening, health promotion, general medical care, hypertension-diabetes care, dressings other acute care) and 6,056 for preventive services (family planning, cervical cancer screening, antenatal, postnatal, well-baby care). This is an 8.2% increase over last year, aided by the rotation of seven senior house officers through the health centre since January 2015. Other services including community mental health, counselling and social work intervention; disease surveillance; health promotion; and birth and death registration. Psychiatry provides adult in-patient and out-patient psychiatric services, specialized services for children and adolescents, forensic services, and day treatment for persons with drug dependency.

INTERNATIONAL SERVICE

Faculty serve on global expert panels, advisory committees and as peer reviewers for a range of international academic journals, including the *West Indian Medical Journal*.

**Professor Wendel Abel**

– Expert Panel: Strategic and Regional Action Plan for Mental Health (PAHO)

– Advisory Committee: The Training and Certification Program for Drug and Violence Prevention, Treatment, and Rehabilitation (PROCCER; OAS)

– Peer Reviewer: *Ethnicity and Inequalities in Health and Social Care; West Indian Medical Journal*

**Dr Colette Cunningham-Myrie**

– Committee Member: Caribbean Regional Epidemiology and Laboratory Training Programme (CDC/PAHO/CARPHA)
Professor Denise Eldemire-Shearer
– Editorial Board Member: West Indian Medical Journal

Professor John Peter Figueroa
– Chair: WHO SAGE working group on Measles/ Rubella
– Chair: WHO SAGE working group on Poliomyelitis
– Chair: PAHO Technical Advisory Group (TAG) on vaccine preventable diseases
– Chair: Caribbean Expanded Program of Immunization (EPI) managers’ annual meeting
– Member: WHO Strategic Advisory Group of Experts (SAGE) on vaccine preventable diseases, Geneva, Switzerland.
– Member: WHO International Health Regulations Roster of Experts (Poliomyelitis)
– Member: UNAIDS Scientific Expert Panel
– Member: PANCAP Priority Areas Coordinating Committee (PACC)
– Editorial Advisory Board: West Indian Medical Journal
– Peer Reviewer: Various international journals; West Indian Medical Journal

Dr Roger Gibson
– Member: Section on Conflict Management & Resolution, World Psychiatric Association
– Editorial Board Member: Clinical Medicine: Case Reports (publisher: Libertas Academica)
– Peer Reviewer: BMC International Health & Human Rights; BMC Psychiatry; Journal of Pediatric Hematology and Oncology; PLoS One; Psychology, Health & Medicine; West Indian Medical Journal
Ms Joy Harrison
- Member: Inter-American Drug Abuse Control Commission (CICAD) and Centre for Addiction and Mental Health (CAMH)

Dr Desmalee Holder-Nevins
- Member: International Union of Health Promotion and Education (IUHPE)
- Editorial Board: North American Regional Organization of IUHPE

Professor Maria Jackson
- Corresponding member: Global Burden of Disease (GBD) Project (WHO, Gates Foundation and World Bank): Nutrition Expert Group
- Member: African-Caribbean Cancer Consortium (AC3) Research Review Committee
- Member: American Association for Cancer Research
- Member: American Society of Nutrition
- Member: Minorities in Cancer Research
- Editorial Board Member: Ethnicity and Health
- Peer Reviewer: BMC Public Health; Cancer Causes and Control; Clinical and Experimental Metastasis; Genes and Nutrition; Nutrition and Cancer; British Journal of Nutrition; Nutrition Journal; Public Health Nutrition; The Prostate

Dr Samantha Longman-Mills
- Research Committee: CICAD-CAMH International Research Capacity Building Program Alumni Association
- Peer reviewer: International Journal of Child and Adolescent Resilience

Professor Affette McCaw-Binns
- Member: World Health Organization, Maternal Morbidity Working Group
– Member: Human Resources for Health (HRH) Technical Working Group, PAHO

– Peer Reviewer: *Annals of Medical and Health Sciences Research; BMC Pregnancy and Childbirth; BMC Health Services Research; British Journal of Obstetrics and Gynaecology; International Journal of Gynecology and Obstetrics; West Indian Medical Journal*

**Dr Kathryn Mitchell-Fearon**

– Member: International Consortium on Healthcare Management (PAHO, International Hospital Federation, American College of Health Care Executives)

– Member: Human Resources for Health (HRH) Technical Working Group, PAHO

**Dr Kai Morgan**

– Peer Reviewer: *Caribbean Journal of Psychology; International Humanities Review; Journal of Black Psychology*

**Dr Tana Ricketts-Roomes**

– Vice President: Caribbean College of Family Physicians

**Dr Henroy Scarlett**

– Member: National Environmental Health Association, USA

**Dr Kristen Smith**

– Treasurer: Caribbean College of Family Physicians

**Dr Aileen Standard Goldson**

– Executive member: University of the West Indies Alumni Association Jamaica Chapter

– Executive member: Caribbean College of Family Physicians Regional Board
PUBLIC SERVICE

Faculty sit on a range of technical and advisory groups for government agencies, non-governmental organizations and hold leadership positions in professional organizations.

Professor Wendel Abel
– Chair: National Council and Drug Abuse

Mrs Althea Bailey
– Chair: The Jamaica Red Cross Adolescents at Risk Advisory Committee
– Board member: Jamaica AIDS Support for Life
– Committee member: Integrated Youth services
– Member: Ministry of Health/ National HIV Programme Technical Working Group

Dr Paul Brown
– UWI Chikungunya Response: Public Education Sub-Committee
– Family Physician: Department of Community Health and Psychiatry health centre

Dr Colette Cunningham-Myrie
– Honorary Secretary: Medical Association of Jamaica
– Member: Essential National Health Research Committee, Ministry of Health, Jamaica
– Member: Ministry of Health Working Group for Research on Chikungunya Fever in Jamaica
– Volunteer physician: Diabetes Association of Jamaica
– Member: Caribbean College of Family Physicians (Jamaica Chapter)

Professor Denise Eldemire-Shearer
– Patron: National Council for Senior Citizens
– Chairman: Board of Supervision, Ministry of Local Government/Community Development
– Chairman: Caribbean Community of Retired Persons
– Member: Central Health Committee, Ministry of Health
– Member: Medical Association of Jamaica

Professor J Peter Figueroa
– Director: Epidemiology Research and Training Unit, 22 Slipe Pen Road, Kingston, Jamaica

Dr Roger Gibson
– Member: Jamaica Psychiatric Association
– Member: Medical Association of Jamaica

Ms Joy Harrison
– Member: Jamaica Association of Social Workers

Dr Desmalee Holder-Nevins
– Executive Board Member: North Jamaica Conference of Seventh Day Adventists
– Member: Jamaica Association for Health Education and Promotion (JAHEP)

Professor Maria Jackson
– Board member: St Richard Early Childhood Education Institution

Dr Hazel Laws
– Member: Caribbean College of Family Physicians (Jamaica Chapter)
– Member: Medical Association of Jamaica

Dr Samantha Longman-Mills
– Executive Committee member and Director of Advocacy: Jamaican Psychological Society
– Member: Juvenile Correctional Centre Board of Visitors
Dr Gillian Lowe
- Child Psychiatrist: Glen Vincent Health Centre, Child Guidance Clinic
- Member: Jamaica Psychiatric Association
- Member: Medical Association of Jamaica
- Member: Paediatric Association of Jamaica
- Member: The Rotary Club of Kingston

Dr Kerriann Mahlee
- Member: Medical Association of Jamaica
- Volunteer: Food for the Poor
- Volunteer: Salvation Army

Prof Affette McCaw-Binns
- Member: National Maternal Mortality Surveillance Committee, Ministry of Health

Dr Kai Morgan
- Executive Board: Grata Foundation
- Vice-President: Jamaican Psychological Society
- Member: Caribbean Sexuality Research Group

Dr Tana Ricketts-Roomes
- Member: Association of General Practitioners
- Member: Medical Association of Jamaica
- Medical Advisor: St Hugh’s Preparatory School
- Volunteer: Hanover Street Baptist Church Outreach Programme

Dr Henroy Scarlett
- President: Jamaica Occupational Health Professionals Association.
- Executive Council: Jamaica Association of Public Health Inspectors
- Member: National Oversight Committee, Ministry of Health Wastewater Systems Evaluation Project
Dr Kristen Smith
– Member: Medical Association of Jamaica

DISTINCTIONS, HONOURS, SCHOLARSHIPS AND AWARDS

UWI Medical Alumni Association – Prize for the Best Presentation by a medical student. Faculty of Medical Sciences 23rd Annual Research Conference.


PUBLICATIONS

Faculty authored 52 peer reviewed journal articles; one book chapter; one technical report and 15 published abstracts. Another 17 presentations were made at scientific and technical meetings. Ten papers and a book chapter were written by the psychiatry team, while 30 papers and one technical report were by the community health team. Two papers were inter-disciplinary efforts across both sections of the department. Students were lead authors on two papers and seven abstracts.

The per capita output was 1.93 (community health: 1.88, psychiatry: 2.30). The papers were accepted in journals with a range of impact factors (IF) from unrated (0.0) to 55.873. The mean was only 2.76 however (community health – 4.34; psychiatry – 0.21) as 23 papers were in unrated journals, while seven were in journals with IFs below one. The IF for the West Indian Medical Journal (four papers) fell to 0.28 in 2014. As a new journal, West Indian Medical Journal Open (16 papers) is unrated (IF=0.0).
PEER REVIEWED JOURNAL ARTICLES

Joint Community Health and Psychiatry


Community Health


- Bailey A, Figueroa JP. A conceptual framework for sex work and HIV risk in a Caribbean country *Archives of Sexual Behavior* 2015 April (online); 44 (4) DOI 10.1007/s10508-014-0449-1. IF – 3.53.

- Bennett NR, Ferguson TS, Bennett FI, Tulloch-Reid MK, Younger-Coleman NOM, Jackson MD, Samms-Vaughan ME and Wilks RJ. High-sensitivity C-reactive protein is related to central obesity and the number of metabolic syndrome components in Jamaican young adults. *Frontiers in Cardiovascular Medicine* 2014; 1:12. doi: 10.3389/fcvm.2014.00012. IF – 0.00.

- Collins-Fairclough AM, Dennis AM, Nelson JA, Weir SS, Figueroa JP. HIV drug resistance surveillance among Jamaican men who have sex with men should be prioritized for reducing HIV transmission.


• McCaw-Binns AM, Mullings JA, Holder Y. Vital registration and under-reporting of maternal mortality in Jamaica. International


**Student Led**


**Psychiatry**

• Atkinson U, Abel WD, Whitehorne-Smith P. Current trends in


- Henry M, Whitehorne-Smith P, Abel WD. Sociodemographic and clinical characteristics of persons presenting with deliberate self-harm to the Accident and Emergency Department of the University Hospital of the West Indies. West Indian Medical Journal Open 2015; 2(1): 28-32. DOI: 10.7727/ wimjopen.2014.269. IF – 0.00.


Morgan AN, Whitehorne-Smith P, Coore A, Simms L, Abel WD, Gilbert DT. The prevalence of depression among medical inpatients at the University Hospital of the West Indies, Jamaica. West Indian Medical Journal Open 2015; 33-35. DOI: 10.7727/wimjopen.2014.267. IF – 0.00.


Sewell CA, Hickling FW, Abel WD, Smith S, Paisley V, Martin J,


**Student Led**


**BOOKS/ CHAPTERS IN BOOKS**

TECHNICAL REPORTS


PUBLISHED ABSTRACTS AND POSTERS


**Student led**


• Asemota O, Eldemire-Shearer D, Waldron NK, Standard-Goldson


**OTHER PRESENTATIONS**


- **Campbell N.** Climate change and occupational health exposure in tropical settings. Jamaica Association of Public Health Inspectors
68th annual conference and exhibition. Jewel Runaway Bay Beach and Golf Resorts, St Ann, Jamaica, October 2014.


- Longman-Mills S. Drug Research in the Caribbean: The CICAD-


- **Scarlett HP.** Chikungunya outbreak in Jamaica. The Kentucky Association of Milk, Food and Environmental Sanitarians. Lexington, Kentucky, USA. February 2015.


WORK OF THE DEPARTMENT

The Department of Medicine persevered in its mission of excellence in teaching, engaging in research which is relevant, providing service and outreach during the period August 1, 2014 to July 31, 2015. One of the main challenges the Department faced was the limited budget allocated which is grossly inadequate for proper functioning of its academic activities. The increased number of undergraduate students also posed a significant challenge.

TEACHING

Undergraduate

The Department has been able to manage the increased number of Undergraduate students in the flagship MBBS program with difficulty
and this continues to be one of the major challenges for the Department. The University Hospital of the West Indies (UHWI), the main teaching facility for clinical teaching has limited space and facilities and limited patient numbers. In addition, there is a significant shortage of resources at the UHWI which is causing major challenges for patient care and which adversely affects both undergraduate and post-graduate teaching and learning. There is chronic shortage of most medications and a lack of maintenance of most equipment used for patient care, teaching and research. There has been difficulty maintaining equipment and no replacement for outdated or non-functional equipment. The full time and associate staff have managed the problems associated with the increased number of students in all clinical clerkships with difficulty. The increased Internal Medicine patient load at the UHWI as well as at other institutions have created major problems with resources and inadequate staffing.

The clinical students were assigned predominantly to the UHWI, which includes all of the second year IMP students and two thirds of the third year clerkship students. The 3rd year clinical students were divided between the Kingston Public Hospital (KPH) (one-third) and the UHWI (two-thirds). For the 5th year students in addition to UHWI, students were assigned to the peripheral teaching Hospitals including: KPH, the Cornwall Regional Hospital, the Mandeville Regional Hospital, the May Pen Hospital and the Spanish Town Hospital but problems with inadequate staffing continues to pose a challenge at all sites. The Associate Lecturers at the peripheral institutions, despite their busy clinical schedule, continue to do an excellent job in teaching the students. The feedback from the students at the peripheral teaching sites remains quite good. There is a need for more associates to be appointed due to the increased number of patients and the increased patient load in Internal Medicine which leaves inadequate time for teaching.

The teaching of the clinical clerkships consists of predominantly small group interactive teachings with an emphasis on patient centered and problem oriented learning. These include ward rounds, patient based and problem oriented teachings activities. In addition to the small group
bedside teaching there are scheduled teachings to students at the different sites on a daily basis. The topics for the daily teachings have been standardized.

The Introduction to Medical Practice (IMP 2) had a class size of over 320 students. There were problems with adequate space and staffing for the small group teaching activities, however, the clerkship was completed satisfactorily.

The increased number of students over the past two years doing the clinical examination created significant challenges with the need for an increased time to complete the clinical examination process and the increased personnel needed with an increase in expenditure. The November/December 2014 OSCE final examination was difficult to organize as we were unable to use the usual three medical wards for the examination due to the increased number of emergency patients requiring admission. One medical ward, the medical clinic and the surgery clinic were utilized. There were some problems with organization and there were hitches during the exam process. The main May/June (2015) MBBS final examination was conducted successfully and of the 255 students taking the Medicine examination 13 (5%) failed and 8 obtained Honors. A Mona student obtained the Medicine subject medal, having performed the best in the examination across all four campuses.

Postgraduate

The DM postgraduate programme in Medicine remains strong having trained specialists in Internal Medicine for Jamaica and the Caribbean for over forty years despite a lack of specific funding for the programme. The success of the programme has been highly dependent on the commitment of the staff to training DM postgraduate students.

A research project is a recent requirement in the third elective year. In general, the research has been beneficial but candidates frequently have challenges in the write up on schedule, as the completed project must be presented six months prior to sitting the final exit exam. Candidates are required to have an assessments completed by their supervisors each
semester. These assessments are required for their registration at the start of each semester. The candidates are also assessed monthly by their supervisor.

With the increasing number of undergraduate students in the MBBS programme there is an urgent need to increase the number of DM students in the Medicine programme but the UHWI is presently financially constrained to implement this increase. The DM students are paid by the UHWI and the number of posts are inadequate to cover the increased workload. Also, Government sponsored postgraduate students have diminished over the past two years. A major challenge for the DM graduate students is the significant increase in the number of emergency referrals on a daily basis at the UHWI. The number of emergency patients and the lack of resources to manage these patients are major problems that need urgent attention as this situation is adversely affecting teaching and learning.

There is a great need to train subspecialists and the Department is able to start Fellowship subspecialty training as qualified applicants are available in several areas. Nephrology Fellowship training has started and there has been four graduates. Approval has been obtained to start training in Cardiology, Gastroenterology and recently Infectious Disease. Fellowship training in Infectious Disease started in January 2014 with two Fellows; this in collaboration with the University of South Carolina. Proper training for Cardiology and Gastroenterology will require the provision of appropriate diagnostic equipment which has been grossly inadequate for routine use.

**RESEARCH**

Expansion of research in the Department which is relevant remains a priority. All members are encouraged and expected to do research and publish. The number of research projects have increased and although research output has been variable this has increased over the past two years.

The research laboratory in the Department has been non-functional and
in disrepair for many years but has been partially refurbished recently, however there is a need for equipment for the lab to become fully functional.

CONTINUING MEDICAL EDUCATION

The Department of Medicine is committed to offering continuing medical education to all physicians. The Department hosted a successful Cardiology week culminating in a Cardiology Symposium in February 2015. The theme was “Coronary Artery Disease and Congenital Heart Disease”. There was a visiting lecturer from the University of Toronto, Dr Alan Barolet who gave the keynote address on “Choosing patients for percutaneous coronary intervention”. There were also two visiting paediatric cardiologists; Professor Jane Summerville from the University of London who discussed “Grown-up congenital heart disease” and Dr Allan Magee, University of South Hampton, who presented “Catheter treatment of congenital heart disease”. The cardiology week activities also involved a talk by a staff member to employees at a major private corporation and a public wellness clinic and talks to patients.

The Department had two distinguished Lectures presented by, a) Professor Harrison Farber, Boston University, in September 2014 who spoke on Pulmonary Fibrosis and b) Professor Anthony Kaloo, Johns Hopkins University, in June 2015 who spoke on Endoscopic surgical procedures. The Department hosted an Infectious Disease Symposium in December 2014 with three presentations from visitors from the Infectious Disease Department of the University of South Carolina.

The annual summer review, at which staff members give a presentation in their field of expertise, was held in July 2015 was successful with increased attendance from students, residents, general practitioners and nurses.

INTERNATIONAL COLLABORATION

The Department has been in collaboration with the University of Toronto for Fellowship training in Cardiology. Several post-DM Fellows
have been trained and several others are in training. All trained Fellows have returned to the Caribbean.

There is collaboration with the University of South Carolina for Fellowship training in Infectious Disease. This started in January 2014 with two post–DM graduate students. The two Fellows have spent two months each at the University of South Carolina in clinical training from June to September 2014.

OUTREACH

The Department was active in several outreach projects. The Nephrology staff established renal clinics at the Mandeville Regional and St Ann’s Bay Hospitals. The Department was instrumental in establishing the renal dialysis unit at the Mandeville Regional Hospital and staff members continue to service the clinic and dialysis unit.

The Department has continued assistance with the Gastrointestinal Service at the Spanish Town Hospital. Gastroenterologists from the Department continue weekly consultations and procedure lists at Spanish Town Hospital. However, the equipment at the Spanish Town Hospital has been non-functional and awaiting repair.

A staff Cardiologist from the Department has a monthly Cardiology clinic at the St. Ann’s Bay Hospital.

The staff at CHARES participate in several outreach projects including testing, and counselling at different public events and monitor individuals with HIV infection in homeless people in Kingston.

Several members of staff are resource personnel on government and non-governmental organizations concerned with public health and charity. Other members of staff sit on various boards.

VISITORS TO THE DEPARTMENT

•  Professor Selim Benbadis, Professor of Neurology, Tampa, Florida. Presented a special lecture on epilepsy. July 2014
• Professor Harrison Farber, Professor of Medicine, Boston University. Presented a distinguished lecture on pulmonary hypertension. September 2014

• Dr Sharon Weissman, Programme Director Infectious Disease, University of South Carolina and Professor Helmut Albrecht, Head Infectious Disease, University of South Carolina discussed continuing collaboration with the Fellowship Programme in Infectious Disease which started at Mona in January 2014. December 2014. Presented at Infectious Disease Symposium December 2014

• Professor Alan Barolet, International Programme Director Cardiology, Director Post-Graduate Education in Cardiology, University of Toronto, Canada. Presented at the Cardiology Symposium – Choosing patients for PCI. Discussed continuation of Fellowship training for DM graduates in Cardiology. February 2015

• Professor Anthony Kalloo, Professor of Medicine, Director of Gastroenterology and Hepatology, Johns Hopkins University. Presented the Erick Cruickshank distinguished Lecture.

STAFF

A lecturer resigned and another lecturer took a two year leave of absence to pursue a research Fellowship in the USA. A senior lecturer retired in September 2014.

Refereed Journal Articles


• Y Dawkins, M Mills, T Murphy, B. Hanchard, MG Lee. Autoimmune
Hepatitis and Primary Sclerosing Cholangitis – Overlap Syndrome
Internet Journal of Gastroenterology. 2014;14 No.1 ISSN: 1528-8323

- K Galloway-Blake, M Reid, C Walters, J Jaggon, M G Lee. Clinical factors associated with morbidity and mortality in patients admitted with sickle cell disease. West Indian Medical Journal 2014;63 (7) DOI: 10.7727/wimj.2014.012
- T K McGhie, K DeCeulaer, CA Walters, A Soyibo, M G Lee. Vitamin D levels in Jamaican patients with systemic lupus erythematous Lupus. Published online 2014. DOI: 10.1177/0961203314528556

**Abstracts in Peer Reviewed Journal**

• D Reid, M Lee, M Mills, B Hanchard, MF Smikle. A review of autoimmune hepatitis at the University Hospital of the West Indies over a ten-year period. *West Indian Medical Journal*. 2014; 63 (Suppl 4): 23


• S Matthews, S Jarrett, G Barrow. A secret is not a secret if you tell somebody else”: exploration of factors affecting HIV disclosure in intimate relationships. *West Indian Medical Journal*. 2014; 63 (Suppl 4): 24

• G Barrow, N Palmer-Mitchell, EN Barton, MG Lee. A short-term project of routine, provider-initiated, HIV testing and counseling in the Department of Medicine, University Hospital of the West Indies: success and challenges. *West Indian Medical Journal*. 2014; 63 (Suppl 4): 25

• K King-Robinson, D Whittle, M Mills, B Hanchard, S Shah, MG Lee. Non-alcoholic fatty liver disease at the University Hospital of the West Indies. *West Indian Medical Journal*. 2014; 63 (Suppl 4): 38

• T Mason, M Verley, M Gossell-Williams, A Thorbourne, A Walcott-Mitchell, K Hoe, M Lee

• The evaluation of the changes in serum creatinine associated with intravenous administration of Gentamicin. *West Indian Medical Journal*. 2014; 63 (Suppl 4): 41
• R Gordon, V Elliott, R Edwards, J Williams-Johnson, M Hoo Sang, MG Lee. Reperfusion therapy at the University Hospital of the West Indies, Kingston, Jamaica, for patients with ST segment elevation myocardial infarction (STEMI) presenting to the Emergency Department. *West Indian Medical Journal.* 2014; 63 (Suppl 4): 41

• A Procope, J Campbell, M Gossell-Williams, V Elliott. An investigation into the association of age, gender, ethnicity, body mass index and concomitant medications on international normalized ratio levels in persons on warfarin therapy *West Indian Medical Journal.* 2014; 63 (Suppl 4): 42


• Lyle-Miller L, Ferguson TS, Wright-Pascoe R. “Factors Associated with Medical Non-Compliance among Patients with Type 2 Diabetes at the University Hospital of the West Indies. *West Indian Medical Journal.* 2015; 64 (Suppl 1): 36.


• KA Pate-Robinson, T Thompson, T Clarke, T Ferguson. The Chikungunya Outbreak in Jamaica: Clinical Features and Outcomes of Patients Seen at an Urban Hospital in September 2014. Abstract #53013 *Infectious Diseases society of America*
• KA Pate-Robinson, T Thompson, O Olugbuyi, K Swaby, P Robert. Prevalence and Outcome of Sepsis in Adults Admitted to a Tertiary Care Hospital in the West Indies from January 2010 to December 2014. Abstract #51179 Infectious Diseases society of America

• N Forbes, G Johnson, M A C. Frankson, K Johnston, I Martin, A Smith, K Mcconnell, R Sands, A Garrison, S Weissman, T Thompson, S Read, The HIV Continuum of Care in the Bahamas in 2012. Abstract #52461(Infectious Diseases society of America)


• R Wright-Pascoe. Managing Chronic Non-Communicable Disease during Sports. West Indian Medical J 2014; 63 (Suppl 1) 35.

• R Wright-Pascoe. Chairman’s Message to the University of the West Indies Faculty of Medical Sciences 22ND Annual Research Conference and Workshop on “Affairs of the Heart”. West Indian Medical Journal. 2014; 62(suppl.6) 2.


PRESENTATIONS

Dr. A. Soyibo


Professor R. Wright-Pascoe

• Inflammatory markers in Obesity. Annual Scientific Meeting of the
Caribbean Obesity Forum and Caribbean Society of Endoscopy Surgeons. 20–22, November 2014

- Earlier Treatment Intensification in Type II Diabetes. February 2015
- It’s not only about A1c: How a patient gets to goal is important. July 2015
- The Intervention to Prevent Development of Diabetes. January 2015
- Current Guidelines for the Management of Diabetes”. 29 June 2015
- Role of the Kidney in Diabetes Control”. 20 May 2015

Dr. Lisa Chin-Harty

- Poster Presentation at ENDO 2015 Conference – The Association between Early Life Factors and Cortisol Awakening Response in Adolescents. March 5-8

Dr. Amza Ali


Dr. Tamara Thompson

- Special considerations for women and HIV. 3rd CHART-CCAS-CMLF Joint Meeting (11th CCAS HIV/AIDS International Workshop)
- Exploring the need for a mixed methods approach to ascertaining antibiotic prescribing practices among Jamaican medical practitioners. Mixed Methods Research Caribbean Conference.

• Exploring the need for a mixed methods approach to ascertaining antibiotic prescribing practices among Jamaican medical practitioners. Mixed Methods Research Caribbean Conference, March, 2015

Dr. C. Collie
• Obstructive Sleep Apnea
• TVJ – “10 Minute to Your Health” on Smile Jamaica. May 2015
• Recommendations to sleep better – “10 Minutes to Your Health” on Smile Jamaica at TVJ. June 2015
• Role of Immunization in Adults with Emphasis on Pneumonococcal Vaccinations. June 2015

Dr. T Murphy
• Bowel Preparation in the patient with Renal Disease. Caribbean Institute of Nephrology’s Annual conference. 2015

Professor E Barton
• Screening for Kidney Disease. 7th Caribbean Institute of Nephrology Conference. 2015.
• Diabetes and Chronic Kidney Disease. March 2015

Dr. M Hoo Sang
• Hypertension- Applying the JNC 8 Guidelines. November 2014
• Current Guidelines for Management of Hypertension. June 2015

PUBLIC SERVICE & OUTREACH

Professor Michael Lee
– Member, Board of Executive, Food For the Poor
– Chair, Medical Committee, Food For the Poor
– Member, Medical Review Panel Ministry of Health. Jamaica
– Member, Board of the Heart Foundation of Jamaica
– Member, Health and Wellness Tourism Steering Committee, JAMPRO

Professor Everard Barton
– Renal clinic outreach Mandeville Regional Hospital and St. Ann’s Bay Hospital.
– Outreach services to develop renal care services in Tobago and public education on prevention of causative diseases.
– Working with CHEF (Caribbean Health and Education Foundation) to do a Caribbean wide screening for Kidney disease in the English speaking Islands/countries.
– Arranged with Global links for visiting teams of Healthcare professionals to work with local teams in surgery and medicine in Kingston, Manchester and St. Ann.
– Screening for Kidney Disease, Diabetes, hypertension, obesity and HIV among security force personnel, Jamaica
– Outreach programme re HIV working with Global Limited and Bridge for Life for aid to Jamaican Hospitals
– Obtaining from Global links (USA) dialysis material: fluid, chemicals and machines

Dr. A. K. Soyibo
– Outreach to Rural areas: Preventing Life style related disease.
– Renal clinic in two major government hospitals: Mandeville Regional Hospital and St. Ann’s Bay Hospital.
– Development of an Operational Policy manual and Haemodialysis Orientation Manual for University Hospital of the West Indies and satellite Units.
– Development of an Operational Policy manual and Haemodialysis Orientation Manual for Tobago

Dr. Lisa Hurlock
– Cardiologic evaluation Physician for swimmers for Jamaica

Professor R. Wright–Pascoe
– Chairman of the Jamaica National Committee on Non-Communicable Diseases, Ministry of Health
– Member of Council of the Medical Association of Jamaica.
– Chairman of the Board of Management of Central Medical Laboratories.
– Member of the Medical Tribunal Unit of the Medical Council of Jamaica.
– Co-chair the Medical Association of Jamaica’s 50th Anniversary Celebrating the MAJ Golden Jubilee.

Dr. C. Collie
– Chairman, Board of Directors, Pre-University School, Taylor Hall, UWI, Mona

C– hairman, Board of Directors, Ayrton Distributors Limited

Dr. M. Lawrence-Wright
– Treasurer – Caribbean Cardiac Society
– Member, Bustamante Hospital for Children Development Committee,

Dr. G. Barrow
– Consultancy for UNICEF
– Consultant services for the Elimination of mother to child transmission of HIV and Syphilis.
– Ministry of Health, technical support to National HIV/STI Programme as the Director for the Treatment Care
– Member of the Monitoring and Evaluation Reference Group, National HIV/STI Programme.

– Member of the Academic Sub-Committee of the National AIDS Committee.

– Member of the Civil Society Forum of Jamaica.

– Member of the “Most At Risk Population” Technical Working Group, National HIV/STI Programme.

Dr. T. Clarke
– Medical Director for the Racers (Usain Bolt’s) Running Club

Member of the Medical Committee for the JAAA January

Dr A. Ali
– Chair, Caribbean taskforce of the North American Regional Commission on Epilepsy

– Chair of Taskforce for the biennial North American Regional Caribbean Congress on Epilepsy

– Member, International Affairs Commission of the American Epilepsy Society (AES).

Dr. K. Maloney
– Vice president Lupus foundation of Jamaica July2012 to present

Dr. F. Gayle
– Jamaica National Health Fund Medical Expert Panel

Dr Paul Scott
– Vice-Chairman finance committee Church of the Ascension, Mona

– Youth Co-coordinator, Church of the Ascension, Mona

– Summer Retreat for youths via Anglican Youth Fellowship, Church of the Ascension, Mona

– Local industry monitoring of lung function in workers in keeping with International Labour Organization (ILO) standards
AWARDS

– Professor E Barton – The Sir Phillip Distinguished Award for Pioneering Service in Nephrology and Dialysis
– Dr Althea East Innis – awarded the FRCPC, Edinburgh
WORK OF THE DEPARTMENT

ISO accreditation

The Department applied for ISO accreditation through Jamaica National Agency for Accreditation (JANAAC) and awaits assessment. Professor Smikle, the Quality Manager received the document review report and addressed some non-conformances cited in the Management Requirements Documentation. The Technical Requirements were considered acceptable for the most part.

Pitfalls include financing of laboratory tests for which accreditation is being sought and the hiring of a Quality Manager which has been an outstanding request for many years.
National Influenza

The NIC Jamaica under the Directorship of Dr Sandra Jackson participated through the sponsorship of PAHO in the Severe Acute Respiratory Infection (SARI) Surveillance in the Americas (SARInet) meeting which was held in Mexico, April 2015. This meeting was attended by the countries of the Latin America and the Caribbean. The NIC Jamaica presented findings in collaboration with the Jamaica Ministry of Health (MOH) on influenza activity in Jamaica for the year 2014. The fact that the NIC Jamaica and the MOH represented Jamaica as one of the first Caribbean countries to participate in the launch of the new FluID real time reporting platform PAHO was highlighted. The NIC Jamaica participated successfully with 184 laboratories from 144 countries in six WHO regions in the 14th WHO External Quality Assessment Programme for the Detection of Influenza Virus Type A by PCR in June 2015. In keeping with sustainability and capacity building of the NIC, training of Microbiology Medical Technologists and a Laboratory Assistant was successfully completed at the Caribbean Public Health Agency, with the support of the PAHO. The NIC continues to collaborate with the PAHO on weekly publication on Influenza and Other Respiratory Viruses, with the MOH Jamaica on the Weekly Surveillance Bulletin, the CDC and the WHO.

Antibiotic Guidelines

A multidisciplinary team (UWI/UHWI/MOH) under the leadership of Dr Alison Nicholson and which included Dr Camille-Ann Thomps-Rodriguez worked on development of antibiotic guidelines for the University Hospital of the West Indies. This will form the template for similar guidelines to be used in hospitals across Jamaica. The project is supported by a grant from the National Health Fund.

Infection control training video

The Infection Control Committee of the University Hospital of the West Indies which is chaired by Dr Alison Nicholson developed a
training video for the control of healthcare associated infections in Jamaican hospital settings.

**World Sepsis Day (WSD) Planning Committee (Jamaica)**

September is sepsis awareness month and World Sepsis Day is celebrated on September 13 every year since 2012. Dr Niranjan Kissoon, Vice-Chairman, Global Sepsis Alliance (GSA) and Professor at the University of British Columbia (Canada) invited the wider UWI community in January 2015 to join in the global fight against sepsis. The Department of Microbiology led by Dr Ivan Vickers became the focal point for the World Sepsis Day Planning Committee (Jamaica) – an interdepartmental and multidisciplinary team. The mandate of the local WSD Planning Committee is to STOP SEPSIS and SAVE LIVES by raising public awareness, advocating political support and educating healthcare professionals on early recognition and early resuscitation. Sepsis awareness documents were disseminated to the Ministry of Health, Medical Association of Jamaica, Nurses Association of Jamaica and Pan American Health Organization, among others. A webinar entitled “Sepsis: A Neglected Global Killer” was held on June 4.

**SURVEILLANCE REPORTS**

The Department of Microbiology continued to submit the following monthly reports to the Ministry of Health.

1. General Virology Report
2. Bacteriology Report
3. Dengue Report
4. Chikungunya Report
5. HIV Report
RESEARCH

International Network of SUE Caribe – University of the West Indies
Caribbean Researchers

Ms Nicole Christian and Dr Camille-Ann Thoms-Rodriguez along with six researchers from the Faculty of Medicine at the University of Cartagena (Dr. Doris Gomez, Dr. Claudio Gomez, Dr. Margarita Ochoa Diaz, Dr. Ronald Maestre, Dr. Jose Pomares, Dr. Javier Bahema, Dr. Angelo Alario Dr. Enrique Mazenett) continued the collaborative work on genetic basis of antibiotic resistance in selected bacteria.

Dr Thoms-Rodriguez gave the keynote address Carbapenem Resistance in Pseudomonas aeruginosa and the Emergence of Novel Mechanisms of Carbapenem Resistance at the Third International Symposium on Tropical Medicine and the second meeting of the International Network of Caribbean Researchers (Sue Caribe) held in Cartagena, Colombia, September 1–5, 2014.

• Collaboration with University College, London and Medical University, Vienna

The department continued our collaboration with University College London’s Centre for Clinical Microbiology with the visit of Mr Simon Westby who continued on the project of molecular epidemiology of zoonotic parasites in dogs and humans. This supplemented the work of Dr John Lindo whose continued collaborative research with the Medical University of Vienna has started to bear fruit although progress was hampered due to lack of access to DNA sequencing at UWI.

• Collaboration with Case Western Reserve University

Dr Alison Nicholson and Dr Altreisha Foster-Benthal (UWI/Case Western Reserve University) continued their collaborative research on pneumococcal vaccine coverage in paediatric and adult populations in the Caribbean. The project successfully completed sampling in Jamaica and in Trinidad and samples were being serotyped at the time of writing.
• **Multicentre research collaboration on HIV pathogenesis**

Dr Joshua Anzinger established collaborative studies on HIV pathogenesis with Rush University (Chicago), Albert Einstein College of Medicine and the Brunet Institute. As part of the research collaboration Professor Alan Landay visited the department in order to establish the programme of research which underpins the collaboration.

• **Collaboration with SUNY, Buffalo and Ministry of Health Jamaica**

Following on the signing of a collaborative agreement between the Vice Chancellor UWI and the President of the State University of New York (SUNY) an infectious diseases research and training grant application was drafted by Professor Gene Morse (SUNY at Buffalo) and Professor Lindo as co-PIs for submission to Fogarty, NIH. This would allow mobility of research students between UWI and Buffalo. Further, the Minister of Health, Jamaica and Professor Lindo visited Buffalo where the commitment was given for a tripartite collaboration (UWI/MOH/SUNY) to set up the Jamaica Center for Infectious Diseases Research (JCIDR).

**POSTGRADUATE TRAINING**

The department has the following postgraduate students on register:

- MSc – 12
- MPhil – 3
- PhD – 2
- DM – 5

**INCOME GENERATION/GRANTS**

Efforts to generate income from the laboratories continue to fail as the services are underfinanced and cannot be offered on a consistent basis.
Grants


PUBLIC SERVICE

Professor John Lindo
- Member, Rotary Club of New Kingston

Dr Sandra Jackson
- Member of the Ministry of Health’s IHR Technical Advisory Group of Experts
- Member, Pandemic Preparedness Committee
- Member, American Biological Safety Association

Professor Monica Smikle
- Member of Lions Club of Mona

PAPERS PRESENTED

- R Goffe, K Nelson, L Benjamin-Johnson, AM Nicholson, C Thoms-Rodriguez. Microbe alert! Old foes or new pathogens? *W Indian Med J* 2014; 63 (Suppl. 4) page 40 at the 23rd Annual Faculty of Medical Sciences (FMS) Research Conference and Workshop on Evidence-based Practice – Bridging the Gap between the Bench, Bed and Beyond; November 2014)

- C Thoms-Rodriguez, J Edwards, AM Nicholson. Microbiology sample rejection rates in the pre-analytical stage at the University Hospital of the West Indies for 2014. *W Indian Med J* 2014; 63 (Suppl. 4) page 46. (POSTER PRESENTATION at the 23rd Annual Faculty of Medical Sciences (FMS) Research Conference and Workshop on Evidence-based Practice – Bridging the Gap between the Bench, Bed and Beyond; November 2014)
• P. Ward, AM Nicholson, C Thoms Rodriguez. The prevalence and trends of methicillin-resistant Staphylococcus aureus at the University Hospital of the West Indies from January to December 2013. *W Indian Med J* 2014; 63 (Suppl. 4) page 50. (POSTER PRESENTATION at the 23rd Annual Faculty of Medical Sciences (FMS) Research Conference and Workshop on Evidence-based Practice – Bridging the Gap between the Bench, Bed and Beyond; November 2014)


• Thoms-Rodriguez C, Mah-Lee R A, Roye-Green K, Nicholson AM. Epidemiological and bacteriological trends in diabetic foot infections over a ten-year period at the University Hospital of the West Indies. 23 Annual Research Conference and Workshop, Faculty of Medical Sciences, 2014, Mona, Jamaica.


• Bruce-Mowatt A, Smikle M, Roye-Green K. Prevalence of high – level aminoglycoside resistance in Enterococci recovered from clinical specimen at the University Hospital of the West Indies. 23 Annual Research Conference and Workshop, Faculty of Medical Sciences, 2014, Mona, Jamaica.


**PUBLICATIONS**


DEPARTMENT OF OBSTETRICS & GYNAECOLOGY

WORK OF THE DEPARTMENT

Department continues to make great strides in teaching and research and service activities. Following on our successful inaugural new format MBBS Clinical examinations (OSCE) across all four campuses in May/June 2014, we continued our successes in the November 2014 and May/June 2015 MBBS Examinations. We started new format examinations in the DM Examinations in December 2014 and this, along with the subsequent examinations in May/June 2015 were successful. Our Associate Lecturers from our affiliate accredited hospitals of Cornwall Regional Hospital, Mandeville Regional Hospital, Spanish Town Hospital and Victoria Jubilee Hospital and The May Pen Hospital continue to give indispensible support to the department as the numbers of undergraduate students continue to grow. Our services include general Obstetrics and Gynaecology, Reproductive endocrinology, Gynaecological Oncology, Perinatal services and Assisted Reproduction.
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 the annual conference in February of each year is run by the High Risk Obstetric team in collaboration with the Neonatologists and Neonatal Pathologists.

The Labour Ward and Postnatal Services are supervised by Drs. Leslie Samuels and Cathy Maddan who also teach undergraduate and postgraduate students as well as midwives in training.

We launched the first clinical Fellowship Programme in Materno-Fetal Medicine & Emergency Obstetrics in July 2015 with three (3) Fellows. The primary thrust of this fellowship programme is to train persons to lead High Risk Obstetric Teams & High Dependency Units across Jamaica.

ONCOLOGY UNIT

Dr. Taylor and Dr. Bambury are the two trained gynaecological Oncologists in the department and together with Dr. Rattray and Dr. Mitchell, form the Gynaecological Oncology Team. They are assisted by Sister Murdoch and her team of nurses as well as administrative secretary, Miss Thompson. Residents rotate through the unit spending two months in the Colposcopy and 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 in following patients post surgery, post chemotherapy and radiation therapy. The Unit also has facilities for teaching both undergraduate and postgraduate students. A new Fellowship Programme in Gynaecological Oncology is in development.
FERTILITY MANAGEMENT UNIT

Professor Joseph Frederick is the director of the Unit with Drs. Shaun Wynter, Vernon DaCosta, John Harriott, Loxley Christie and Sharifa Frederick as clinicians and Dr. Audrey Pottinger and Sister McKenzie as counselors. Two other staff members in the programme are 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.

The official opening of the renovated Hugh Wynter Fertility Management Unit took place in November 2013. This state of the art building is now fully functional. It houses two operating suites equipped with a surgical robot, a lecture theatre and new in vitro fertilisation laboratories. This new unit will have facilities for video conferencing allowing for the transmission of live surgical procedures other campuses in the Caribbean.

INTERNATIONAL VISITORS TO THE DEPARTMENT

1) Professor Ray Bahado-Singh. External examiner May/June 2014
2) Dr Karolynn Echols – Urogynaecologist
3) Dr Kevin Hayes, External Examiner December 2014, Workshop on Item Writing

PAPERS PRESENTED


• **Fletcher, H.** “Upper Female Genital Tract Infections.” Obstetrics And Gynaecology Conference, Trinidad Hilton, Port-of-Spain, June 5, 2015.

• **Fletcher, H.** “Reducing Gynaecological Malignancies in the Caribbean.” 60th Annual CARPHA Conference, St. Georges University, St Georges, Grenada June 25–27, 2015.

• **Fletcher, H.** “Cervical Cancer and Gestational Diabetes In Jamaica.” Caribbean College of Family Physicians (Jamaica Chapter) Scientific Workshop on Evidence based Guidelines in Screening and Disease Prevention, Kingston, Jamaica, July 26, 2015.


• **Wynter, S.** “Ethical, Medico-legal and Regulatory Issues in ART.” HWFMU Annual Workshop supported by Ferring, UWI Mona, June 13, 2015.
PUBLICATIONS

Referred Journal Articles


INCOME GENERATION

Horace Fletcher

– 2015 Prevention of Mother and Child Mortality, 1 Million Euro

Dr. Donnette Simms-Stewart

– Twin Birth Study – US$ 60,000
– FACT trial – US$10,000

AWARDS

Professor Horace Fletcher

1 Elected first President of the Caribbean Gynecologic Cancer Society, In Appreciation for his leadership in the treatment of women with Gynecologic Cancer, Bridgetown, Barbados, February 6, 2015.

2 CARPHA award for Outstanding contribution in the area of Obstetrics and Gynaecology Research, CARPHA Conference, St Georges University, St Georges, Grenada, June 27 2015.

Dr. Tiffany Hunter Greaves

Fellowship certificate received – University of Toronto – Maternal Fetal Medicine

PUBLIC SERVICE

Professor Horace Fletcher

– President, Cornwall College Old Boys Kingston Chapter
– Member, University Hospital Board
– Member, Medical Council of Jamaica
– Member, Ministry of Health Task Force to examine Doctors working Hours
– Member, Tony Thwaites Wing Risk Management Committee
– Chairman of The University Hospital Procurement Committee
– President of the Caribbean Gynecologic Cancer Society
– Peer Reviewer for the following journals:
  *British Journal of Medicine and Medical Research,*
  *Journal of Obstetrics and Gynaecology,*
  *International Journal of Obstetrics and Gynecology; and*
  *West Indian Medical Journal.*

**Dr. Tiffany Hunter Greaves**
– Member, PROMAC Committee

**Dr. S Kulkarni**
– Member, Jamaica MOH Maternal Mortality Audit Committee
– Member, Jamaica MOH Patient Affairs Audit Committee

**Dr. Carole Rattray**
– Vice President, the Caribbean Gynecologic Cancer Society
– Chairman, Ministry of Health Maternal Mortality Committee

**Dr. Donnette Simms-Stewart**
– Vice President, American College of Obstetrics and Gynaecology, Section 4, West Indies Chapter
– Vice Chairman, ACOG, West Indies Section

**STUDENT AWARDS/PRIZES**

Abigail Morris – MBBS Medal in Obstetrics & Gynaecology, June 2015
The Department of Pathology has a staff complement of approximately 100 persons comprising Professors, Senior Lecturers, Lecturers, Associate Lecturers, and other categories of staff comprising medical and laboratory technologists, miscellaneous administrative, secretarial and clerical staff, research nurse, medical photographers, laboratory attendants, and office attendants.

The Department’s core work involves teaching, research and service and is carried out through the various subdepartments, namely, Anatomical Pathology (Autopsy, Cytogenetics, Cytology, Histology, Immunohistochemistry), Chemical Pathology and Haematology (Blood Bank, Flow Cytometry and Routine Haematology).

The Department tries its best to supplement the limited UGC budget allocated through income generation efforts which mainly comprise outpatient fees. This still limits our ability to function as the majority of our fees are due from in-patients and this is not collected by UWI.
WORK OF THE DEPARTMENT

Laboratories and Autopsy Service

Due to financial constraints reagents and other important supplies are constantly not available, and this hampers the ability to earn revenue from laboratory services.

However, the laboratories and autopsy services continued to provide support for the care of in- and outpatients of the UHWI, as well as to patients from other medical facilities and institutions in Jamaica and the region.

The Histopathology Laboratory accessioned and processed 5,786 surgical cases which generated 29,352 tests (including routine histology and immunohistochemical requests). The Cytology Laboratory processed 3365 pap smears and 820 non-gynaecological cases. A total of 208 autopsies were performed, including 28 perinatal autopsies. The Chemical Pathology Laboratory performed a total of 610,194 tests while Routine Haematology Laboratory received and processed 71,920 specimens. The Blood Bank processed 3,872 blood donors and performed 23,876 tests.

Histology Lab – Introduction of New Technique

Ms Joyce Sterling, Medical Technologist, attended the 40th Annual National Society for Histotechnology Symposium/Convention, Austin, Texas, USA, August 2014, where she learnt a Frozen technique (Sandwich Method). The technique yields better quality sections and produces faster results which will allow for quicker turnaround time and greater efficiency. The technique has been taught to other Medical Technologists in the Histology Section and is to be included in the SOP manual as the method of choice for Frozen sections.

Laboratory Information System

Laboratory Information System (LIS) went live in February 2015 with three labs (Blood Bank, Haematology and Chemical Pathology) almost
fully utilizing the system while the other two (Histology and Cytology) are working on improving access to the system.

**Accreditation**

The process for accreditation of our laboratories continues but not without encumbrances. The preparation for accreditation of the laboratories in the Department of Pathology [from the Jamaica National Agency for Accreditation (JANAAC)] has been negatively impacted over the years due to the absence of an appointed quality manager and support from UWI management.

Mrs. Julene Smith-Valentine, Senior Medical Technologist in the Sub-Department of Haematology has been assisting with the preparation of documents such as the Quality and Safety Manuals. These documents are presently being reviewed. Application for accreditation is expected to be made by December 2015. Without accreditation we are unable to attract international collaborators on research projects.

**TEACHING & LEARNING**

**Undergraduate Programmes**

The Department continued to be very heavily involved in the teaching of all aspects and sub-specialties of Pathology in both Stages I and II of the MBBS programme. There were a record number of Elective students who came to the Department during their training.

**Graduate Programmes**

The DM Programmes in Pathology continue to be attractive necessitating a cap on enrollment with Anatomical Pathology having 17 enrolled. Five residents successfully completed the programmes and others are progressing well.

The DM Programme in Haematology/Oncology has twelve registered candidates while the DM in Chemical Pathology has one trainee.
Chemical Pathology introduced a PhD and a Master’s programme.

Several members of staff were involved in the supervision and teaching of MPhil, MSc and PhD candidates.

RESEARCH & INNOVATION

Jamaica Cancer Registry

The registration of cancers continues, but has been hampered by the decrease in complement of registrars from two to one, as the post which became vacant in January 2014. Efforts are being made to employ a new registrar.

International Agency for Research on Cancer (IARC) commitments

The International Agency for Research on Cancer (IARC) has invited cancer registries to submit incidence data for the eleventh volume of “Cancer Incidence in Five Continents”, which will cover the 5-year period 2008–2012, and the registry has been verifying and compiling the necessary data for this submission.

The data verification process for our 2008–2012 cases will also facilitate the compilation of the 2008–2012 5-year incidence report for submission to the West Indian Medical Journal.

Research

The JCR continues to support the Elective programme in the undergraduate M.B., B.S. curriculum, accommodating medical students, who participate in supervised research projects. The projects completed during the period August 1, 2014–July 31, 2015, are listed below, along with the names of the participating students:

- **October 2014**
  
Medical students: Zachary Banbury, Brittany Bromfield & Kory Jaggon

- **November 2014**
  
  
  Medical students: Michael Basir and Julian Dunkley

- **March 2015**
  
  Demographic patterns of follicular and papillary carcinoma and their association with thyroiditis in Kingston and St. Andrew, Jamaica. 1993–2007.
  
  Medical students: Koy Bailey, Soyini Jackson & Racquel Shaw

- **May/June 2015**
  
  
  Medical student: Rojae Hazel

In keeping with tradition, the Registry continued to provide information on cancers to members of the medical community and the Ministry of Health, and to assist in various research projects and guide health care planning.

**Cytogenetics Laboratory**

For most of the period under review, the services of the Cytogenetics Laboratory were suspended, due to the absence of its sole technologist, Ms. Loraine Gardner, who was on a course of study in the United Kingdom.

Ms. Gardner has now returned, and the laboratory resumed operation in May 2015. During the period May 2015–July 31, 2015, the laboratory performed routine karyotyping on six (6) samples of peripheral venous blood.

It is expected that validation procedures for fluorescence in situ
hybridization (FISH) and for karyotyping on bone marrow, solid tissue (including solid tumours) and amniotic fluid samples, will commence at the end of 2015, and the laboratory should begin processing samples for these new tests in early 2016.

INITIATIVES/ACTIVITIES

- Sick Kids Caribbean initiative continues with establishment of the registry for enrolling new cases of cancer in children.
- NNHF activity: Haemophilia training workshop held to train nurses, physiotherapists, technologists and physicians in the care of persons with Haemophilia. This initiative was done in collaboration with Sick Kids Hospital in Toronto – November 2014. This project continues with its goals of: 1. Developing the Haemophilia registry and 2. Expanding the diagnostic capability of the Haematology laboratory and 3. Enhancing advocacy
- Staff pursuing a course in Bioethics Research conducted by Union College, New York – started April 2015
- HTLVI project continues to do research in the care of patients with ATLL

PhD Candidate

Doctoral candidate and Chief Medical Technologist, Histology Section, Sharon Harrison, was conferred her degree in July 2015 following acceptance of submission and completion of research entitled “The Detection of all High-Risk Human Papillomavirus DNA in Archival Formalin-Fixed Paraffin-Embedded Cervical and Head and Neck Squamous Cell Carcinoma Tissue using Immunohistochemistry and Polymerase Chain Reaction”. Principal supervisor for her PhD research project was Professor Carlos Escoffery.

Research Fellowship

Dr Rory Thompson who was awarded a fellowship position at the
Toronto General Hospital, with the assistance of the Dean’s Office, Faculty of Medical Science, has completed his training and is to assume the role of Consultant in the 2015/2016 academic year.

PAPERS PRESENTED AT CONFERENCES AND SEMINARS

Poster presentations

• Chin SN et al “Locally Advanced Breast Cancer in a Jamaican population: disease characteristics and response to neoadjuvant chemotherapy”, Faculty of Medical Sciences Research Day, University of the West Indies, Mona, February 2015

• Chin SN et al “Breast cancer receptor profiles in Jamaica: a 6-year analysis”, Faculty of Medical Sciences Research Day, University of the West Indies, Mona, February 2015


Presentations


• Gibson TN. “Registries and their role in research”. Faculty of Medical Sciences Annual Research Conference and Workshop, Kingston, Jamaica, November 2014


• Bishop K, Hanchard B, Claire A. “HTLV-1 infection in children”
30th International Congress of the International Academy of Pathology, Bangkok, Thailand, October 5–11, 2014

- **Bishop K**, Lewis E. “Perinatal Pathology Report January – December 2014” 14th Annual Perinatal Conference, Faculty of Medical Sciences, University of the West Indies, Mona, February 21–22, 2015

- **Bishop K.** “Perinatal Pathology Report January – December 2014: Analysis of Data” 14th Annual Perinatal Conference, Faculty of Medical Sciences, University of the West Indies, Mona, February 21–22, 2015

**PUBLICATIONS**

**Books & Monographs**


**Refereed Journal Articles**


**Refereed Journal Abstracts**


**PUBLIC SERVICE**

**Dr. D. McGrowder**
- President, Jamaican Association of Clinical Pathologists
- Vice President, Laboratory Association of Jamaica.
- Member, Accreditation Evaluation Committee, Jamaica National Agency for Accreditation (JANAAC)

**Professor B. Hanchard**
- Member, Board of Directors, Jamaica Cancer Society
- Cytopathology Consultant, Jamaica Cancer Society
Dr K Bishop
– Cytopathology Consultant, Jamaica Cancer Society

Dr M Bromfield
– Cytopathology Consultant, Jamaica Cancer Society

Professor C Escoffery
– Cytopathology Consultant, Jamaica Cancer Society

Dr T Gibson
– Cytopathology Consultant, Jamaica Cancer Society

Dr L Dilworth
– Member, UHWI Ebola Preparedness and Response Committee
– Member, University Council of Jamaica, Evaluation and Accreditation team responsible for re-evaluating the BSc Biochemistry course offered by the Northern Caribbean University for reaccreditation

Dr S Chin
– Treasurer, Association of Consultant Physicians of Jamaica
– Member, American Society of Clinical Oncology
– Member, Caribbean Association of Oncology and Haematology
– Member, Medical Association of Jamaica
– Journal Review Committee – *Gynecologic Oncology* and West Indian Medical Journal

**INCOME GENERATION**

A total of $47,937,707.24 was earned with the large majority of that amount being out-patient and Tony Thwaites Wing patient fees. Other income were:

- Contribution to Consultation Fund from private cases
• Caribbean Public Health Agency (CARPHA) grant for immunohistochemistry in acute promyelocytic leukemia (APL)
• Novo Nordisk Haemophilia Foundation (NNHF) Grant

DISTINGUISHED VISITOR TO THE DEPARTMENT

• Dr. Alfredo E. Walker, Forensic Pathologist, Ottawa Hospital, Ontario, Canada
• Dr Paul Manley, Department of Pathology & Molecular Medicine, Queen’s University, Ontario, Canada
• Dr. Stephen Morley, Toxicology Unit, Leicester Royal Infirmary, Leicester, England
• Dr Joseph Willis, Department of Pathology, Case Medical Center, Case Western University, Ohio, USA

AWARDS

Students – Undergraduate

• Janelle-Cheri Millen – Pathology/Microbiology Medal – Best Overall Performer
• Janelle-Cheri Millen – Professor Stanley Brooks Book Prize – Best Overall Performer (Pathology)
WORK IN THE DEPARTMENT

The Department of Surgery, Radiology, Anaesthesia and Intensive Care (SURRADIC) is the largest clinical department in the Faculty of Medical Sciences. Specialists in various medical disciplines oversee Doctor of Medicine postgraduate programmes in General Surgery, Orthopaedics, Neurosurgery, Urology, Paediatric Surgery, Cardiothoracic Surgery, Ophthalmology, Otorhinolaryngology, Radiology, Anaesthesia and Emergency Medicine. Academic Staff members serve as mentors to physicians and surgeons in training and also lecture to students enrolled in nursing, physiotherapy and pre-hospital emergency health care.

During the 2014–2015 academic year, over 1200 undergraduate and post graduate students rotated through the Department receiving varying
degrees of instruction. There has been a general move to widen the clinical experience of medical students by increasing the number of government hospitals offering undergraduate clinical clerkships. The St Ann’s Bay and Spanish Town Hospitals are now undergraduate clinical sites for academic surgery instruction. The number of Overseas Elective students continue to increase with the surgical specialties being the most popular choice for elective students. These elective students generally are integrated into clerkships which usually extend over a 5 or 10-week period. Elective students now hail from France, China, Germany, United Kingdom, United States of America and from other Caribbean islands.

The Pre Hospital Emergency Medical Service (PHEMS) programme will submit its completed BSc in Paramedic Medicine Degree curriculum to the Board of Undergraduate Studies for approval in 2015, after which it is anticipated that the first candidates to be trained will be selected. This programme falls under the direction of Dr. Shuvra Dasgupta newly appointed Lecturer and Consultant in Emergency Medicine. Mr Ryan Rufus will complete training towards a BSc Paramedic Degree in 2016 and will be a critical resource person working along with Dr Dasgupta in this degree programme.

The Department hosted in July 2015, the 14th JMMB Group and Joan Duncan Foundation sponsored, William Dennis Memorial Lecture. The Lecture was chaired by Professor Barrie Hanchard and was delivered by Tracy Robinson, Senior Lecturer in the Faculty of Law, UWI, Mona. Ms. Robinson is a member of the Inter-American Commission on Human Rights. Ms. Robinson lecture was entitled, “Human Rights, Health and the Medical Profession in the Twenty-First Century: Human Rights as a Bedrock for Patient Care”.

The 13th staging of the Caribbean Neurosciences Symposium and Charity Golf Tournament was held in January 2015 at the Montego Bay Convention Centre and Half Moon Hotel and Resort. This conference again was the result of the collaborative efforts of Dr. Carl Bruce and Professor Ivor Crandon. The funds garnered from this conference were used to purchase a video laryngoscope which will be handed over to the Section of Anaesthesia in November 2015.
The Section of Anaesthesia & Intensive Care, as part of its continuing education programme conducted a workshop in April 2015 under the theme, “Ultrasound-guided Regional Anaesthesia, Pain Management & Vascular Access”. Participants included Consultants and Residents in Anaesthesia, Orthopaedic Surgery, Accident & Emergency Medicine and General Surgery drawn from the English speaking Caribbean. The Section of Anaesthesia also staged its Annual Residents’ Symposium under the theme “End Stage Renal Disease (ESRD): The Current Challenge, the Future Outlook”.

DEPARTMENTAL STAFF MOVEMENTS

Promotions

Dr. Annette Crawford-Sykes – Senior Lecturer
Dr. Belinda Morrison – Lecturer Above Bar
Dr. Shuvra Dasgupta – Lecturer To Bar
Dr. Wayne Palmer – Lecturer Above Bar

Employee Development

• Masters in Epidemiology
  Dr. Patrick Roberts – Completed
  Dr. Leo-Paul Powell – Enrolled
  Dr. Wayne Palmer – Enrolled
• Phd
  Dr. Belinda Morrison - Commenced April 2015 with TMRI
• TMRI Fellowship
  Dr. Deanne Soares
• Fellowship
  Dr. Peter Johnson – Neuro-intervention: Schulich School of Medicine and Dentistry, Western University, Ontario, Canada
The Department maintains three Academic Research Registries:

1. **The Trauma Registry**
   Of over 19,100 records which continues to provide ample research material for injury related studies.

2. **The Intracranial Tumour Registry**
   Consisting to date of over 800 patient records, utilising the software CNExT. This is a collaborative effort between the Neurosurgery Service in the Section of Surgery, the Section of Radiology and the Department of Pathology. This Registry is funded through the Principal’s Fellowship Initiative. The aim is to create a radio-clinico-pathological database of intracranial tumours.

3. **The Colorectal Cancer Registry**
   This registry maintains a data base on all cases of colorectal cancer sourced from major health facilities across Jamaica. This data allows for evidence-based research in the diagnosis and treatment of colon cancer. To date over 960 cases have been recorded.

**PAPERS PRESENTED**

**Major conferences / seminars**

- **L Mowatt**, “Non Organic Visual Loss”, Caribbean Neurosciences Symposium (CANS), Montego Bay Conference Center, Jamaica, Feb 1, 2015


• D Swaby, “Penetrating Keratoplasty” Ophthalmological Society of Jamaica (OSJ) Symposium, Jamaica Pegasus, Kingston, March 22, 2015

• T Foster, L Mowatt, “Impact of Visual Impairment on the Quality of Life of Diabetics (UHWI)” Ophthalmological Society of Jamaica (OSJ) Symposium, Jamaica Pegasus, Kingston, March 22, 2015


• L Mowatt, “Common Paediatric Eye Emergencies”, Paediatric Association of Jamaica Conference, FMS Complex, UWI, April 18, 2015

• L Mowatt, “Optical Coherence Tomography, What is on the Horizon” Ophthalmological Society of the West Indies, (OSWI) Santa Barbara Beach Resort, Curaçao, July 8–11, 2015

• L Mowatt, “DM Ophthalmology – 10 years Strong” Ophthalmological Society of the West Indies, (OSWI), Santa Barbara Beach Resort Curaçao, July 8–11, 2015

• G Crossman, “UWI Ophthalmology Residency Program: A Resident’s Perspective” Ophthalmological Society of the West Indies, (OSWI), Santa Barbara Beach Resort Curaçao, July 8–11, 2015

• S Peart, L Mowatt, “Efficiency of Patient Flow in the Ophthalmic Theatre at the University Hospital of the West Indies “Ophthalmological
Society of the West Indies, (OSWI), Santa Barbara Beach Resort Curacao July 8–11, 2015

- **D Richardson, A Mattis.** “Progressive Outer Retinal Necrosis in an AIDS patient” Ophthalmological Society of the West Indies, (OSWI), Santa Barbara Beach Resort Curacao, July 8–11, 2015

- **G Crossman,** “Atypical Presentation of Optic Neuritis in an Adult” Ophthalmological Society of the West Indies, (OSWI), Santa Barbara Beach Resort Curacao, July 8–11, 2015

- **V Jordan, A Ramsay, C Green.** Frozen Stares.” A Case of Bilateral Orbital Apex Syndrome” Ophthalmological Society of the West Indies, (OSWI), Santa Barbara Beach Resort Curacao July 8–11, 2015

- **B Morrison** “Who gets prostate cancer” Jamaica Cancer Society Annual Prostate Cancer Public Forum, September 21, 2014

- **B Morrison** “Testosterone Treatment” Barbados Association of Medical Practitioners (BAMP) Annual Symposium, November 15, 2014


- **B Morrison** “Androgen Deprivation Therapy and Prostate Cancer” Caribbean Association of Neurosurgeons (CANS), January 31, 2015

- **B Morrison** “Common Urological Conditions in Family Medicine” Jamaica Urological Society Annual Symposium, February 22, 2015

- **B Morrison** “Cancers in Jamaica: 60 years and beyond” Jamaica Cancer Society’s 60th Anniversary Lecture, April 20, 2015

- **B Morrison** “Testosterone treatment – is it a hype” Association of Surgeons of Jamaica Annual Conference”, Jamaica Pegasus Hotel, May 23, 2015

- **B Morrison** “Prostate Cancer – a case report” Medical Association of Jamaica Annual Conference, Jamaica Pegasus Hotel, June 12, 2015
• B Morrison “Erectile Dysfunction: A Pointed Urologist’s Approach” Percy Junior Hospital Inaugural Conference, Northern Caribbean University, June 29, 2015
• W Aiken, “Screening and Diagnosis of Prostate Cancer” Jamaica Cancer Society Annual Prostate Cancer Public Forum, September 21, 2014
• W Aiken “Updates on Prostate Cancer” Association of Surgeons of Jamaica Annual Conference Jamaica Pegasus Hotel, May 23, 2015
• W Aiken “Evidence-based guidelines in Screening and Disease Prevention” Caribbean College of Family Physicians, Jamaica Pegasus Hotel, July 26, 2015
• P. Jason Toppin.” Review of Resuscitation Fluids in Critical Care”, CANS, Jan 2015
• R. Johnson, H. Harding. “Anaesthesia for an Awake Craniotomy”, CANS, Jan 2015
• C. Maycock “Ebola-highlighting the Approach to Dangerous Infectious Diseases” to PHEMS Grand Rounds, October 2014

• C. Maycock “Crisis Management are we prepared for the Ebola virus” Jamaica Anaesthetic Association Annual Conference, November 2014

• EW Williams Workshop for Family Medicine Residents, January 2015

• EW Williams “Updates on the Advanced Trauma Life Support Course (ATLS)” on behalf of the Jamaica Emergency Medicine Association (JEMA) at Cornwall Regional Hospital February 2015.

• R. Hutson ‘STEMI mimics” JEMA week presentation to the staff at the Anotto Bay Hospital, March 2015


• JA Williams Johnson “The Athletes Heart: What Every Emergency Physician Should Know” Grand Rounds, St. Augustine Campus, Trinidad and Tobago, June 2015

• MEC McFarlane, JM Plummer, PA Leake, NP Williams, D Ferron-Boothe, N Meeks-Aitken “Colorectal Cancer in Jamaica: Patterns and Anatomical Distribution”, 23rd Annual Research Conference of the Faculty of Medical Sciences, November 2–7, 2014, University of the West Indies, Jamaica

• JM Plummer, PA Leake, D Ferron-Boothe, PO Roberts, DI Mitchell, MEC McFarlane “Long-term Survival from Colorectal Cancer in Jamaica”, 23rd Annual Research Conference of the Faculty of Medical Sciences, November 2–7, 2014, University of the West Indies, Jamaica

• PA Leake, N Williams, D Ferron-Boothe, N Meeks-Aitken, MEC McFarlane, JM Plummer “Clinicopathologic Characteristics of Rectal Cancer in Jamaica”, 23rd Annual Research Conference of the Faculty of Medical Sciences, November 2–7, 2014, University of the West Indies, Jamaica
• JM Plummer, NP Williams, D Ferron-Boothe, PA Leake, N Meeks-Aitken, MEC McFarlane, J East “Surgical Quality in Colorectal Cancer”, 23rd Annual Research Conference of the Faculty of Medical Sciences, November 2–7, 2014, University of the West Indies, Jamaica


• A Forbes-Chang, D Soares “Paediatric Head CT Dose at the University Hospital of the West Indies (UHWI): A Retrospective Review”, Annual Faculty Research Conference, UWI Mona Nov, 2014

• W West, D. Brady-West “The High Percentage of Positive Computed Tomography Pulmonary Angiograms (CTPAs) at the University Hospital of the West Indies.” Annual Faculty Research Conference, UWI Mona Nov, 2014
• **W West** “Obesity is Associated with Significantly Increased Risk of Lumbar Degenerative Disk Disease on MRI” Annual Faculty Research Conference, UWI Mona Nov, 2014

• **W. West, K. West** “Presence of Oedema on MRI in the Lumbar subcutaneous Fat of Adults with no History of Cardiac, Renal or Hepatic Disease is Significantly Associated with Obesity.” Annual Faculty Research Conference, UWI Mona Nov, 2014

**POSTER PRESENTATION**

• Nickecia Campbell, Simone French, Eric Williams. “Epidemiology of acute poisoning in the Emergency Department at the University hospital of the West Indies a five year retrospective review”. UWI Research Day, February 2015.

• Tania Taylor, Jean William-Johnson, Carole Lindsay. “The level of substance use in Jamaican Teenagers and young adults presenting to an Emergency Department in the parish of St Andrew: an assessment of the University Hospital of the West Indies” UWI Research Day, February 2015.

• T Goulbourne, L Vaughan, L Mowatt, “Retinoblastoma: Challenges in Management” Ophthalmological Society of the West Indies, (OSWI), Santa Barbara Beach Resort Curacao July 8–11th 2015

**Refereed Journal Articles**


• **Aiken WD**, **Johnson PB**, **Mayhew RG**. “Bilateral complete ureteral
duplication with calculi obstructing both limbs of left double ureter”.


- **R. Forde, EW Williams**: “The Non Recurrent Laryngeal Nerve – A Rare Phenomenon which Requires Vigilance”. *West Indian Medical Journal* Published: 07 May, 2015

- **L Doonquah, R Lodenquai, A Mitchell**. “Surgical techniques for
augmentation in the horizontally and vertically compromised alveolus”.
Dental Clinics of North America (online January 27, 2015)


• I Tennant, AT Barnett, DS Thompson, J Kips, MS Boyne, EE Chung, AP Chung, C Osmond, MA Hanson, PD Gluckman, P Segers, JK Cruickshank, TE Forrester. “Impaired cardiovascular structure and function in adult survivors of severe acute malnutrition”. *Hypertension* 2014; 64:664-71


ABSTRACTS

• R Gordon, V. Elliot. **R. Edwards, J Williams-Johnson, M Hoo Sang, MG Lee.** “Reperfusion therapy at the University Hospital of the West Indies, Kingston, Jamaica, for patients with ST segment elevation myocardial infarction (STEMI) presenting to the Emergency Department.” *West Ind Med J* November 2014; 63 (S4) :41

• C. Angus, J **Williams-Johnson**, N. Hart, **R. Edwards**, C. Walters. "To determine the factors that affect time to presentation in persons with symptoms suggestive of an acute myocardial Infarction." *West Ind Med J*, November 2014; 63 (S4):58

• **L Mowatt**, “Optical Coherence Tomography, What is on the Horizon?” *West Indian Med J* 2015; 64 (Suppl.3) 25

• **L Mowatt**, “DM Ophthalmology – 10 years Strong”. *West Indian Med J* 2015; 64 (Suppl.3) 20

• **G Crossman.** “UWI Ophthalmology Residency Program: A Resident’s Perspective” *West Indian Med J* 2015; 64 (Suppl.3) 20

• **S Peart, L Mowatt.** “Efficiency of Patient Flow in the Ophthalmic Theatre at the University Hospital of the West Indies” *West Indian Med J* 2015; 64 (Suppl.3)

INCOME GENERATION

Research and Grants

US$ 24,931.89 ORBIS donated 10 sets of (13 volumes each) books and sponsored three Ophthalmology Residents to do surgical training in India

US$84,000 CHASE FUND: GE Vivid S6 Transoesophageal echocardiography machine

J$2.5 million DR PATRICK J TOPPIN: JN Foundation re Investigation cost & epidemiology Trauma in Jamaica.
FELLOWSHIP AND CONFERENCE/WORKSHOPS

US$30,000 CLINICAL FELLOWSHIP IN CRITICAL CARE MEDICINE. An 18-month fellowship undertaken by the Section of Anaesthesia and Intensive Care.

J$150,000: Section of Anaesthesia and Intensive Care Annual Conference/workshop “Ultrasound-guided Regional Anaesthesia, Pain Management & Vascular Access”.

• TOTAL J$2,650,000.00
• TOTAL US$138,931.89

NATIONAL HONOURS AND AWARDS

The Order of Distinction in The Rank of Commander Class (CD)

• Dr. Robert Wan
  For outstanding service in the field of Medicine and Community Development

• HONORARY
  Professor Cyril Fletcher
  For his contribution to the Medical Profession

The Order of Distinction in the Rank of Officer (OD)

• Dr. Ian Neil
  For dedicated service to the Medical Profession

• Dr. Keith Lloyd Wedderburn
  For outstanding service in the field of Medicine and Community Service
PUBLIC SERVICE

Dr. Wayne Palmer
- General Secretary of the Jamaica Cycling Federation
- Member, Board, Caribbean Orthopaedic Association

Dr. Maxim Christmas
- Vice President of the Jamaica Orthopaedic Association

Dr. Romayne Edwards
- Team Doctor
  - Waterhouse Football Club
  - National Premier League (2013-2014)
- Contributor Jamaica Observer Newspaper

Dr. Simone French
- Member executive National Resuscitation Council.

Dr. Rhonda Hutson
- Member executive the Jamaica Association of Sports Medicine (JASM)

Dr. Praimanand Singh
- President Jamaica Association of Sports Medicine (JASM)
- Representative to COPAMEDE for the English speaking Caribbean
- Member of the Jamaica Nation Council on Sports

Dr. Eric Williams
- Volunteer Doctor for the Gibson Home and National Children Home

Dr. Jean Williams Johnson
- Member executive Caribbean Poison Information Centre (CARPIN)
– Member executive Jamaica Association of Sports Medicine (JASM)

**Dr. Ingrid Tennant**
– Secretary – Jamaica Anaesthetist Association

**Dr. Patrick J Toppin**
– Medical Director of the UWI Student Emergency Response Team (UWISERT)
– Member of the Jamaica Association of Sports Medicine
– Provider of medical care and education for the UWI August Town Outreach project
– Member of the Violence Prevention Alliance

**Dr. Myrton Smith**
– President Elect of the Medical Association of Jamaica

**Dr. Carl Bruce**
– Member, Spine Committee World Federation of Neurosurgeons (WFNS)
– Executive, JAAA
– Chairman, JAAA Medical and Anti-Doping Commission
– Member, Board, University Hospital of the West Indies
– Executive member of Sport Committee Manchester High School
– Executive member, Strategic Development Policy Committee, UHWI
– Member, Mona Health Committee

**Professor Ivor Crandon**
– Member, Disciplinary Panel, JADCO
– Member, Board, BioTec R&D
– Member, Board, JIPA
Dr. Lizette Mowatt
- President, Ophthalmological Society of Jamaica (OSJ)
- Immediate Past President, Ophthalmological Society of the West Indies (OSWI)
- Chairperson, Vision 2020 Main Advisory Panel (Min of Health)
- Member, Pan American Association of Ophthalmologists (PAAO)
- Member, Ophthalmic Women Leaders (OWL)
- Member, National Council of Continuing Medical Education (NCCME)
- National Health Fund (NHF) Expert Panel of Physicians (Ophthalmology)
- International Scholar’s Award (American Academy of Ophthalmologist’s Award), January 2015

Dr Hugh Vaughan
- National Health Fund (NHF) Expert Panel of Physicians (Ophthalmology)
- Member, MSD International Advisory Board
- Dr Ena Thomas Memorial Trustee
- Jamaica Society for the Blind – Resource person
- Member of the Board of Governors – Kingston College
- Choir Committee – Kingston College

Professor Michael McFarlane
- Member of Stage II Curriculum Committee
- Examiner, Caribbean Medical Council Examinations
- Honorary Consultant Jamaica Cancer Society
- Member of the Board Jamaica Cancer Society
- President American College of Surgeons (Jamaica Chapter)
- Governor American College of Surgeons (Jamaica Chapter)
STUDENTS’ AWARDS AND ACHIEVEMENTS

Undergraduate

Undergraduate performance in the final MBBS Examinations was creditable with 262 of 273 candidates being successful.

Honours in Surgery

- Matthew Lyew
  Dr. Aubrey McFarlane Prize
  General Surgery Prize
  Sir Harry Annamunthodo Prize in Surgery
  Surgery Medal

- Anna-Belle Robertson
  Lawson Douglas Prize
  General Surgery Prize

- Lori-Ann Vaz
  General Surgery Prize

- Wayne Robinson
  General Surgery Prize

Post Graduate

Doctor of Medicine Post Graduate Degrees were awarded:

- Anaesthesia & Intensive Care
  Dr. Carl Brown
  Dr. Alexia Campbell
  Dr. Marsha Chung
  Dr. Deborah Douglas
  Dr. Monique Spence
  Dr. Javier Williams
  Dr. Calnette Wilson-Williams
Department of Surgery, Radiology, Anaesthesia and Intensive Care

• Cardiothoracic Surgery Dr. Sunil Stephenson
• Emergency Medicine Dr. Roxanne Allen
  Dr. Shereen Ramcharan
  Dr. Gail Reid
• General Surgery Dr. Omar Felix
  Dr. Andrew Josephs
  Dr. Patrice Kennedy
• Neurosurgery Dr. Charmaine Muthra
• Ophthalmology Dr. Geogette Crossman
  Dr. Jeanine Nelson-Imoru
• Orthopaedics Dr. Gail Caruth
  Dr. Bert Rodney
• Otorhinolaryngology Dr. Phillip Brown
  Dr. Warren Mullings
• Paediatric Surgery Dr. Karen Dunbar
  Dr. Sarah Marshall Niles
• Urology Dr. Gareth Reid

RESIDENT PRIZES

Dr Tecah Foster: 1st Place Resident’s Prize
  T Foster, L Mowatt, “Impact of Visual Impairment on the Quality of Life of Diabetics (UHWI)” Ophthalmological Society of Jamaica Symposium (OSJ), Jamaica, March 2015

Dr Shamfa Peart: 1st Place Resident’s Prize
  S Peart, L Mowatt “Efficiency of Patient Flow in the Ophthalmic Theatre at the UHWI” Ophthalmological Society of the West Indies (OSWI), Curacao, July 2015
Dr Valence Jordan: 2nd Place Resident’s Prize


Dr Tara Goulbourne: 1st Place Poster Prize Presentation

THE UWI SCHOOL OF NURSING (UWISON), MONA

Dr. Steve Weaver, RN, Cert. of Nursing Ed., BScN, MPH, PHD
Head of School

HIGHLIGHTS OF THE WORK IN THE SCHOOL

The 2014/15 academic year was one of transition and rebuilding for the UWI School of Nursing. During the year in review, the School had some challenges and successes.

The new four year BScN curriculum was approved by the Nursing Council of Jamaica and fully implemented at UWISON and as a result, for the first time there were four year groups of students. Initial meetings have been held with teams from the University Hospital of the West Indies regarding the revision and offering of Professional Development Programmes, such as Critical Care Nursing, Midwifery, Accident and Emergency. The Midwifery Curriculum is being refined to be re-submitted to the Academic Board.
The PAHO/WHO Collaborating Centre for Nursing and Midwifery Development in the Caribbean, UWISON, was re-designated in November 2014 for another four years. Nine (9) activities have been assigned to the Centre and are being carried out. The new Terms of Reference are: (1) Collaborate with PAHO/WHO in developing and supporting nursing and midwifery education programmes and practice in the Caribbean (2) Collaborate with PAHO/WHO to facilitate the development of a research culture and collaboration in Nursing and Midwifery in the Caribbean and internationally and (3) Collaborate with PAHO/WHO to collate, publish, and disseminate information necessary for advancing scholarship and evidence based practice in nursing and midwifery in the Caribbean region.

A simulation training was conducted in collaboration with the Gordon Center for Research in Medical Education at the University of Miami. This was an initiative with the Nurse Educator’s Group from the Nursing Council of Jamaica. The training was conducted in January 2015 at a cost of US$65,000 and included a cadre of healthcare educators, such as physiotherapists, dentists and nurses.

The School partnered with the School of Education to coordinate the Mixed Methods Conference, which was held March 12–13, 2015. Some members of staff and students were given the opportunity to attend and participate in research discussions, presentations and procedures.

The Inaugural Syringa Marshall Burnett Lecture was held on May 27, 2015. The Keynote Speaker was Senator Floyd Morris. This was in memory of Mrs. Marshall-Burnett who passed on October 10, 2014, and for her contribution to the nursing profession. The School hosted the 25th Annual Nursing and Midwifery Research Conference and 26th Mary J. Seivwright Day on May 28–29, 2015, under the theme “Nursing and Midwifery Research: Providing Evidence for People Centred Care.” The Keynote Speaker was Professor Hester Klopper, President of Sigma Theta Tau International (STTI). Dr. Joy Lyttle, Deputy Registrar of the Nursing Council of Jamaica was the speaker for the Annual Mary J. Seivwright Lecture. There were approximately 220 attendees on each day, which included health care professionals and students from across
the region, as well as the United States of America, South Africa, Canada and the Caribbean. The Research Conference featured a total of seventeen (17) Scientific Presentations from nursing professionals, graduate and undergraduate students on both days.

The Annual Research Internship for health researchers was held during the period June 1–25, 2015. There were twelve participants in the Programme, including one participant from Trinidad & Tobago; other participants were from the University of Technology, University Hospital, Faculty of Social Sciences, and UWISON (Mona and WJC). This four week internship was an intensive training opportunity for junior researchers at the graduate level to develop a research trajectory to guide them through their early research careers. The programme was supported by professors throughout the region and was not necessarily focused on nursing but on the broader issue of social determinants of health in the Region. International presenters included: Professor Nancy Edwards, University of Ottawa and Dr. Donald Simeon from the Caribbean Public Health Agency. There were also presenters from the Faculties of Medical Sciences and Social Sciences, UWI Medical Library as well as from the Planning Institute of Jamaica.

Drs. Steve Weaver and Eulalia Kahwa represented the School at the meeting of PAHO/WHO and the Pan American Network of Nursing and Midwifery Collaborating Centres (PANMCC) in Washington DC, September 2014. The meeting discussed activities related to the Centre and possible collaborations with other Centres.

Dr. Steve Weaver represented the University of the West Indies at the meeting of the Regional Nursing Body in Guyana in February 2015. Discussions focused on the CXC managed RENR exam which had been administered for the first time in the Region.

Dr. Joanna Bennett was invited by the Home Office and Black Mental Health UK (BMH UK) to Chair a Summit on “Policing & Mental Health”. The Summit was held on Thursday, October 23, 2015.

The CARICOM Network for Nursing and Midwifery Education (CNNME) met on March 27 and June 27, 2015 at the School. Dr.
Steve Weaver guided the discussions, to revitalize the Network which was dormant. A new executive was elected and included representatives from the nursing and midwifery education and practice settings in Jamaica.

The Honor Society of Nursing, Sigma Theta Tau International (STTI) convened a regional meeting of the Global Advisory Panel on the Future of Nursing (GAPFON), July 17–8, 2015 in San Juan, Puerto Rico. Key leaders in nursing from the Caribbean were invited to participate in the meeting. Three staff members from the School, Dr. Steve Weaver, Dr. Eulalia Kahwa and Pauline Anderson-Johnson, were invited to participate. GAPFON seeks to influence health policy, nursing leadership and practice, education, and the global health agenda for nursing.

EXTERNAL COLLABORATORS

University of Alberta

UWISON hosted a group of ten (10) nursing students and one (1) faculty member from the University of Alberta during the period, January 29–April 2, 2015. The students were engaged in their final practicum course which aimed to further develop and focus their knowledge and application of nursing and practice in their areas of interest.

Duke University School of Nursing

Eight (8) students in the accelerated BScN degree programme at Duke University School of Nursing visited UWISON August 10–23, 2014, to gain clinical experience/cultural immersion in in Community Health Nursing.

Institute for the International Education of Students

Faculty members and students from the Institute for the International Education of Students (IES) visited the School during the periods, December 2014 and April 2015. This was an observational visit where they were placed at three health centres in Kinston and St. Andrew over the period of three days.
Clarence Fitzroy Bryant College

UWISON and Clarence Fitzroy Bryant College in St. Kitts continue to work through logistics issues associated with the franchise of the BScN programme. The Memorandum of Understanding has been signed and a new cohort registered for the 2015–2016 academic year.

University of Belize

UWISON continues to support the University of Belize to develop their nursing curriculum. Three members from the University of Belize visited the School to discuss curriculum matters and a team from UWISON is to visit that Institution in the near future to assist in curriculum development.

Registered Nurses’ Association of Ontario (RNAO)

The UWI School of Nursing is partnering with the RNAO and the University Hospital of the West Indies to implement best practice guidelines to facilitate evidence based nursing care. UWISON is in the process of submitting an application to be designated as an academic Best Practice Spotlight Organization (BPSO). The University Hospital of the West Indies will be submitting their own application to be designated as a clinical BPSO. UWISON and UHWI are working together on this application process.

PAPERS PRESENTED AT MAJOR CONFERENCES


PUBLICATIONS

Peer-reviewed Journals


Editorial


Letter to the Editor


Newspaper Article


Conference Proceedings/Abstracts


PUBLIC AND PROFESSIONAL SERVICE

Bennett, J.
– Board Member, Women’s Health Network, Jamaica
– Editor-in-Chief, Caribbean Journal of Nursing
– Member of Editorial Board, West Indian Medical Journal

Bennett, J.
– International Associate Board Member, Journal of Research in Nursing.

Dawkins, P.
– Council Member, St. John Ambulance, Kingston Jamaica
– Member, Nursing Research Committee
– Member, Nurses Association of Jamaica;
– Manuscript Reviewer, *Clinical Journal of Nursing Research*, University of Pennsylvania
– Expert Panelist, World Justice Project, Rule of Law Index

**Hepburn-Brown, C.**
– Manuscript Reviewer, *Clinical Journal of Nursing Research*, University of Pennsylvania
– Rater and Reviewer, McMaster University Online Rating of Evidence-based System Research (MORE).

**Kahwa, E.**
– Member, Editorial Board, *Canadian Journal of Nursing Research*
– Member, Editorial Board, *Caribbean Journal of Nursing.*

**Lopez, S.**
– Board Member, The Heart Foundation of Jamaica

**Lindo, J.**
– Chairman, Mona Heights Primary School
– President, Hope Pastures Citizens’ Association
– Convenor and Past Chair, Keble Crescent Neighbourhood Watch
– Member, Mother’s Union, Church of St. Margaret’s
– Member, Kiwanis Club of New Kingston
– Social Development Commission Representative for Hope Pastures;
– Member, St. Andrew Civic Committee

**Weaver, S.**
– Member, Lions Club of St. Andrew Central
– Member, Health and Wellness Committee, Lions Club of St. Andrew Central.
### STUDENTS: Undergraduate

<table>
<thead>
<tr>
<th>Category of Students</th>
<th>New</th>
<th>Returning</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>1st year</td>
<td>2nd Year</td>
<td>3rd Year</td>
</tr>
<tr>
<td>BScN – Mona Campus</td>
<td>154</td>
<td>134</td>
<td>132</td>
</tr>
<tr>
<td>BScN – Western Jamaica Campus</td>
<td>25</td>
<td>23</td>
<td>23</td>
</tr>
<tr>
<td>BScN – franchised at EXED</td>
<td>66</td>
<td>56</td>
<td>67</td>
</tr>
<tr>
<td>BScN – franchised at Brown’s Town Community College</td>
<td>39</td>
<td>39</td>
<td>38</td>
</tr>
<tr>
<td>BScN – franchised at Knox Community College</td>
<td>28</td>
<td>25</td>
<td>29</td>
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<tr>
<td>Sub-Total</td>
<td>312</td>
<td>277</td>
<td>289</td>
</tr>
<tr>
<td>BScN (post RN) online delivery.</td>
<td>80</td>
<td>99</td>
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<tr>
<td>Grand Total Undergraduates</td>
<td>355</td>
<td>703</td>
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</table>

### Postgraduate Programmes

<table>
<thead>
<tr>
<th>Category of Student</th>
<th>New</th>
<th>Returning</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPhil/PhD</td>
<td>2</td>
<td>6</td>
<td>8</td>
</tr>
<tr>
<td>MScN (Nursing Administration; Nursing Education)</td>
<td>18</td>
<td>20</td>
<td>38</td>
</tr>
<tr>
<td>MScN (Family Nurse Practitioner; Mental Health/Psychiatric Nurse Practitioner; Clinical Nurse Specialist-Gerontology Option)</td>
<td>12</td>
<td>20</td>
<td>32</td>
</tr>
<tr>
<td>Total Postgraduates Students</td>
<td>32</td>
<td>46</td>
<td>78</td>
</tr>
</tbody>
</table>
SCHOLARSHIP

• Masie Brown and Donareen Denny from the Jamaica Nurses Group of NY Inc. presented US$2,000.00 scholarships to two third year students with a GPA of 3.5 and a stethoscope to a third student along with a barrel of books to the School on September 25, 2014. This scholarship will be given annually.

• April Tulloch was awarded a scholarship US$1,000.00 from the UHWI Batch-61 Memorial Scholarship.

Outstanding graduands

• LeRone Crooks
• Peter-Ann Copeland
FACULTY OF SCIENCE & TECHNOLOGY
Mona
Year ending July 31, 2015

PROFESSOR PAUL REESE
BSc (Hons), UWI, DPhil, Sussex, CChem, FRSC
DEAN
TEACHING, LEARNING AND STUDENT DEVELOPMENT

1. Student Enrolment and Access to Faculty Programmes

The number of undergraduate students enrolled in our Faculty has grown steadily over the period 2010–2015 as illustrated below. The increase in recent years is largely due to the diverse course offerings by each Department and the monitoring of new incoming students by Faculty Office staff.

![Figure 1: Number of registered students in the faculty](image)
Graduation data show an increasing number of students earning honours degrees with proportionately less receiving pass degrees.

Each Department of our Faculty continues to be innovative and flexible in dealing with the large student numbers by adding extra class and laboratory streams, including weekend and evening classes, additional consultation hours by Lecturers and adding equipment to improve throughput in laboratory sessions.

i. Student Development Workshops

The Mona School of Engineering led an initiative to prepare Undergraduate students for the world of work. The school hosted a Career 101 Workshop for final year students in the Electronics Engineering Programme in April, 2015. Topics addressed included: “Effective Public Speaking”,

Figure 2: Number of Degrees awarded 2010–2015
“Dress for Success”, “Interviewing Techniques” and “Qualities of a Successful Leader”.

ii) Graduate Studies

Student Registration: Total graduate student enrolment for the University in 2014–5 was 3253 including 513 (15%) in research degrees. In the same year there were 400 (8.6% decrease) graduate students (50% female) registered in the Faculty of Science and Technology (FST) of which 169 (42%) were pursuing research degrees. Approximately 33% of MPhil/PhD candidates on the Mona Campus are in FST.

Graduate Initiatives: The office of the Associate Dean Graduate Studies and Research hosted the “How to get published” workshop in October 2014. In semester two staff from the International Student Office led a discussion with research students on study abroad opportunities.

iii) New Programmes and Courses

The Faculty launched new courses in 2014–15 which expanded the selection of Programmes and Majors at both the graduate and undergraduate levels.

A new undergraduate major in Geosciences and a new minor in Human Geography were offered for the first time in 2014–15 by the Department of Geography and Geology.

Recognizing a growing demand for executives and other professionals with a specialization in the area of sustainable energy systems, the Department of Physics launched the Masters of Science in Renewable Energy Management and the Masters of Science in Renewable Energy Technology. The programmes target Natural Scientists, Engineers and Technical-related professionals, as well as those from the Social Sciences including Administrators, Policy Makers or Lawyers.

The Master’s and Postgraduate Diploma Programme in Biotechnology at the UWI-Mona Campus facilitates the UWI and the Caribbean region’s involvement in an area which is promising and the fastest-
growing technology of the present era. The field of Biotechnology is recognized for its potential to offer solutions to global problems ranging from food security and health to clean energy and environmental sustainability. Biotechnology is one of the priority areas of focus in the current UWI Strategic Plan.

The MPhil/PhD in Applied Physics facilitates study in any of several areas that deal either with the application of Physics to a technical discipline or with the interface between Physics and another area of Science. The Applied Physics Research Degree offers the flexibility of interdisciplinary research opportunities for Graduate students with a strong undergraduate background in Physics.

RESEARCH AND INNOVATION

1. Research output

FST Graduate research output:

The number of research students and their participation in publications and conferences for the 2014–2015 academic year.

<table>
<thead>
<tr>
<th>Department</th>
<th># of registered MPhil and PhD Candidates 2014/15</th>
<th>No. of Publications with Graduate Students 2014/2015</th>
<th>No. of Conference Presentations with Graduate Students 2014/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>5</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>34</td>
<td>4</td>
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<tr>
<td>Life Sciences</td>
<td>38</td>
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<tr>
<td>Physics</td>
<td>23</td>
<td>7</td>
<td>12</td>
</tr>
<tr>
<td>Mona School of Engineering</td>
<td>2</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Computing</td>
<td>17</td>
<td>11</td>
<td>8</td>
</tr>
<tr>
<td>Geography and Geology</td>
<td>17</td>
<td>4</td>
<td>27</td>
</tr>
<tr>
<td>Biotechnology</td>
<td>12</td>
<td>2</td>
<td>5</td>
</tr>
</tbody>
</table>
2. Notable achievements

i) Map Launch – The Geology of the Parish of St. Catherine

In February 2015 the Department of Geography and Geology unveiled the first in a new series of 1:50,000 scale geological maps of Jamaica entitled “The Geology of the Parish of St. Catherine”. When completed, the series of maps will number 13 in total, with each map featuring a parish of Jamaica. The maps are the result of geological investigations carried out by the Department over the last 19 years.

ii) Dr. Karl Aiken awarded Silver Musgrave Medal

Dr. Karl Aiken, Senior Lecturer, Department of Life Sciences was awarded the Silver Musgrave Medal for Science, 2014 for his work in Agriculture. Dr. Aiken has worked on fish and fisheries matters since 1971 when he completed his Masters’ Degree. He has conducted fisheries research on spiny lobsters and on island and offshore resources. He has taught fisheries and fish biology to undergraduate students, managed several research projects and worked on reef fisheries management.

iii) Dr. Tannecia Stephenson awarded Bronze Musgrave Medal

Dr. Tannecia Stephenson, Lecturer, Department of Physics was awarded the Bronze Musgrave Medal for Science, 2014 for her work in the area of Physics. Her research interests are Caribbean climate variability, climate extremes, seasonal prediction using statistical models and statistical downscaling. She has been affiliated with a number of climate variability and change projects and has published a number of journal articles, technical reports and a short monograph with collaborators.

iv) Professor Simon Mitchell receives two prestigious awards

Professor Simon Mitchell received the 2014 Vice Chancellor’s Award for Excellence in the areas of Research and Public Service for his work on geology in the Caribbean Region. In January 2015 he also received the Chubb Award for Excellence from the Geological Society of Jamaica for 20 years of contribution to the field of Geology and outstanding contribution to Jamaica’s environment. Professor Mitchell’s research is
concentrated on the geology of Jamaica. He has produced a series of geological maps which have been used for major geological developments in many parts of the island.

v) Dr. Mona Webber recognized

Dr. Webber was among nine women awarded the Women’s Leadership Initiative 2015 International Women’s Day Award. The ceremony ‘Paying it forward’ was held in March 2015.

NATIONAL ENGAGEMENT AND OUTREACH

The Faculty’s Outreach Team visited a number of high schools across the island, including schools in Kingston, Portland and St. James.

1. The Departments of Physics and Chemistry and the Mona School of Engineering hosted CAPE workshops aimed at assisting high school students in grasping important science concepts. The opportunity was also used to sensitize the students about university life and the competitiveness of getting into Science programmes at the UWI.

2. The FST participated in the January 2015 outreach to the Western Jamaica Campus (WJC). Departments within the FST provided students with information regarding programmes on offer. There were also interactive displays by the Biotechnology Centre, the Departments of Chemistry, Computer Studies, Geography & Geology, Life Sciences through the Discovery Bay Marine Lab personnel, Physics and the Mona School of Engineering.

3. The FST participated in Science in the Park in November 2014 which was coordinated by the Scientific Research Council. The FST team provided information on the offerings of the Department and interacted with students of all levels. Brochures covering the offerings of the Faculty including the Master’s programmes were available.

4. In June 2015, the Faculty participated in the annual "Relay for Life" for the third time. The annual event supports the work of the Jamaica Cancer Society and its efforts to raise funds to eliminate cancer as a major health problem in Jamaica. The focus of the FST
team was on Lung Cancer. The FST booth highlighted the work of Departments involved in cancer research. FST’s participation was the result of a collaborative effort from personnel from all FST Departments who raised funds, manned the booth and did the relay. The FST received two awards: “Best Tent” and “Silver winner for most Team Donation”.

REGIONAL AND INTERNATIONAL COLLABORATION

During the Calendar year 2014/2015, the Faculty of Science of Technology indicated intent to partner with the following entities:

**An MOU between Wallenford Coffee Company and the Department of Life Sciences.**

This MOU sets out the terms by which the Wallenford Coffee Company and the Department of Life Sciences will collaborate on an Agricultural Entrepreneurship and Agriculture Internship Programme for staff and students of the Faculty of Science and Technology including the Department of Life Sciences. The signing parties will pursue a mutually beneficial relationship to enhance production, protection and the value chain of coffee, as well as other training opportunities.

**Partnership Agreement between the Jamaica Public (JPS) Foundation and the Mona School of Engineering.**

The Principal, Prof. Archibald McDonald and other members of the UWI Community witnessed the official signing of the Partnership Agreement between the Jamaica Public (JPS) Foundation and the Mona School of Engineering on Tuesday, May 12, 2015 in the Council Room. The Agreement symbolically signalled the start of the new Electrical Power Engineering Programme to be offered by the School of Engineering in collaboration with JPS in September 2015.
STEM CONFERENCE, 2015

The Faculty Conference was held from June 9–11 2015 under the theme “Science Technology Engineering Mathematics (STEM): the engine of growth”. The Conference presented an opportunity for researchers from a broad range of disciplines across the faculty to showcase their work and the associated relevance to Jamaica’s future development. The Faculty sought to connect the dots between Science, Technology and Research and Jamaica’s Public and Private Sectors. The proceedings were governed under the subthemes:

Conceptualizing/Designing the STEM engine: Theoretical and Design research, Developing/Constructing the STEM engine: Laboratory and fieldwork based research and Deploying/Implementing the STEM engine: Applying STEM research to industry.

The conference featured oral and poster presentations of original work, plenary speakers from industrial and academic backgrounds and internationally recognised keynote and plenary speakers. The conference also provided networking and collaboration opportunities for FST researchers, and allowed graduate students to forge affiliations from which they could secure future research fellowships and job opportunities. Undergraduate students also presented their outstanding projects as part of the proceedings.

This year’s conference added to the Faculty’s history of successfully hosting such events whilst providing insight into the significance of STEM as the engine of growth for Jamaica and the wider Caribbean.

Tsunami Modelling and Hazard Assessment Workshops

The Department of Geography and Geology in collaboration with CDEMA and ODPEM conducted two workshops on Tsunami Modelling and Hazard Assessment, phase I and II from Environmental Hydraulics Institute IH Cantabria as a part of a collaborative project between AECID (A Spanish Corporation Agency), Caribbean Disaster and Emergency Management Agency, the UWI Earthquake Unit, and the
Office of Disaster Preparedness and Emergency Management, Jamaica. The workshops were hosted by the Department in September 2014 and January, 2015 with funding from AECID and Chilespana.

DISTINGUISHED VISITOR TO THE FACULTY

Courtesy call to introduce new JICA volunteer to be assigned to Mona Geoinformatics Institute

The Faculty of Science and Technology (FST) welcomed Dr Kioshi Mishiro to the UWI in October, 2014, during a courtesy call with the Dean, Professor Paul Reese. Also in attendance were Dr Ava Maxam (Deputy Director, Mona Geoinformatics Institute – MGI), Dr Paul Aiken (Deputy Dean and Head of the Mona School of Engineering), Mr Makoto Manabe (Resident Representative at the Japan International Cooperation Agency -JICA) and Ms Denease Tomblinson (GIS Research Assistant, MGI). Dr Mishiro will be conducting research on the coastal dynamics of shoreline areas, contributing to studies by the University on the effects of hazardous contaminants, invasive species and man-made changes to our shorelines. Dr Mishiro, a Japanese national, was assigned his 2-year residency with the MGI through JICA, and is supervised by Dr Maxam. His areas of expertise are in numerical analysis, ocean simulation, and aeronautical engineering, which he will also apply during guest lectures at the Mona School of Engineering in 2015.

ADDRESSING THE FUNDING CONSTRAINT

Fund raising activities across the Faculty continued as shown by grants acquired amounting to over J$207.5 million. Departments continue to generate income mainly via self-financing programmes.

Resource Mobilization Unit – The IDB has approved funding for the implementation of the Investment Plan for the Caribbean Regional Track of the Pilot Program for Climate Resilience (PPCR). It will help the Caribbean region improve regional processes of climate relevant data acquisition, storage, analysis, access, transfer and dissemination, and
pilot and scale up innovative climate resilient initiatives directly in PPCR countries. The RMU will continue to provide the necessary support to the project’s implementation over the next five years.

The RMU is exploring several linkages and projects that are in their incubatory stages. These include with Governments Ministries, Departments & Agencies and overseas partners who have expressed an interest in working with the Ministry. The Unit continues to provide support in the areas of grant identification, support proposal development and follow-up.

The Coordinator of the FST Resource Mobilization Unit went on a study visit to McGill University and observed the processes in the various areas of Sponsored Research. These included Business Engagement, Grants Administration and Awards, Invention Development and Entrepreneurship Assistance, and sponsored research at the level of the Faculty. Based on the visit, a number of strategies have been developed to improve the grant intakes of the Faculty and these are being implemented.

STUDENT ACHIEVEMENT

Annual Faculty Awards Ceremony

The Faculty celebrated outstanding achievers on Thursday, March 19, 2015 at the Annual Faculty Awards Ceremony under the theme “Celebrating Excellence”. A total of 212 students who exhibited excellence in academics were awarded.

Computer Sciences Students Win Agrihack Regional Competition

In September, 2014 the Department of Computing entered the Agrihack coding competition organized and sponsored by the Dutch Technical Centre for Agricultural and Rural Cooperation (CTA) as a part of the Caribbean Week of Agriculture (CWA). The competition sought to facilitate the development of ICT applications for agriculture, and encourage youth involvement in the agriculture sector. Of the 8 teams
making it to the finals, Node420, from the Dept. of Computing, emerged winners. Their entry focused on challenges surrounding the collection of climate data, and their product aimed to provide both low-cost data collection devices and in-depth analysis to support farmers and other agricultural authorities.

**Student of the Department of Computer Sciences implements Google Transit App for the JUTC**

Information Technology consultant and third-year Computer Science student, Oswald Smith conceived the idea of implementing a Google Transit application for the JUTC. The idea was born out of his personal experiences with the JUTC bus system. The app allows commuters access to the JUTC’s bus schedules and some of its routes on their computers, tablets and smartphones using Google Transit. In conjunction with the bus company, the app has been launched and is currently being used by the public. Jamaica is the first Caribbean country to provide ground transportation information to the public using Google Transit.

Shaneica Lester, Research student in the Department of Geography and Geology received the Summer University program of the Central European University (CEU) SUN Scholarship to attend the following courses: “Bridging ICTs – Making Information Talk and Technologies Work for Water Security: Remote Sensing” and the course “Bridging ICTs – Innovations in Disaster Risk Management” in Budapest Hungary in July 2015. The courses were a joint initiative between the UNDP, UNEP and the In Service ICT Training for Environmental Professionals (ISEPEI) project.

Phylicia Ricketts, MPhil candidate in Medical Physics, received a first place award at the “Women in Nuclear” 22nd Annual Global Conference held in Sydney, Australia in October, 2014. The work presented is part of a paper recently accepted for publication in the *West Indian Medical Journal*. 
OVERVIEW

The 2014/2015 academic year was a very productive one. The M.Sc. Food and Agro-Processing Technologies (FAPT) programme welcomed its fourth cohort, which was comprised of fourteen (14) students. The M.Sc. Occupational Environmental Safety and Health (OESH) programme continued to perform well, thus cementing its impact in the discipline. Initiatives such as the Peer-Led Team Learning (PLTL) and CAPE Workshops have helped to improve learning experiences among participants.

Throughout the year, members of the academic staff were involved in a number of conferences and made a significant contribution to education in Jamaica through outreach initiatives (both internally and externally). Through tireless effort, the Department of Chemistry celebrated the start of the Undergraduate Student Chapter of the American Chemical
Society (ACS) for the Caribbean region. The department also birthed the Chemistry Honours Society, which was our way of acknowledging excellent academic performance of our students. In March 2015, twenty-four (24) students were inducted and they have continued to perform at a high standard.

At the end of the academic year, thirty-six (36) students graduated with B.Sc. degrees in Chemistry, four (4) of which received first class honours. Five (5) students graduated from the B.Sc. OESH programme. At the postgraduate level, fifteen (15) students graduated with M.Sc. OESH degrees, four (4) graduated from the M.Sc. FAPT programme and eight (8) awarded research degrees (three MPhils and five PhDs).

HIGHLIGHTS OF MAJOR ACTIVITIES

Staff Movements

Dr. Winklet Gallimore was promoted to the post of Senior Lecturer as at 1st August, 2014. Dr. Marvadeen Singh-Wilmot proceeded on Sabbatical Leave and was replaced by Dr. Kerry-Ann Green. Dr. Anthony Greenaway and Prof Henry Ellis retired during the academic year; as such, the Department welcomed Dr. Debbie-Ann Gordon Smith, Lecturer – Analytical Chemistry. Mr Charles Grizzelle succeeded Ms Simone Williams as Administrative Assistant for the MSc FAPT programme upon her resignation from the post. The Department also welcomed Ms. Toni-Ann Pinnock (Secretary III) during the academic year.

NEPA Visible Emissions Training

The Department of Chemistry hosted two Visible Emissions training courses (Smoke Schools) which were conducted by The National Environment and Planning Agency (NEPA) on the 20th January and 21st July 2015. This training is administered by Eastern Technical Associates (ETA) from the USA; ETA is a United States Environmental Protection Agency (US-EPA) certified training institution. Three (3) members of the Department of Chemistry participated in the second
staging of the course. The skill set developed in these courses is recognized internationally.

CAPE Workshop

During the period 12th–16th January, 2015, the Department held another successful series of Chemistry workshops on Spectroscopy and Chromatography for the Caribbean Advanced Proficiency Examinations (CAPE) students. A total of 1,124 students and 54 teachers from 49 schools participated. The Kingston Bookshop donated complementary copies of the book Chemistry for CAPE as a promotional thrust. The participating schools were very pleased with the donations. Based on the feedback from teachers and students, the workshop presentations and materials were very well received and most expressed gratitude to the Department for this outreach effort. Professor Helen Jacobs and Dr. Novelette Sadler- McKnight met with the teachers separately to discuss issues pertaining to CAPE Chemistry instruction as well as aspects of the syllabus that they might have needed assistance with. A complimentary copy of the textbook Chemistry for CAPE Examination which Professor Jacobs and Dr. Sadler-McKnight contributed chapters to, was also distributed to each school. As in previous years, this workshop was coordinated by Dr. Novelette Sadler-McKnight. Mrs. Mitzie Samuels was very instrumental in ensuring that the administrative processes were smooth.

Physical Plant

In an attempt to ensure that the department’s facilities were on par with the excellence espoused by the University of the West Indies, members of staff and graduate students put their energies and efforts into a Labour Day project which sought to beautify the surroundings. Given the scarcity of resources, sponsorship was sought and donations of paints, which were graciously received, were used to enhance the department.
Safety

On 26th February, 2015 the Department’s Safety Committee held a workshop organized mainly for its service staff on the topic of Occupational Safety. Mr. Allan Sappleton, certified Occupational Safety and Health Administration (OSHA) Trainer and OESH PhD candidate, made a presentation entitled “The Fundamentals of Occupational Safety”. This was the first in a series of workshops and the Committee is optimistic that these sessions will improve the quality of safety procedures and practices.

FAPT Workshops

The M.Sc. Food and Agro Processing Technology programme hosted a Food Microbiology Workshop, 29th–30th January, 2015. Dr. Lawrence Goodridge, Associate Professor, Department of Food Science and Agricultural Chemistry at the McGill University, led the sessions as Guest Lecturer. Over these two days, there were 17 participants from companies such as Wisynco Group, GK Foods and Services Limited and Nestle Jamaica. On 2nd February, the workshop was however taken onsite at the Dairy Industries. There were 10 participants at this sitting. Additionally, the FAPT programme hosted a Food Safety Workshop, 27th–28th July. Ms. Maxine Hoffman, a Senior Food Storage Inspector from the Food Storage and Prevention of Infestation Division in the Ministry of Industry, Investment and Commerce, was the Guest Presenter.

DEPARTMENT SEMINARS

Under the leadership of the Seminar Coordinator, Dr. Nadale Downer-Riley, members of the department enjoyed an active seminar programme. Seventeen (17) seminars spanning a wide range of topics were delivered by visitors, faculty and postgraduates. The seminars that were delivered by visitors to the Department are listed below.

• **Dr. Mervin Chisholm** – “Successful Teaching: Embracing your Role as a Lab Demonstrator/Supervisor”, October 2, 2014
• Ms. Roselyn Fisher – “Chemistry, Helping to Increase Food Supply”, October 9, 2104

• Mrs. Karlene Robinson – “ACS Citation Style and Endnote”, October 23, 2014

• Ms. Sabraham Green – “The Relationship Between University Students’ Performance in Mathematics and Introductory Chemistry A (CHEM1901)”, November 23, 2104

• Dr. Leslie Simpson – “Studies with Castor beans as a source of Biofuels at the CARDI Jamaica Unit”, October 20, 2014.

• Mr. Ian Myrie – “The Heritage International Scholarship Trust Plan”, February 5, 2015


• Mr. Donovan Brown and Mr. Dewey Williams – “The Purchasing Process Specific to Academics and Postgraduates”, March 5, 2015

STUDENT ENROLMENT

Numbers of students reading courses in chemistry, 2011–2015

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Preliminary</td>
<td>240/219</td>
<td>239/218</td>
<td>226/209</td>
<td>200/175</td>
</tr>
<tr>
<td>Introductory</td>
<td>537/458</td>
<td>546/506</td>
<td>544/488</td>
<td>553/501</td>
</tr>
<tr>
<td>Advanced</td>
<td>266/258</td>
<td>256/227</td>
<td>255/218</td>
<td>239/198</td>
</tr>
<tr>
<td>Postgraduates</td>
<td>45</td>
<td>42</td>
<td>65*</td>
<td>128</td>
</tr>
</tbody>
</table>

* includes students registered in the MSc FAPT, but not OESH
Research Degrees Awarded

Research degrees in Chemistry awarded in 2014/2015 AY

<table>
<thead>
<tr>
<th>Degree completed</th>
<th>Name</th>
<th>Supervisor (s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD Chemistry</td>
<td>Mark Allen</td>
<td>Prof I. Kahwa</td>
</tr>
<tr>
<td></td>
<td>Nykieta James</td>
<td>Dr. Paul Maragh and Prof Tara Dasgupta</td>
</tr>
<tr>
<td></td>
<td>Norda Stephenson (With High Commendation)</td>
<td>Dr. Novelette Sadler – McKnight</td>
</tr>
<tr>
<td></td>
<td>Rosemaire Wilson</td>
<td>Dr. Anthony Greenaway</td>
</tr>
<tr>
<td></td>
<td>Francine Campbell</td>
<td>Dr. Anthony Greenaway</td>
</tr>
<tr>
<td>MPhil Chemistry</td>
<td>Henry Small</td>
<td>Dr. Willard Pincock</td>
</tr>
<tr>
<td></td>
<td>Toni Johnson</td>
<td>Professor Paul Reese</td>
</tr>
<tr>
<td></td>
<td>Imron Miller</td>
<td>Dr. Novelette Sadler – McKnight</td>
</tr>
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</table>

BOOK LOAN SCHEME

The Department continues to operate its book loan scheme for undergraduate students. The demand for textbooks at the introductory level is still the highest, followed by those for the preliminary courses.

WORKSHOPS AND CONFERENCES ATTENDED

Dr. Andrea Goldson-Barnaby attended and made a presentation at the Pittcon 2015 conference, held in March, at the Morial Convention Center in New Orleans. The presentation was entitled “Jamaican sorrel (Hibiscus sabdariffa) and citrus (Citrus sinensis) waste extracts: Potential applications and utilization”. She also attended the Commonwealth Science Conference, Bangalore, India, 25th–28th November, 2014. A poster presentation was made entitled “Characterization of ackee (Blighia sapida) lipid extracts”. Dr. Goldson-Barnaby and Dr. Donna Minott Kates, attended the 17th World Congress on Food Sciences & Technology, IuFOST. A presentation entitled “Lipid content and fatty acid analyses of the Jamaican ackee (Blighia sapida) fruit” was made.”

Drs. Petrea Facey, Ainka Brown and Ms. Norda Stephenson attended
Dr. Winklet Gallimore attended the BIT’s Third Annual International Congress of Algae - 2014 held 16th – 18th October in Dalian, China. An oral presentation was made entitled “A Tale of Two Algae: Potential Applications of Two Jamaican Algal Species”. She also attended the Scientific Research Council’s 3rd Biennial Conference, held November 2014. An oral presentation was made entitled “Surfing the Seas for Marine – Derived Therapeutic Agents”.

PhD Chemistry candidates, April Johnson and Stacey-Ann Parker, were selected to be among 70 PhD students from across the Commonwealth who were sponsored by the Royal Society to participate in the Commonwealth Science Conference in Bangalore, India, 25–28 November 2014. Both students presented posters describing aspects of their PhD projects.

OUTREACH

Dr. Andrea Goldson-Barnaby, Dr. Gail Baccus-Taylor and Mr. Charles Grizzelle participated in the College of Agriculture, Science and Education (CASE) during their Open Day celebration held, 26th February, 2015. The experience was a rewarding one. Dr. Andrea Goldson-Barnaby participated in the Stem Talent Expansion through Promotion of Science (S.T.E.P.S) Workshop held 20th November, 2014

The Chemical Society (ChemSoc) team represented the Department of Chemistry very well at the display of clubs and societies at the event known as Club Fusion held, 26th February, 2015. The ChemSoc booth saw many interested persons viewing the experiments. On the 9th and 11th February, 2015, staff, graduate students and members of UWI ChemSoc participated in the staging of interactive demos and displays on the spine which was a part of this year’s UWI Research Days initiative. The activities were geared at highlighting various areas of Chemistry done at UWI and also to explain selected everyday phenomena involving
Chemistry. These were well received primarily by the high school students who were in attendance. The perennial favourite, the Ice-cream making demo, was particularly enjoyed by the students. The Chemistry department was also represented in the Science and Technology section of the Tent with graduate students interacting with members of the public and informing them about the course offerings and research done in the department. Additionally, in association with the Mustard Seed Communities, ChemSoc collected and donated hygiene items for the Hayden Singh’s Children Sanctuary.

The Department participated in the Western Jamaica Campus outreach activity held on 12th–13th January, 2015. The students were involved in a practical experiment which demonstrated the colour changes associated with pH, correlating it to environmental issues. Other experiments were also conducted and students played a game using the periodic table. The experiment were organized by Dr. Ainka Brown and executed at the Western Campus by Graduate students Sanjay Campbell and Coniel Roye, as well as Dr. Winklet Gallimore, who engaged the high school students.

Dr. Marvadeen Singh-Wilmot attended the World Academy of Sciences (TWAS) meeting in Oman November 2014 and spoke of the need for investment in research infrastructure for young scientist in developing countries like the Caribbean states. Her ideas were captured in an interview which was published January 2015 on Scidev.net. It was entitled “Q and A with a Caribbean Ambassador for Science”. Dr. Singh-Wilmot was also involved as a Consultant and Trainer in two Stem Teacher training workshops mounted for teachers in Fundaciones Centres. The sessions were held in July 2015 in Montego Bay and Kingston.

Over 26 students and members of staff (including six undergraduates) were directly involved as members of the on-site and fund raising teams for the Jamaica Cancer Society – Relay for Life, held 13th–14th June, 2015. The amount collected by the Department and their associates was $98,632.00. Mr. Sanjay Campbell was the Department team member who collected the most funds. Activities from the Chemistry Department
were coordinated by Dr. Ainka Brown and included a coin experiment (copper to gold), a milk ‘art’ experiment, elephant toothpaste and a word-making game using the elements of the periodic table. Small prizes were given to deserving patrons. The absolute glee and delight of some of the persons observing the experiments made the effort worthwhile.

Nineteen (19) members of staff participated in the Sagicor SIGMA Corporate Run on 22nd February, 2015. The participants found the event very fulfilling.

AWARDS AND PRIZES

On 11th December, 2014, The University of the West Indies awarded members of staff for long service. Among the recipients were Mrs. Linda Cross-Gordon (30 years), Mr. Winston Chambers (15 years) and Dr. Raymond Reid (15 years).

Dr. Nadale Downer Riley was awarded the 2014 Scientific Research Council’s young scientist award.

Dr. Andrea Goldson-Barnaby received the CARPIMS Mobility Scholarship for Academic Staff Mobility which allowed her to attend the National University of Samoa as Guest Lecturer – Climate Change and Food Security. This scholarship covered all expenses for the month of May, as well as an allowance of 1,000EUR. She also received the PITTCON travel award amounting to approximately $215,000.00 from the Royal Society for travel to the Commonwealth Science Conference held 8–12 March, 2015. Finally, Dr. Goldson-Barnaby also received the 2014 Developing Country Sponsorship Award from IuFoST, to attend the World Congress of Food Science & Technology, Montreal, Canada.

For Research Day, the following awards were received:

• Principal’s Awards for the Best Research Publication:

  Dr. Nadale Downer Riley and collaborators

  Article: “Intramolecular Cycloaddition Reactions of Furo*3, 4 – b]indoles for Alkaloid Synthesis”
Principal’s Awards for the Most Outstanding Researcher/Research Activity:

**Dr. Paul Maragh**


At the Faculty Award Ceremony held March 2015, **Mr. David Anderson** received the Dean’s Staff Award for outstanding support to the Faculty of Science and Technology.

**VISITORS TO THE DEPARTMENT**

- On the 30th January, Dr. John Zarling, Program Manager from Los Alamos National Laboratory, visited the Department. Dr. Zarling assisted the Department with the removal of a radioactive source which was no longer used.

- Professor Suresh Narine, the Director of the Trent Centre for Biomaterials Research, the Ontario Research Chair in Green Chemistry and Engineering, and the Natural Sciences and Engineering Research Council (NSERC) of Canada, Senior Industrial Research Chair in Biomaterials visited the Department and delivered a special lecture on Monday, 23rd February, 2015.

- Ms. Sharna Casimir, post – graduate student from the Department of Chemistry at UWI, Cave Hill visited the department in February 2015. She worked under the supervision of Dr. Paul Maragh collecting survey data from the Preliminary and Introductory Chemistry laboratory students for use in her research project.

- In April 2015, Dr. Bryne Ngwenya from the University of Edinburgh, brought a class to Jamaica to conduct water sampling and analysis in Discovery Bay and along the Rio Cobre. Drs. Gordon-Smith and Rattray assisted the group.
• Professor Thomas Olsson and Professor Johan Bohman, from the Department of Chemistry and Molecular Biology at the University of Gothenburg, visited the Department as a part of our on-going Linnaeus-Palme Faculty Exchange collaboration. During Prof Olsson’s stay (22nd April–15th May), he delivered a lecture series on “Medicinal Chemistry: The process from an idea to a launched drug” to faculty and graduate students.

PAPERS PRESENTED

• Helen Asemota, Mohammad Bakir, Toni Johnson, Mark Lawrence, Peter Nelson, Kenroy Kimar Wallace, “Physico-chemical and biological properties of polypyridyl hydrazonic ligands”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)


• Theresa Campbell, Camille Bowen-Forbes, Williams Aalbersberg. “Phytochemistry and Biological Activity of Secondary Metabolites from Rubus Rosifolius”. World Nutraceutical Conference and Expo, July 15–17, 2015 (Poster Presentation)
• Alexa O Redway, Roxanne C Higgins, Nadale Dower-Riley, Yvette Jackson. “Alternative Route To The Synthesis Of Azacoumarins”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)

• Sanjay Campbell, Winklet Gallimore. “Marine Algal Natural Products with Anti-cancer Properties”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)

• April Johnson, Helen Jacobs. “Antimicrobial 4-Hydroxy-2-Octadec-(11Z)-Enoylcyclohexane-1, 3-Dione And Other Secondary Metabolites From Various Jamaican Peperomia Sp.” 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)


• O’Neil C. Falloon, Gail S.H. Baccus-Taylor, Saheeda Mujaffar, and Donna Minott Kates. “A Preliminary Investigation into the Quantification and Isolation of Starch from Seeds of Ackee (Blighia sapida) Fruit”. Institute of Food Technologists, Chicago, USA, July 11–14, 2015.


• Shannen Lorraine, Paul Maragh, Tara Dasgupta, Kamaluddin Abdur-Rashid. Chiral Transition “Metal Diphosphine Complexes and Their Applications In Asymmetric Catalysis”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015

• Shannen Lorraine, Paul Maragh, Tara Dasgupta, Kamaluddin Abdur-
Rashid. “Novel Chiral Transition Metal Diphosphine Complexes and Their Applications in Asymmetric Catalysis”. 10th Conference of the Faculty of Science and Technology, UWI, Mona, June 9–11, 2015.


• Tamika Drummond, Paul Maragh, Tara Dasgupta. “Mechanistic Investigation of Hydrolytic Decompositions of Roussin’s black and Roussin’s red salts in Aqueous Acidic and Basic Solutions”. 249th National Meeting of the American Chemical Society, Denver, CO, U.S.A., March 22–26, 2015

• Tamika Drummond, Paul Maragh, Tara Dasgupta. “Mechanistic Investigation of Hydrolytic Decompositions of Roussin’s black salt in Aqueous Acidic and Basic Solutions”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)


• Dipali Girish Nair, Camille Bowen-Forbes. “Phytochemistry and health beneficial properties of Jamaican black raspberries, *Rubus racemosus*”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)
• Fabian Banton, Roy Porter, Petrea Facey. “Secondary Metabolites from the aerial parts of Bursera aromatic”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9-11, 2015 (Poster Presentation)

• Leslie Ann Hoo Fung, Robin Rattray, Gerald Lalor. “Assessment of cadmium, mercury and lead concentrations in Jamaican conch, lobster, and tilapia”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)

• Nijole Young, Michael Coley, Vaughn Rattray, Anthony Greenaway. “Powder X-ray Diffraction studies of the phosphorus minerals in Jamaican bauxites”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)

• Paula Henry, Michael Coley, Vaughn Rattray, Willard Pinnock. “The Influence of Ventilation Modes on In-vehicular Exposure to Carbon Dioxide”. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)

• Ruth Williams, Camille Bowen-Forbes, Andrea Goldson-Barnaby, Dipali Nair. “Nutraceutical and phytochemical profile of aerial parts of Jamaican blackberry (Rubus jamaicensis). 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)


• Marvadeen Singh-Wilmot. “Insights into Science For Development Of Caribbean States Like Jamaica”. Merl Grove and Manchester High Schools, February, May and June 2015. (Oral Presentations)

• Jermaine Smith, Marvadeen Singh-Wilmot. “Rare Earth Metal Organic Framework materials from 2-Nitrotetraphthalate. 10th Conference of the Faculty of Science and Technology, UWI, Mona; June 9–11, 2015 (Poster Presentation)

PUBLICATIONS

- Jacobs, H.; Sadler-McKnight, N; McLean, S.; Piggot-Cumberbatch, P.; Corbin, G.; Taylor, M. Chemistry for CAPE® Examinations; Macmillan, 2014.

Refereed Journal Articles


- Mohammed Bakir, Rebecca Conry, and Donovan Thomas, “Synthesis, solution properties, and solid-state structural analysis of [Mn(4-N,N,S,N dpktsc)Br]2·nCH3CN (n = 1 or 0 and dpktsc = di-2-pyridyl ketone thiosemicarbazone)” Journal of Coordination Chemistry, 2014, (67), 2249–264


**INCOME GENERATION & RESEARCH GRANTS**

Consultation fees, summer school and rental of facilities: J$14.9M

Better Process Control School (payment received for invoice from previous year): J$67,466.40

**Dr. Paul Maragh** and the Pesticide Research Laboratory’s Management Committee continued the pursuit of accreditation for the Pesticide Research Laboratory. The process was almost complete at the end of the academic year.

**PUBLIC SERVICE**

**Dr. W. Gallimore**

- Training Session for External Examiners of the Joint Board of Teacher Education (JBTE)
- External Examiner, Joint Board of Teacher Education (JBTE).
- Facilitator, The Rock Campus Connexion (A Christian ministry to tertiary level students)

**Dr. P. Maragh**

- Assistant Chief Examiner for CXC (CSEC) Chemistry.
- External Examiner for Chemistry – University of Technology
- External Examiner for Chemistry – Joint Board for Teacher Education
- External Examiner for Chemistry (Science & Technology) – MICO University
STUDENTS

At the Faculty Award Ceremony held March 2015, eight undergraduate awards were made to students in Chemistry for their academic performance. They are Neenem Dilworth (Garfield Sadler), Mark Rambaran (Willard Pinnock), Alicea Scott (Bertram Frazer – Reid Prize), Toni – Ann Brown (Pavelich/Honkan), Tiffani Blackman (Cedric Hassall), Natasha Dyer (Wilfred Chan), Lauren Gordon (Leonard J. Haynes) and Desiree Brown (Chemistry Department).
WORK OF THE DEPARTMENT

Curriculum Review

The ongoing curriculum review effort resulted in three minors, one revised and two new ones. The minor in Computer Science was revised to put it in line with the revised majors and two new minors – Software Engineering and Information Technology – were added. These are available as of 2015/16. Efforts were made to revive an old dormant programme – the Postgraduate Diploma in Information Technology (PGDIT). This is on offer as of 2015/16 and is being revised in line with the other revisions we have made. We now have the following programmes, majors and minors on offer during 2015/16:
Department of Computing

<table>
<thead>
<tr>
<th>Programme</th>
<th>Majors</th>
<th>Minors</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc (General)</td>
<td>• Computer Science</td>
<td>• Computer Science</td>
</tr>
<tr>
<td></td>
<td>• Software Engineering</td>
<td>• Software Engineering</td>
</tr>
<tr>
<td>BSc Information Technology (also offered at WJC)</td>
<td></td>
<td>• Information Technology</td>
</tr>
<tr>
<td>BSc Computer Systems Engineering (with Mona School of Engineering)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postgraduate Diploma in Information Technology</td>
<td></td>
<td></td>
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<tr>
<td>MSc Computer Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSc Computer-Based Management Information Systems (with Mona School of Business and Management)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MPhil/PhD Computer Science</td>
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</tbody>
</table>

**WESTERN JAMAICA CAMPUS**

We are on course to have our first graduate from the BSc IT programme at WJC and he is likely to get a First Class degree. Congratulations to the hard-working team at WJC which includes Ricardo Anderson and Devon Stoddart from the Department of Computing. We continue to encounter serious challenges in accessing streaming equipment for delivery of our courses to WJC.

**Staffing**

We regrettably lost one of our two Visiting Professors. Prof. Robert France of Colorado State University, who was born in Jamaica of Vincentian parents, died in March 2015. A graduate of UWI (St.
Augustine) and world-renown Software Engineer specializing in Software Modelling, he contributed selflessly to the Department for many years. We miss him even as he is resting in peace.

Professor KwekuMuataOsei-Bryson continues to strengthen our research programme through student supervision and mentorship of junior staff.

Two members of staff, Drs. Ashley Taylor and Daniel Coore, were on sabbatical leave during 2014/15. They were replaced by Mrs. Careene Rodney and Mr. Dean Jones and although we missed them their replacements did a good job. Dr. Hamilton-Taylor spent six months in Ethiopia and three months in the USA.

Miss Kerry-Ann Wilkinson, secretary, resigned and went abroad to pursue engineering studies. She was replaced by Miss Ka-Sheena Minott.

PRESENTATIONS AT ACADEMIC CONFERENCES


PUBLICATIONS

Chapters in Books

Journal Article


Peer-reviewed Conference Proceedings


- Ewedafe S. U. “Parallelization of 2-D ATCP with Parallel Virtual


SCHOLARLY ACTIVITIES

Ricardo Anderson
• Reviewer: Knowledge Management Research and Practice Journal, 2015

SimonEwedafe
• Member of Editorial Board for Journal of Agriculture and Life Sciences
• Reviewer and Member: International Journal of Computer Sciences and Engineering (IJCSE), 2014.
• Member: American Association for Science & Technology (AASCIT)

Daniel Fokum
• Reviewer: IEEE Communications Magazine
• Reviewer: IEEE SoutheastCon 2015
• Proctor: IEEEExtreme Programming Competition (2014).
• One of 200 young researchers invited to participate in the 3rd Heidelberg Laureate Forum, a forum where 200 young researchers are invited to a five day academic session with winners of the ACM A.M. Turing Award, Abel Prize, Fields Medal, and Rolf Nevanlinna Prize.
• SIGCOMM 2015 travel grant. Award=$2000.
• SIGCSE 2015 travel grant. Award=$500 + registration fee.

INCOME GENERATION

We continued to run a number of income-generating activities as shown in the figure below:

<table>
<thead>
<tr>
<th>Programme/Activity</th>
<th>Income</th>
<th>Expenditure</th>
<th>Net Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSc Computer Science</td>
<td>13,373,772.91</td>
<td>9,068,203.36</td>
<td>4,305,569.55</td>
</tr>
<tr>
<td>Cisco Networking Academy</td>
<td>1,786,000.00</td>
<td>1,917,921.11</td>
<td>-131,921.11</td>
</tr>
<tr>
<td>Summer School</td>
<td>2,340,171.00</td>
<td>1,602,114.90</td>
<td>738,056.80</td>
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<tr>
<td>Consultancy</td>
<td>837,137.88</td>
<td>60,000.00</td>
<td>777,137.80</td>
</tr>
</tbody>
</table>

STUDENTS

Student Throughput

The table on page 361 shows a breakdown of the numbers of students who graduated from the various programmes we offer:

Student Awards and Prizes

The Karl Robinson Award was won by Mr. Ritesh Reddy with the value of the award being J$40,000.00. The award is given to the student with the highest average in the first year, second year and Semester I of the third year Computer Science courses.

Our students won the AgriHack Talent Caribbean competition

Eight teams of young application developers, coming from six Caribbean countries took part in the Regional Finals of the AgriHack Talent
competition at the Caribbean Week of Agriculture in Paramaribo, Suriname from 5–9 October 2014. The competition was won by team Node420 from our department. Team members were Orane Edwards and Jason Scott. Their product, also called Node420, can provide real-time weather analysis for more accurate weather forecasts; this app includes a hardware that is an additional point of information for farmers who are interested in maximizing the productivity of their farm. Yield estimate forecasts are made based on algorithms that take several data sources into account. For their efforts they won 5,000 Euros plus six

<table>
<thead>
<tr>
<th>Programme</th>
<th>Faculty</th>
<th>Gender</th>
<th>1st Class</th>
<th>2nd Class (upper)</th>
<th>2nd Class (lower)</th>
<th>Pass</th>
<th>Total</th>
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<tr>
<td>BA(CS)</td>
<td>FHE</td>
<td>M</td>
<td></td>
<td>4</td>
<td>2</td>
<td>2</td>
<td>6</td>
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<td>6</td>
<td>2</td>
<td>9</td>
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<tr>
<td>BSc (CS)</td>
<td>FST</td>
<td>M</td>
<td>3</td>
<td>3</td>
<td>7</td>
<td>6</td>
<td>19</td>
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<td>4</td>
<td>2</td>
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<td>4</td>
<td>7</td>
<td>9</td>
<td>6</td>
<td>26</td>
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<tr>
<td>BSc (SWEN)</td>
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<tr>
<td>MSc (CS)</td>
<td>FST</td>
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<tr>
<td>MSc (CBMIS)</td>
<td>FST/FS</td>
<td>M</td>
<td>9</td>
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<td>7</td>
<td>18</td>
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<td></td>
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<td>20</td>
<td></td>
<td>10</td>
<td>30</td>
<td></td>
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<tr>
<td>MPhil</td>
<td>FST</td>
<td>M</td>
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</table>
months of incubation. We entered two teams in the competition, and they were accompanied to Suriname by their mentor Dr. Curtis Busby-Earle.

The AgriHack Talent Caribbean was organised by the Technical Centre for Agricultural and Rural Cooperation (CTA), a joint international institution of the African, Caribbean and Pacific (ACP) Group of States and the European Union (EU). CTA’s mission is to advance food and nutritional security, increase prosperity and encourage sound natural resource management in ACP countries.
Professor Simon F. Mitchell continued as head of the Department for the 2014–2015 academic year as well as continuing as Acting Head of the Earthquake Unit. Dr Arpita Mandal took over the coordination of Graduate Students in the Department, Dr David Miller coordinated examinations, and Prof David Barker and Dr Thomas Stemann coordinated the Geography and Geology programmes respectively.

Staffing continued to be a serious issue affecting the Department; and fiscal conditions in the University were a major setback in the hiring of new staff. At the end of the 2014–2015 academic year Prof David Barker retired after a long and distinguished career at the UWI. He has been honoured with an emeritus professorship at the UWI. Mr Robert Kinlock and Miss Taneisha Edwards were employed to teach in Geography and
Geology respectively, and Dr Donovan Blissett and Miss Rose-Ann Smith taught courses in the Department on part-time contracts. Dr Leo Douglas completed his stint in Jamaica and has now taken up a position in Colombia. Dr Thera Edwards began a two year leave of absence to undertake project coordination in the Institute for Sustainable Development, and in her place, Miss Rose-Ann Smith was employed as a short-term replacement to run the Map Library. Mrs Nadine Sherlock left the Department at the end of the academic year to take up a position with Prof Dale Webber the new PVC for Graduate Studies. Ms Jullian Williams continued as a research assistant for the Head of Department.

The Department continued to offer its full curricula of courses in Geography and Geology during the 2014–2015 academic year despite the staffing restrictions. Some staff members had to undertake excessive teaching loads in order to accommodate this. Both the new major in Geosciences and the new minor in Human Geography were offered for the first time.

The Department ran two workshops during the year on training on Tsunami Modelling and Hazard Assessment in collaboration with the Environmental Hydraulics Institute IH Cantabria, AECID (Spanish Corporation Agency), the Caribbean Disaster and Emergency Management Agency (CDEMA), the UWI Earthquake Unit, and the Office of Disaster Preparedness and Emergency Management (ODPEM). The workshops were hosted by the Department of Geography and Geology and ran from the 15th–19th of September, 2014, and the 26th–30th January, 2015. Funding came from by AECID and Chilespana.

Members of the Department attended major conferences in the region. Three staff members (Dr Arpita Mandal, Dr David Miller and Dr Kevon Rhiney) and three graduate students from the Department attended the American Association of Geographers Annual Meeting in Chicago, 21st-25th April, 2015, where they presented a series of papers and posters. Three members of the Department (Prof Simon Mitchell, Dr Thomas Stemann and Dr Sherene James-Williamson) attended the 20th Caribbean Geological Conference in Trinidad in May, 2015. A total of five presentations and posters were presented. Prof Simon
Mitchell also attended the meeting of the Standing Committee to consider the venue for the 21st Caribbean Geological Conference to be held in 2018.

Dr Kevon Rhiney attended the Forum on the Future of the Caribbean held in Port-of-Spain, Trinidad, 5th–7th May 2015. The forum was organized by the United Nations Development Programme in collaboration with the Government of the Republic of Trinidad and Tobago. Dr Arpita Mandal attended a workshop from the 27th–31st July 2015 in Quito, Ecuador, organized by CDKN–ICLEI on Sub-national Climate Compatible Development.

Dr Arpita Mandal was a member of the committee for the 10th Faculty of Science and Technology (FST) Conference, UWI MONA, which was held in May, 2015. Four research students from the Department (Andre Reid, Natalie Robinson, Shaneica Lester and Ann Teresa Birthwright) gave oral presentations and two research students (Amal Sealy and Anuradha Maharaj) presented posters. An undergraduate student, Sarah Buckland, also presented an oral presentation and received a prize for the best presentation by an undergraduate student at the conference.

Anuradha Ann Maharaj received an M.Phil. degree in Geology for her thesis entitled “Analysing high intensity, rainfall-driven, river flooding in Port Maria, St. Mary, Jamaica” in July of 2015.

Shaneica Lester, an M.Phil student in Geography in the Department, presented at the 23rd Annual Caribbean Water and Waste Water Association Conference and Exhibition, “Water Waste and Energy in the Caribbean” in Nassau, Bahamas (6–10th October 2014), was a participant in the Water After Borders Summit entitled “Global Stakes and Local Politics” at the University of Illinois, Chicago (23rd-24th April 2015) and was a recipient of a Summer University Program (SUN) Scholarship to attend the Central European University for the course titled: “Bridging ICTs and Environment- Making Information Talk and Technologies Work for Water Security: Remote Sensing”, Budapest, Hungary (6th–10th July 2015).

Dr Sherene James-Williamson was the Guest Presenter for the Moruga

Professor Simon Mitchell received the Vice Chancellor’s Award for Excellence in the areas of Research and Public Service for his work on geology in the Caribbean Region. He also received the Chubb Award for Excellence from the Geological Society of Jamaica at a ceremony held in January of 2015. Dr Kevon Rhiney received the 2014/2015 Principal Award’s for Research Project with the Greatest Business/Economic/Development Impact, in the Faculty of Science and Technology.

The UWI Geology Museum (UWIGM) hosted approximately 800 visitors, largely comprising students and teachers during Research Days and GIS Day. Various rural and local area schools were also accommodated as part of the Jamaican primary, secondary and tertiary curriculum. The UWIGM hosted Miss Emma Locatelli a researcher from the Department of Geology and Geophysics, Yale University, who is working with Dr Thomas Stemann. Her collaboration has gained the museum additional specimens which she will continue to work on over a period of time and a cabinet to house these new items. The UWIGM in collaboration with the UWI Museum hosted the Museums Association of the Caribbean annual conference and AGM at the Mona Visitors’ Lodge 16th-20th November 2014. This conference saw persons from North America, Europe and the wider Caribbean in attendance. The UWIGM hosted a volunteer for 30 hours this summer from the Kingsway High School as part of the school’s outreach programme.

PAPERS PRESENTED

- David Barker, T. Malcolm and D. Campbell. “Understanding the social dimensions of marine protected areas (MPAS) in Jamaica: an assessment of fishers’ perceptions and attitudes towards special fishery
conservation areas (SFCAS) across the island.” Annual Conference SEDAAG, November, 2014. Athens, Georgia.


• **Simon F. Mitchell**. “Rise and Fall of the American Rudists.” Oral


**PUBLICATIONS**

**Books and Journals**

• **Sherene James-Williamson and Simon F. Mitchell (Editors).** *Caribbean Journal of Earth Science* Volume 47, 19 pp., Geological Society of Jamaica, Kingston, Jamaica.

**Refereed Book Chapters and Journal Articles**


Non-referred Papers


PUBLIC SERVICE

David Barker
- External Examiner in Geography for the Joint Board of Teacher Education (JBTE).
- Editor, Caribbean Geography.
- Convenor, CAPE Geography.
- Editorial Committee, CaribXplorer Magazine.
- Editorial Board, Caribbean Quarterly
- Council member, Jamaican Geographical Society
Sherene James-Williamson
– Editor, *Caribbean Journal of Earth Science*
– Editor, *Museums Association of the Caribbean*
– Vice President – Museums Association of the Caribbean
– Deputy Chair – Heritage Clubs of Jamaica
– Board Member – Empowered Caribbean Community (EmPCC)
– First Vice President, UWI Alumni Association, Jamaica Chapter
– UWI Representative – Land Information Council of Jamaica (LICJ)
– Committee Member – National Restoration Committee
– Committee Member – Jamaica National Heritage Trust Declaration Committee
– External examiner – College of Agriculture, Science and Education
– External Examiner – Joint Board of Teacher Education
– Mentor – UWI Mentorship Programme

Arpita Mandal
– Member of Global Water Partnership Caribbean
– Council Member, Geological Society of Jamaica

Simon F. Mitchell
– Scientific Committee, Caribbean Geological Conference.
– Editor, *UWI Contributions to Geology*.
– Language Editor, *Carnets de Geology*.
– Member, National Committee on Coastal Zone Management (NCOCZM).
– President, Geological Society of Jamaica.
– Chairman, Jamaican Stratigraphic Committee.
Kevon Rhiney
– External Examiner, College of Agriculture, Science and Education
– External Examiner, Joint Board of Teacher Education
– Editorial Board, Caribbean Geography Journal
– Council Member, Jamaican Geographical Society
– Member of the Steering Committee for the Climate Change Action Training (CCAT) Programme (USAID-funded Ja REEACH Project).
– Steering Committee Member, Global Water Partnership – Caribbean (GWP-C)
– Member, Inter-American Development Bank (IADB) Civil Society Consulting Group (ConSoc) Jamaica – The Environment, Energy and Infrastructure Thematic Group
– National Fisheries Policy Steering Committee: Climate Change and Disaster Risk Management sub-committee

STUDENTS

Undergraduate Students: Geography

Year I  142
Year II  50
Year III  29

Undergraduate Students: Geology

Year I  95
Year II  37
Year III  33

Postgraduate Students

MPhil Geography  6
MPhil Geology  2
PhD Geography  3
PhD Geology  2
The numbers of students enrolled in Level 1 Life Sciences courses in 2014/15 were maintained at the high levels we have been experiencing over the past six years. In all, 571 students were enrolled in the Biology courses offered in semester 1 and 557 in courses offered in semester 2. Enrolment at Level 2 decreased by up to 30% and by 20% in the environmental courses. The Level 1 courses saw decreased passes in the 2014/15 academic year. Semester 1 courses (BIOL1017 and BIOL1018) averaged 49 and 56% pass, respectively, while semester 2 courses (BIOL1262 and BIOL1263) averaged 62% and 40%. Passing rates in previous years have fluctuated around an average of 60%-70%. The performance of students at Level 2 improved or was close to the historical precedent (45-100%). Percentage passes of 62% and higher were obtained with most the courses (78%) at level 3. While the distribution of
percentage passes across the courses is comparable to that under the previous GPA scheme, faculty and students are still accommodating the revised GPA scheme. As regards the 2014-15 graduating class, 108 graduated with BSc degrees in Biology—5 with first class honours and 22 with upper second class honours.

This past year DLS offered the amended B.Sc. single majors and minors including a new minor in Coastal Ecosystems and two courses, BIOL3410 Water Pollution and Vertebrate Biology ZOOL3405, which were developed under the 2010/11 curriculum reform. The Department continued its curriculum review process in 2014/15; this in an effort to strengthen the programmes and provide students greater flexibility in completing their courses of study. The core courses and electives of the single major in Horticulture were reviewed and additional electives were added to the BSc Environmental and BSc Experimental Biology. Approvals are to be acquired for first offering in 2016/17.

Summer School

The DLS summer school was efficiently managed by our summer school coordinator, Dr. Gale Persad. A total of 332 students registered for and sat 39 courses. All courses were ‘MEX exams-only’ sittings of previously offered courses. Summer School continues to provide the opportunity for students to recover from failure, thus completing their degree in a timely manner and has also become a source of income generation for the Department. Overall performance at levels 1 (40-59% pass), 2 (50-100% pass) and 3 (60-100% pass) was found to be similar to that of students in the normal semesters. The summer semester facilitated the offering of the courses, Diving for Scientists and Internship. Some 26 students, registered in the latter course, were placed in organizations across the island as well as in Trinidad and the Bahamas. The programme was coordinated by Dr. Eric Garraway, who did an excellent job along with Dr. Persad and Mrs. Debbie Ann Brown. Five students registered for research projects over summer.
Taught Graduate Programmes

Cohorts of 3 and 29 (2013/14, 2012/13, 2011/12) students are pursuing MSc Degrees in MaTE and Agricultural Entrepreneurship, respectively. As in 2012/2013, the revised MSc in Plant Production and Protection (PPP) was not offered due to low enrolment. The department is in the process of reorganizing the programme which will involve a change in the name to improve marketability and a change in the structure of the programme to increase its compatibility with other MSc programmes offered in the Faculty.

Graduate Research Programmes

One new PhD and 4 new MPhil students joined the department at the start of the 2014/15 academic year. Two MPhils successfully upgraded to PhDs and four PhD and 3 MPhil students completed degrees. The Department was recognized by the Mona Research and Publications and Graduate Awards Committee and the Office of Graduate Studies and Research for outstanding performance in the development of Research Students in the academic year 2013-2014.

Research Output

During 2014/15, DLS’ research output consisted of 31 conference presentations 34 referred publications, and 1 non-refereed article/technical report. The crude average, based on 14 academic staff and 4 at Principal Scientific Officer level or above, a total of 18 staff producing in these categories, gives 3.7 publications per staff member when all categories of publications are considered (total = 66). Last year 2013/2014, the average was at 2.7 and the year before 2012/2013, 2.2. Of note, the impact factors for the journals published range up to 2.73.

Six oral presentations and six posters were presented by graduate students at the 10th Faculty conference. Research projects of our undergraduate students were also recognized at the Faculty conference. Five posters were presented. The prize for the Best Undergraduate Poster went to
Zoe Gordon who was supervised by Dr. Eric Hyslop. Nasheika Guyah was given honourable mention on her oral presentation at 38th Annual Larval Fish Conference, in Canada, by the judging committee for the Sally-Richardson Award which is given to the best student oral presentation. Nasheika competed against 29 students from across the United States, Canada, Asia and Europe, and placed second. She is supervised by Dr. Mona Webber. In total, there were ten graduate student publications in peer reviewed journals during the reporting period. Minke Newman was recognized as producing the Best Research Publication (Article) (Jointly with Supervisors) from The Mona Research and Publications and Graduate Awards Committee in collaboration with the Office of Graduate Studies and Research. Dr. Newman was supervised by Dr. Kurt McLaren and Professor Byron Wilson.

Staff Matters

The Department continues to struggle to maintain the necessary complement of permanent, full-time lecturing staff in the face of losses due to retirement, resignation and secondment. Staff including scientific officers, technicians, gardeners and other ancillary staff must be commended for rising to this challenge and that of increased numbers of students coupled with curriculum changes.

The 2014/15 academic year saw the promotion of Dr. Dwight Robinson to the rank of Senior Lecturer. Drs. Mona Webber and Kurt McLaren returned from their sabbatical year in August 2014. The department said farewell to Ms. Joan Evans, Senior Laboratory Technologist, who retired in April 2015 after 35 years of service to the University. Six members of staff were recognized for their long service to the UWI in December 2014. Ms. Daphne Cooper, Annmarie Hosang, Theresa Fuller and Suzette Robinson for 15 years of service, Dr. Margelette Ellis-Tabanor for 21 years, and Mr. Windell Christie for 30 years.

Special awards were presented to Prof. Dale Webber, Dr. Mona Webber, and Dr. Karl Aiken at the Faculty Awards ceremony held in March 2015. Dr. Mona Webber and Prof. Dale Webber (along with Dr. Kevon
Rhiney from the Department of Geography & Geology) were among the outstanding researchers recognised for the Research Project with the greatest business/economic development impact. Congratulations were extended to Dr. Aiken on his being awarded a Silver Musgrave Medal by the Institute of Jamaica for distinguished eminence in the field of Science. The award was presented by the Institute in October 2014. Mr. Garcia Gayle and Ms. Patrice Francis were presented special awards in recognition of their outstanding service and contributions to the Port Royal Marine Laboratory and the Centre for Marine Sciences, respectively. Dr. Webber’s contributions to wider Jamaica were recognized on International Women’s Day. Dr. Webber was among nine women awarded the Women’s Leadership Initiative 2015 International Women’s Day Award. The ceremony ‘Paying it forward’ was held in March 2015. Prof. Byron Wilson received the 2014/2015 Vice-Chancellor’s Award for Excellence.

**Port Royal Marine Laboratory (PRML)**

The Port Royal Marine Laboratory (PRML) continued to support teaching, research and outreach on the Campus by hosting UWI undergraduate and MSc classes, research students and staff from various departments. More than half of the courses offered in Life Sciences were provided with specimens for laboratory classes confined to the campus due to size or the need for specialist equipment. In addition, PRML hosted the course BIOL2408 (Diving for Scientists) in June 2015 and accommodated three Interns registered in the Internship course BIOL3412. More than six researchers or research students were supported during the period. PRML research projects focused on baseline surveys of vulnerable and impacted mangrove forest areas around Jamaica. Workshops on mangrove assessment and replanting techniques were conducted for NGO groups in the areas adjacent to the forests and basic sampling equipment (purchased under the project) were given to the NGOs for future monitoring. Replanting of 6,396 mangrove and 50,000 sand dune plants along the Palisadoes roadway was conducted under the Palisadoes Vegetation Restoration Project. Another project with The US
Dept of the Interior saw to the installation of renewable energy systems at PRML in July 2015. PRML participated in 24 onsite or offsite outreach activities for the year reaching over 3,000 members of the public including the annual Marine Mania Summer camps over two weeks to children during the summer period (July 13–24, 2015). Forty children from ages 5–9 and 10–14 were hosted in successive weeks. Other outreach activities included setting up a display at Caribbean Maritime Institute for Maritime Awareness Week (September 24 & 25, 2014), World Wetlands Day activities with Port Royal Primary school and Mico Practising Primary & Junior High School, and a beach clean-up with JMMB at the Port Royal bathing beach on Labour Day (May 23, 2015).

Centre for Marine Sciences (CMS)/Discovery Bay Marine Laboratory (DBML)

The Centre for Marine Sciences (CMS)/Discovery Bay Marine Laboratory (DBML) continued to fulfil its mission of engaging in research, training and outreach in Caribbean Marine Sciences. The CMS/DBML experienced a highly productive year with 1 book chapter, 11 journal articles and 1 technical report based on work from in-house science staff and graduate students. The research programme continued to develop with some pre-existing projects such as the monitoring of NORANDA Maintenance Dredging activities, establishing a Seagrass Nursery and Phase 1 of the Palisadoes (mangrove and sand dune) Rehabilitation project being brought to completion. Others such as Coral and Mangrove Nurseries and Coastal Ecosystem Rehabilitation projects were expanded to generate an increased number of seedlings/fragments or to accommodate more sites around the island. A variety of new projects/consultancies were implemented – monitoring of an artificial reef (ECOREEF) installation (J$6.5M); Coral Resilience studies (IDB- J$39M); and the US Dept. of the Interior Renewable Energy Project J$23M) which provided for the greening of DBML by the installation of a photovoltaic system, wind turbines and solar water heaters that immediately reduced the electricity bill by 36%. Teaching duties continued with the delivery of the courses, Principles of Ecology (BIOL2403), Diving for Scientists (BIOL2408),
Sustainable Use of Fisheries Resources (ZOOL3408), Caribbean Coral Reefs (BIOL3409) and Marine Invasive Alien Species (BIOL6420) - for both undergraduate and post graduate students. More than 6,000 individuals benefited from the Lab’s Outreach programme through site visits or offsite displays organized by the Scientific Officers. Eco Camp 2015 recorded the greatest number of campers to date. One hundred and twelve youngsters spent 3 weeks learning about sources of alternative and renewable energy.

PAPERS PRESENTED


- Benkeblia N. “Free radical scavenging capacity and antioxidant properties of collie plum (Ziziphus mauritiana) during ripening. 29th International Horticultural Congress in Brisbane, Australia, August 17–22, 2014. Poster.

- Benkeblia N. “Logistics challenges for small and medium scale food processing units (SMS-FPU)”. Workshop on Technologies shaping the future of value addition and reducing food losses at small and medium scale level: Sharing experience through South-South Cooperation, Stellenbosch University, Cape Town, South Africa, July 27–28, 2015. Oral.

- Benkeblia N. “Variation of starch, total phenolics contents, and reducing and total sugars in unripe and ripe jackfruit (Artocarpus heterophyllus) and West Indian locust (Hymenaea corbarol) fruits”. 29th International Horticultural Congress in Brisbane, Australia, August 17–22, 2014. Poster.


• Golaub N, P Rose. “Knowledge, attitude and practices survey regarding safety in the laboratory among undergraduate students in the Department of Life Sciences at the University of the West Indies, Mona Campus. 10th conference of the Faculty of Science and Technology. Mona, Kingston, June 9–11, 2015. Poster.


Department of Life Sciences


PUBLICATIONS

Books, Book chapters & Monographs


- Cohen J, D Clarke-Harris, A Khan, W Isaac. “Sustainable Management of Invasive Species for Small Island Developing States under Changing

– 385 –


**Refereed Journal Articles**


• Diop B, Benkeblia, N. “Correlation between Colour, Firmness, Dry Matter, Sugars And Maturity In 'East Indian' Mangoes (Mangifera indica)”. Acta Horticulturae. 1047 (2014):121-126.


• Mitchell A, M Webber, D Buddo, D Webber. “Development of a


- Small H, K Lue, D Webber, M Webber. “The Planktonic Communities


### Technical Reports


### INCOME GENERATION

- **Aiken K, J-F D’Orville (Department of Physics), 2014.** Friends of Japan & Caricom: Green, efficient Aquaculture for Fish Farmers. US$63,469.00


- Gayle P, 2015. NORANDA Bauxite Jamaica: Monitoring of an artificial reef (ECOREEF) installation. J$6,500,000

- **Webber D, 2015.** Consultancy for the Inter-American Development Bank: Coral Reef Restoration Programme. US$350,000


• **Webber M** (PI), C Trench, H Small, 2015. Forest Conservation Fund Grant: Re-forestation of critical coastal forest areas around Jamaica, Phase 2. US$144,456.


**PUBLIC SERVICE**

**Dr. Karl Aiken**

– Board Member & Chair of Fish Sanctuaries, Sub-committee Fisheries Advisory Board of Ministry of Agriculture & Fisheries

– Member, Aquaculture Industry Advisory Board, Ministry of Agriculture & Fisheries.

– Member, Board of Directors of the Caribbean Coastal Area Management Foundation (CCAMF)

– Member, CITES Scientific Authority of Jamaica- NEPA


**Professor Noureddine Benkeblia**

– Editor-in-Chief, Plant Science Today journal

– Editor-in-Chief, Journal of Food, Nutrition and Dietetics journal

– Editor, Agricultural Science Research journal

– Member of the Agronomy Society of America

– Member of the Crop Science Society of America
– Member of the Regional Commission of Experts, Agence Universitaire de la Francophonie
– Member, IUCN Commission on Ecosystem Management (CEM)
– Member of the International Tropical Fruits Network
– Assessor, University Council of Jamaica (UCJ) Examination
– External Examiner, Agricultural Programme, Montego Bay Community College (MBCC)

**Mr. Frederick Boyd**
– External Examiner, Joint Board of Teacher Education (JBTE), Institute of Education, UWI, Mona.
– Member and Institution contact, Society for Economic Botany
– Member, International Association for Plant Taxonomists
– Member, International Society for Horticultural Science
– Member, Liaison for Department of Life Sciences for the Nature Preservation Foundation
– Member, Phycological Society of America
– Member, Research & Development and Seed Production Subcommittee, National Organic Agriculture Steering Committee (NOASC), Ministry of Agriculture
– Member, Standards Subcommittee, Jamaica Organic Agricultural Association (JOAM)

**Dr. Dayne Buddo**
– International Maritime Organization: Expert Task Force for Ballast Water Management Training
– Member, Regional Lionfish Committee
– Resource Scientist, Regional Ballast Water Task Force
– Member, National Fish Sanctuaries Committee
– Member, National Steering Committee for the Regional Invasive Species Project
– Member, National Invasive Species Working Group
– Board of Advisors, Ocean Foundation

Dr. Jane Cohen
– Member, CITES Scientific Authority of Jamaica
– Member, Caribbean Food Crops Society
– Member, Education & Research Sub-Committee for the Hope Royal Botanic Gardens
– Member, Jamaica Organic Agricultural Association
– Member, Jamaican Society for Agricultural Sciences
– Member, Natural History Society of Jamaica
– Member, Plant Conservation Group, National Environment and Planning Agency (NEPA)

Mrs. Marcia Ford
– Chairperson, National Biodiversity Clearing House Mechanism Steering Committee
– Secretary, The Jamaica Statistical Society
– Member, Global Coral Reef Monitoring Network - Caribbean Steering Committee
– Member, University Sub Aqua Club
– Member, International Society for Reef Studies Member
– Member, Caribbean Academy of Sciences

Mr. Peter Gayle
– Chairman, Association of Marine Laboratories of the Caribbean (AMLC) Planning Subcommittee
– Member, Diving sub-group of the working group on Fisheries Management and related matters of the National Council on Oceans and Coastal Zone Management
– Member, National Fish Sanctuaries Network
– Reviewer, Revista de Biologia Tropical & Wildlife Biology in Practice
Dr. Eric Garraway
– Advisor, Vincentian Students Association
– Member, Advisory Board, National History Division, Institute of Jamaica
– Member, Association of Tropical Lepidoptera
– Member, Natural History Society of Jamaica
– Member, Jamaican Iguana Working Group, NEPA

Dr. Eric Hyslop
– Jamaica Clearing-House Mechanism Steering Committee, Institute of Jamaica
– Member, CSEC Subject panel in Biology
– Member, NEPA Endangered Animals Recovery working group
– Member, Jamaican Iguana Working Group, NEPA

Dr. Kurt McLaren
– Member, National Invasive Species Working Group, NEPA

Dr. Dwight Robinson
– Chairman, Jamaica Organic Agricultural Association (JOAM)
– Chairman, National Organic Agriculture Steering Committee, Ministry of Agriculture
– Member, Board of Directors- Greencastle Tropical Study Centre, St. Mary
– Member, National coordinating committee for Agricultural Research and Development, Jamaica

Professor Ralph Robinson
– Board of Directors, Jamaica Agricultural Development Foundation
– Executive Member & Regional Rep, Bioethics Society of the English-Speaking Caribbean
– Justice of the Peace, St. Andrew, Jamaica
– Member, American Society of Parasitologists
– Member, Lay-Magistrates’ Association of St Andrew, Jamaica
– Scientific Member, The National Bioethics Committee of Jamaica

Dr. Philip Rose
– Member, National Invasive Species Working Group, NEPA

Professor Paula Tennant
– Member, American Phytopathological Society
– Member, Caribbean Academy of Sciences, Jamaica Chapter
– Member, Jamaica Society of Scientists and Technologists

Dr. Kisan Vaidya
– Member, Gene Bank Committee, Jamaica
– Member, Review Committee, Jamaican Journal of Science and Technology

Professor Dale Webber
– Chairman, Board of Directors-Environmental Foundation of Jamaica
– Chairman, CL Environmental Company Limited
– Deputy Chairman, National Council on Ocean and Coastal Zone Management (NCOCZM)
– Chair, Diving Sub-Group of the National Council on Ocean and Coastal Zone Management
– Member, Board of Trustees-Jamaica National Park Trust Fund
– GraceKennedy Representative, Recycle Partners Jamaica

Dr. Mona Webber
– External Examiner for University of Technology BSc Degrees in Biological Sciences
– Member, Association of Marine Laboratories of the Caribbean
Professor Byron Wilson

- Invited Member, Crocodile working group, NEPA
- Invited Member, IUCN SSC Amphibian Specialist Group
- Invited Member, IUCN SSC Boa and Python Specialist Group

Number of Graduates by majors and class of degree (before Summer School 2014/15)

<table>
<thead>
<tr>
<th>2013/14</th>
<th>Majors</th>
<th>Minors</th>
<th>Options</th>
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<td>24</td>
<td></td>
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<tr>
<td>Applied Plant Sciences</td>
<td>7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biology with Education</td>
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<td>6</td>
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</tr>
<tr>
<td>Botany</td>
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<td></td>
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<tr>
<td>Botany &amp; Zoology</td>
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<td>16</td>
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<tr>
<td>Environmental Biology</td>
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<td>13</td>
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<tr>
<td>Experimental Biology</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Horticulture/Tropical Horticulture</td>
<td>6</td>
<td></td>
<td></td>
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<tr>
<td>Marine Biology</td>
<td>32</td>
<td></td>
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</tr>
<tr>
<td>Terrestrial and Freshwater Biology</td>
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<td></td>
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<td>Zoology</td>
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<td>Conservation Biology</td>
<td></td>
<td>10</td>
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</tr>
<tr>
<td>Human Biology</td>
<td></td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Plant Sciences</td>
<td></td>
<td>7</td>
<td></td>
</tr>
</tbody>
</table>
DEPARTMENTAL PRIZES TO STUDENTS

Alexander, Shanice Sasikala Potluri Prize
McDonald, Nadia Don Skelding Prize
Robinson, Semoi Devi Prasad Prize
Deidrick, Reneique Vincent Hugh McKie Prize
Brown, Marco-Dean Lloyd Coke Prize
Howell, Shonee Avinash Potluri Prize
Foster, Dione Charlotte Goodbody Prize

NUMBERS / CLASS OF DEGREE

<table>
<thead>
<tr>
<th>2014/15</th>
<th>First</th>
<th>Upper-2</th>
<th>Lower-2</th>
<th>Pass</th>
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<td>Animal Biology</td>
<td>3</td>
<td>14</td>
<td>7</td>
<td></td>
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<tr>
<td>Applied Plant Sciences</td>
<td>2</td>
<td>4</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Biology with Education</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Botany</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Environmental Biology</td>
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<td>4</td>
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<td>2</td>
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<tr>
<td>Experimental Biology</td>
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<td>1</td>
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<td>Horticulture/Tropical Horticulture</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>3</td>
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<td>Marine Biology</td>
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<td>9</td>
<td>12</td>
<td>10</td>
</tr>
<tr>
<td>Terrestrial and Freshwater Biology</td>
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<td>Zoology</td>
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<td><strong>Total (108)</strong></td>
<td>5</td>
<td>22</td>
<td>55</td>
<td>26</td>
</tr>
</tbody>
</table>
As at August 2014, the teaching staff of the Department of Mathematics was composed of 2 Professors, five senior lecturers, five lecturers, four assistant lecturers, four adjunct lecturers/tutors. Of these, seven members of staff hold a PhD (one, in addition to PhD, has a Higher Doctorate degree) and one person is a Fellow of the Canadian Institute of Actuaries (UK). In December Professor Girija Jayaraman, returned home to India after a two years visit to the Department. Dr. Shoyeb Waliullah, joined the staff of the department as a lecturer in October 2014, departing at the end of Semester 2 of the academic year. Mr Howard Hines, who is a Fellow of the Society of Actuaries (FSA), joined the staff of the department in January 2015.

The Department continues to collaborate with various departments in the Faculty, offering mathematics courses to suit their needs: MATH1185
for Chemistry & Physics students, COMP1110 for Computing students, and MATH1180 and MATH2330, for engineering students.

The University of the West Indies introduced a new GPA system in September 2014, and the department adjusted its approach to grading accordingly.

Professor Gabriel Lord, Heriot-Watt University, Edinburgh, UK, visited the department over the period March 17-20, and gave a mini-course to graduate students on introductory stochastic partial differential equations and numerical methods on Wednesday March 18, 5–7pm. He also gave a departmental seminar entitled “Stochastic Traveling Waves and Computation” on Friday March 19, 11am. He additionally met informally with graduate students to discuss their projects and began collaboration with staff members in the area of stochastic numerical analysis.

The Department has a formal internship programme which was piloted in 2011/12 and runs during the summer break each year. This year’s programme was officially launched in May 2015 and 36 students applied, with 19 positions being offered by the following organisations: Financial Services Commission, Scotiabank, Jamaica National Group, Jamaica Coop Credit Union League, Guardian Life Ltd, Duggan Consulting.

The Department of Mathematics established an Industry Advisory Board to provide high level formal Industry/Mathematics interaction to produce suitable graduates for the work place. The Committee is composed of members from Industry and Mathematics Department, and the first meeting took place in April 2015.

Department held its second Career Fair in November 2014: 6 out the 9 companies who had confirmed participation were present, and the other 3 were unable to attend due to unexpected heavy rain. Companies participating were Jamaica National Building Society, Sagicor Life Jamaica Limited, Guardian Life, Victoria Mutual Building Society, National Commercial Bank and the Jamaica Stock Exchange. 59 semi-formally dressed students who registered prior to the event participated. The feedback received from the companies was positive.
Throughout the academic year, the department continued its preparation to submit an application for the Mona campus to be recognised as a Center of Actuarial Excellence by the Society of Actuaries.

For the academic year 2014/15 a total of 1,174 students registered for all level courses in the department broken down as follows: Preliminary level – 206; Level 1 – 678; level 2 – 189; level 3 – 102.

The Department participated in various outreach activities across the island including “Science in the Park” and at the Western campus. We also conducted CAPE workshops over in January 2015 at the Western Campus, in Montego Bay, and in the department at the Mona campus in April 2015. A one-day CSEC Workshop was delivered by Mr. Ajani Ausaru at Mona High School. The events were well represented. In March 2015, the department was represented by Ms. Kimberly Boswell in round table discussions, at the Heart Trust NTA’s National Career Symposium.

CONFERENCE PARTICIPATION WITH PAPER/TALK PRESENTED

- **Dr. Conall Kelly** organized the AIM SQuaRE workshop: “Stochastic stabilization of limit cycle dynamics in ecology and neuroscience”. American Institute of Mathematics, San Jose, California, USA. April 13–17, 2015.

- **Dr. Conall Kelly** presented the paper “Polynomial difference equations under stochastic perturbation”, Kyoto Conference on Numerical Analysis and Differential Equations, September 2014, Kyoto University Rakuyu-Kaikan, Japan.

- **Professor Alexandra Rodkina** participated in the workshop “Stochastic Stabilization of limit-cycle dynamics arising in ecology and neuroscience” San Jose, California, USA, April 13–17, 2015.

- **Professor Alexandra Rodkina** presented the paper “Discretized Ito formula and applications” at the International Congress of Mathematicians 2014, August 13–21, Seoul, South Korea.

- **Dr. Dmitry Malinin** presented the paper “On integral irreducible
representations of finite groups” at the International Algebraic Conference dedicated to the 100th anniversary of L.A. Kaluzhnin, Kiev, July 7–12, 2014.

- **Dr. Dmitry Malinin** presented the paper “On integral representations of finite groups” at the XII Conference in “Algebra, Number Theory and Discrete Geometry, Contemporary problems and applications, Russ Acad Sciences, Tula, Russia.


- **Dr. Dmitry Malinin** presented the paper “On finite group schemes and Galois modules”, Journees Arithmetiques, Debrecen, Hungary, July 6–11, 2015

- **Binil Thomas-Sebastian** presented the paper, jointly with Nagarani Ponakala, “Dispersion in Unsteady Casson Fluid in an Annulus with Wall Absorption” The 10th Faculty of Science and Technology Conference, UWI, Mona, June 9–11, 2015.

- **Andre Alexander Small** presented the paper, jointly with Nagarani Ponakala and Girija Jayaraman, “Peristaltic Transport of A Newtonian Fluid in a finite length tube”, the 10th Faculty of Science and Technology Conference, UWI, Mona, June 9–11, 2015.

- **Kirk Morgan** presented the poster “Non-existence of bound states for the Dirac-equation in the Kerr-de-Sitter metric”, The 14th Marcel Grossman Meeting, University of Sapienza – Rome, Italy July 12–18, 2015.

**CONFERENCE AND SEMINARS PARTICIPATION WITHOUT PAPER/TALK**

- **Mr. Richard Plummer** attended a seminar on “Applied Finance with R”, University of Illinois at Chicago, May, 2015.

- **Mr. Richard Plummer** attended the 22nd International Conference of Adults Learning Maths (ALM); Theme “Opening Our Mathematical Eyes”: Alexandria, VA Washington DC, July, 2015.
• Kirk Morgan, attended the conference entitled “Topology and its Applications” at the City of University of New York – College of Staten Island, Staten Island, New York, USA., July 23–26, 2015.

INVITED VISITS AND SEMINARS

• Dr. Conall Kelly presented the seminar “Lyapunov exponents and stochastic systems”, Department of Mathematics, The UWI at Mona, October 2014.

• Dr. Conall Kelly presented the seminar “Polynomial difference equations under stochastic perturbation”, Stochastic dynamics research group seminar, The UWI at Mona, December 2014.

• Dr. Conall Kelly presented the seminar “Stochastic stability analysis of a reduced galactic dynamo model with perturbed □-effect” to the workshop “Stochastic stabilization of limit cycle dynamics in ecology and neuroscience”. American Institute of Mathematics, San Jose, California, USA. April 2015.

• Professor Alexandra Rodkina visited University of Calgary, Calgary, Canada, May-June 2015 with Professor E. Braverman to pursue research activities.

• Professor Alexandra Rodkina visited University of Texas A & M College Station, Texas, USA, April 2015 Professor P. Kouchment to pursue research activities.

• Dr. D. Batic presented the seminar “The Dirac equation in the Kerr-de Sitter metric: analysis of the eigenvalues of the angular problem”, Universidad de los Andes, Bogota, Colombia, January 2015.

• Dr. D. Batic presented the seminar “Potentials of the Heun class”, Petroleum Institute, Abu Dhabi, Arab Emirates, March 2015.
PUBLICATIONS


Department of Mathematics


**INCOME GENERATION**

The department offered 14 full courses across all levels and 14 examination-only sittings for Level 3 courses as part of its annual summer school. We anticipate that income will be received from the MSc Enterprise Risk Management programme (offered jointly with Mona School of Business & Management) at the end of the financial year.

**PUBLIC SERVICE**

- Dr. N. Ponakala served as External Examiner for the Department of Mathematics, University of Technology, Jamaica.
- Dr. N. Ponakala served as University Examiner for Department of Mathematics and Statistics, the University of the West Indies, St. Augustine Campus, Trinidad & Tobago.

Members of the department also regularly act as editors and peer reviewers for international journals.

**STUDENTS**

The department has graduated an average of 72.2 B.Sc. students per year since 2010 with one of the following degrees: BSc Mathematics (major or minor), BSc Actuarial Science, BSc Mathematics with Education, BSc Mathematics with Economics, and BSc Mathematics & Modelling Processes.

Since 2010 to 2014, a total of 361 students graduated from the department. This is broken down as follows:

<table>
<thead>
<tr>
<th></th>
<th>2010</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students</td>
<td>52</td>
<td>68</td>
<td>62</td>
<td>105</td>
<td>74</td>
</tr>
</tbody>
</table>

This year a total of thirteen students graduated with a First Class Honours degree.
Information on Students

The number of students graduating in each programme over the last five years is shown below:

<table>
<thead>
<tr>
<th>Year</th>
<th>Math</th>
<th>Actuarial Sci</th>
<th>Math/Ed</th>
<th>Math/Econ</th>
<th>Math/Modelling</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010/11</td>
<td>7</td>
<td>35</td>
<td>1</td>
<td>9</td>
<td>–</td>
<td>52</td>
</tr>
<tr>
<td>2011/12</td>
<td>18</td>
<td>33</td>
<td>2</td>
<td>15</td>
<td>–</td>
<td>68</td>
</tr>
<tr>
<td>2012/13</td>
<td>18</td>
<td>26</td>
<td>6</td>
<td>10</td>
<td>2</td>
<td>62</td>
</tr>
<tr>
<td>2013/14</td>
<td>19</td>
<td>38</td>
<td>18</td>
<td>26</td>
<td>4</td>
<td>105</td>
</tr>
<tr>
<td>2014/15</td>
<td>8</td>
<td>57</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>74</td>
</tr>
</tbody>
</table>

For the 2014/15 academic year the total number of registered undergraduate students is as follows:

- Preliminary level: 206
- Level I: 678
- Level II: 189
- Level III: 102

Undergraduate Research

Two Actuarial Science students presented their work at the FIU McNair Scholars Research Conference held at Florida International University, Miami, USA over October 16–18. Four final-year students presented the results of their research project at the 10th Conference of the Faculty of Science and Technology, as part of the undergraduate forum, at which another group presented a poster.
Mathematics Bridging Programme

The programme ran for Nine (9) weeks with 1 tutor and fourteen (14) registered students. Despite the low attendance, the department continues to encourage persons to attend and has made a plan to embark on intensive advertisement to increase its numbers for the upcoming academic year.

Mathematical Olympiad

The Department of Mathematics organized two Olympiad programmes last year. The Junior Mathematical Olympiad was held in three rounds for students in Grades 4, 5, and 6. The Jamaican Mathematical Olympiad was held in four rounds for students in Grades 7 through 11. The department also took a team of three students to an international mathematics competition, held in Mexico in June 2015, at which they won their second medal.

GRADUATE PROGRAMMES

MSc Enterprise Risk Management

This year we received our third cohort of 20 students in Semester 1 of 2014/2015. The first set of students graduated from this programme in November 2014 with 12 students receiving their degrees with Distinction. This year students from cohort 2 are expected to complete their requirement for their award of their degree.

MSc Mathematics Programme:

The department awarded for the first time, a bursary to one student in the MSc Mathematics. The award was based upon examination performance and financial need, covers the cost of fees and provides a contribution to living expenses. In addition, two further students were awarded grants for the purchase of academic materials, one of which was generously provided by Professor Jayaraman.
Research Students

During the 2014/15 academic year there were 5 MPhil students and 2 PhD students registered in the department.

One PhD (Dr. Peter Palmer) and two MPhil students (Mr. Runako Williams & Mr. Dujon Dunn) graduated this year with one of the student – Mr. Williams received the award for Most Outstanding Thesis from Graduate Studies & Research, Mona Campus.

Both Mrs. Binil Sebastian-Thomas and Mr. Andre Small submitted their theses for examination at the end of the academic year.
OVERVIEW

During the year consultations were held with all categories of stakeholders to craft a new Five Year Strategic Plan for the Department. The new plan is premised on growth and expansion and replaces the previous plan which expired in 2013/14. The previous plan emphasised establishing a foundation for the delivery of high quality Physics Teaching, Innovation and Research, Intellectual Leadership and Public Service, and the implementation of Student Friendly Systems and a harmonious work environment.

UNDERGRADUATE CURRICULUM REFORM AND TEACHING

2014/15 was the first year that the entire reworked Physics programme was offered. The reworked Programme is premised on (i) Five Undergraduate Majors in Medical Physics, Energy and Environmental Physics, Materials
Science, General Physics and Electronics; (ii) a common Physics Core and mandatory Mathematics Courses across all Majors; (iii) a simplification of student choices; (iv) 3-Credit Courses; (v) new Laboratory Courses; and (vi) an expanded credit requirement aimed at increasing the breadth of material covered in Majors and Minors. The steady increase in student numbers at the advanced level continued, however the number of students registered for Introductory Physics fell again for the second year. This may in part have to do with the expanding Engineering School intake. The Department maintains its relationship with the Mona School of Engineering through the teaching of Electronics Courses under the Shared Resources Model.

Student satisfaction with teaching remains high. The Full-Time Staff complement increased by one to nine (9) when Dr. Louis-Ray Harris (Electronics) joined the Department. However, by the end of the year, Dr. Venketswarao Penugonda and Dr. Jean-Francois Dorville both resigned to pursue other opportunities. Two new Lecturers are expected to join the Department in 2015/16.

Two students will graduate with First Class Honours. Approximately 21 students will graduate with Physics majors or minors. In keeping with its drive to reward exceptional students, as well as mentor them to achieving honours, the Department continues to induct new and returning students to the Physics Honours Society. This year 25 students were inducted.

RESEARCH AND GRADUATE ACTIVITY

The four (4) established Research Groups remain active. A fifth Group focused on Electronics is finding its footing. The groups continue to attract new grants, the most significant being a US$10.6 million grant for a five-year regional programme for building regional climate resilience to be jointly overseen by the Climate Studies Group, Mona (CSGM) and the Mona Office for Research and Innovation (MORI). Research topics emphasize the applied nature of Physics and continue to be interdisciplinary. Active Research areas include Statistical and Dynamical Downscaling of Climate Data, Evaluation of Renewable Energy

The Department sought and got approval for two MSc programmes in Renewable Energy Management and Renewable Energy Technology to begin in September 2015. Approval was also granted for an MPhil and PhD in Applied Physics to meet the growing demand for interdisciplinary studies grounded in principles of physics, for example, those directly related to the Applied Physics majors offered by the Department.

The Department produced thirteen (13) Publications, which fell short of the target set of two (2) Peer Reviewed Publications per Full-Time Academic Staff. Dr. Kert Edward received the Principal’s Award for the Most Outstanding Researcher and the Best Publication, in the Faculty of Science and Technology. Dr. Andre Coy won the Award for the Research Project Attracting the Most Research Funds. Postgraduate student Maurice Miller was the 2014 winner of the best Graduate Research Publication for the Faculty of Science and Technology for his article Evaluation of gamma activities of naturally occurring radioactive materials in uncontaminated surface soils of Jamaica. The article was co-authored with Professor Mitko Voitchkov. This is the second year that a Physics graduate student is winning this award.

Graduate enrolment was 23 Research Students and 27 MSc Students. Several graduate students participated in International and Local Conferences and International Exchanges. Noteworthy is Maurice Miller and Roxann Brown’s selection and participation in the Commonwealth Science Conference organized by the Royal Society and the Queen Elizabeth Diamond Jubilee Trust, and Phyllicia Ricketts’ selection to participate in the 22nd Annual Women in Nuclear Science. Both Mrs. Brown and Ms. Ricketts won awards for best poster presentations. More than half of the Peer Reviewed Publications from the Department were co-authored by Graduate Students.
Four PhD’s were awarded: Dale Rankine with High Commendation, Maurice Miller, Victor Douse and Tanya Kerr.

Under the IADB-BRIDGE programme, a collaborative international effort to build capacity in renewable energy in the Caribbean, postgraduate students Sameer Simms, Leafood Henderson and Dudley Williams received internships to respectively the Edinburgh Centre for Carbon Innovation (Scotland), Jamaica Broilers (Jamaica) and General Electric (USA & Jamaica), and one undergraduate student Melissa LeBlanc received a scholarship to attend a Renewable Energy Summer School in Aruba. Postgraduate student Daren Watson and Laboratory Technologist Joni Hall went on training exchanges to China, while Senior Laboratory Technologist Andre Gordon went on exchanges to Germany and Spain funded by the IAEA.

OUTREACH AND PUBLIC SERVICE

The Department hosted its Annual CAPE Workshop for high school students. The workshop was held at Mona for 5 days and at Western Jamaica Campus for 2 days in January 2015. Over 1000 sixth form students attended from over 30 high schools. Over 150 students from 4 high schools also visited the Department, on multiple occasions, to do Physics labs to aid with the lab component of the CAPE and CSEC syllabus. The Department also hosted over 30 students from 2 colleges for experiments as well as a number of primary schools.

The Department continues to actively participate in Outreach Activities of the Faculty and University. These include Research Days 2015 where the suite of tools developed by the Climate Studies Group, Mona were part of the main highlights; Denbigh 2014, Western Fair 2015, Titchfield High School Career Day, and Math Olympiad 2015.
STAFF EXCHANGE

Dr. Tannecia Stephenson visited the Department of Infrastructure at the Anton de Kom University of Suriname for three weeks in May where she lectured a course entitled Physics Infrastructure.

MILESTONES

Dr. Tannecia Stephenson was awarded the Bronze Musgrave Medal for Science. She was also promoted to Senior Lecturer. Drs. Kert Edwards and Louis-Ray Harris were appointed Senior Members of the IEEE. Prof. Michael Taylor delivered the Grace Kennedy Foundation Annual Lecture. Mrs. Ilene Thomas, Laboratory Attendant, and Mr. Rudolph Blair, Senior Instrument Laboratory Technician both retired after 34 years of service. Ms. Ann-Marie Miller, Senior Secretary, resigned. Four staff members received Long Service Awards: Mrs. Beverley Hurlock-Cox (21 years), Dr Leary Myers (21 years), Mr. Steven Box (21 years) and Prof. Michael Taylor (15 years).

INFRASTRUCTURE UPGRADE

The Preliminary Physics Laboratory was refurbished.

DEPARTMENTAL STATISTICS

Total Student Registrations

(Columns to right indicate previous year totals and include Engineering courses. Years II and III include overlaps.) See page 412
Postgraduate Student enrolment:

MPhil seventeen (17) students (F/T and P/T); PhD ten (10) students; MSc twenty seven (27) students (all years)

PRIZES AWARDED

- The Professor John Lodenquai Prize for Introductory Physics: Theodore Ludlow Wynter;
- Level II – Departmental Prizes: Savanna Rae Lloyd & Alton Patrick Daley;
- Michael Tharmanahthan Physics Bursary: No award made;
- Francis Hadden-Bowen Bursary: Keith Astley Kurt Samuda
PUBLICATIONS

Book


Book Chapter


Journal Articles

- **Burgess, C. P., M. A. Taylor, T. S. Stephenson**, and A. Mandal, 2015: Frequency analysis, infilling and trends for extreme precipitation
\( \text{doi:10.1016/j.ejrh.2014.10.004} \)


PEER-REVIEWED CONFERENCE PROCEEDINGS

• 10th FST Conference 2015, “Non-invasive indirect characterization of hypoglycin levels in Jamaican ackees” David Moodie, Tanya Kerr and Kert Edward.

• 10th FST Conference 2015, “Predicting the intelligibility of noisy speech to hearing impaired listener” Lindon Falconer and Andre Coy.


• 10th FST Conference 2015, “Wind resources map of Jamaica” Andrew Johnson.


• 10th FST Conference 2015, “Thermal modelling and experimental validation of a hybrid PVT” Sameer Simms and Jean-Francois.


• 10th FST Conference 2015, “First experimentation of Photurgen: An optimization and management software for hybrid renewable energy systems” Daren Watson.

• 10th FST Conference 2015, “Projecting end-of-century North
Atlantic Hurricane activity using forecast statistical models” Jhordanne Jones.

• 2015 CIRP GENERAL ASSEMBLY in CAPE TOWN, SOUTH AFRICA, 23–29 August 2015, “Non-destructive evaluation of nanoscopic subsurface features in fabricated samples” K. Edward and F. Farahi; (to be presented by Prof. F. Farahi).

SIGNIFICANT FUNDING

• UWI New Initiative Grant (2015) to investigate the effects of wireless device use on human health in realistic environments (J$1.5 million). PI: L. Harris


• Mr. Da-Vaughn Sanderson – Postgraduate Student was awarded a Grant of US$2,651.77, from the Postgraduate Research Fund, for Project entitled: “The Uptake, Distribution and Impact of Cadmium on Irish Potato”.

PUBLIC SERVICE

Anthony Chen
– Member, Climate Change Advisory Board, Ministry of Land, Water, Environment and Climate Change
– Member, GEF- Small Grants Programme

Andre Coy
– Reviewer Journals, IEEE Transactions on Audio, Speech and Language Processing, Computer Speech and Language, Instrumentation Science & Technology
– Member, IEEE Signal Processing Society
Department of Physics

- Member IEEE Communications Society
- Member STEM Integration Committee – Ministry of Education
- Advisor to the Ministry of Education – Core Curriculum Unit.

Victor Douse
- Chairman, Cement Technical Committee, Bureau of Standards
- Technical Assessor, Jamaica National Agency for Accreditation (JANAAC)
- Chairman, Aggregates Technical Committee
- Vice Chairman, Building and Associated Materials Committee.

Kert Edward
- Member, American Association for Cancer Research, Optical Association of America, IEEE, SPIE
- Member (elected), Institute of Physics, The Scientific Research Society (elected)
- Reviewer, Optics Letters, Optics Express, Biomedical Optics Express, Applied Optics, Optical Engineering and Tissue Engineering, Mathematical Biosciences
- Reviewer, SPISE program for the Caribbean Science Foundation.

Louis-Ray Harris
- Member IEEE Electromagnetic Compatibility Society
- Member IEEE Antennas and Propagation Society

Leary Myers

Penugonda Venkateswara Rao
- Member Materials Research Society (MRS)
- Reviewer *Journal of Radiation Research and Applied Sciences, Materials Science-Poland and Spectroscopy Letters.*
Tannecia Stephenson
– Member, National Committee for Climate Change Adaptation and Disaster Risk Reduction
– Member, CORDEX Science Advisory Team, Joint Scientific Committee of the World Climate Research Programme (WCRP)
– Reviewer Journals, Climate Research, Climate Dynamics

Michael Taylor
– Member, Board, Water Resources Authority
– Member, Climate Change Advisory Board, Ministry of Land, Water, Environment and Climate Change
– Member, International Science Panel of VAMOS/CLIVAR
– Member, Steering Committee, Pilot Project on Climate Resilience (Caribbean)

Mitko Voutchkov
– Member, Jamaica’s Energy Council, Ministry of Science Technology, Energy and Mining;
– Member, Heavy Metal Task Force, Ministry of Health
– Life Member, International Society of Environmental Geochemistry and Health
– Chairman, Technical Advisory Committee “In-situ Methods for Characterization of Contaminated Sites”, International Atomic Energy Agency (IAEA)
The Mona School of Engineering (MSE) added the Bachelor of Science in Electrical Power Engineering (EPE) to its list of programme offerings for the 2015/2016 academic year. The Programme has the full support of the Jamaica Public Service (JPS). Staff members from the JPS will commence teaching in Semester 2 of the 2015/2016 academic year.

Student enrollment continues to increase in spite of the challenges of financing the US$10,000 tuition that was implemented in academic year 2013–14. Four (4) additional teaching staff were employed to the Mona School of Engineering to commence teaching and research in academic year 2015–16. These include Drs. Adrian Lawrence, David Smith, Carlton Hay and Noel Brown.

MonaTech, the commercial arm of the Mona School of Engineering, was formed in November 2014 and commenced operations on April 7, 2015. Mona-Tech provides world class engineering services to local companies while simultaneously providing apprenticeship training for
graduates, thereby facilitating an easy transition from academic development, into practical applications.

Partnerships and collaborations with external institutions were also forged during the 2014/2015 academic year. In light of this, Memoranda of Understanding were signed between the University of the West Indies and Advanced Integrated Systems (AIS) and also with the Jamaica Public Service (JPS).

**STAFFING**

Four PhD candidates were recruited during the 2014/2015 academic year:

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification (expertise)</th>
<th>PhD Granting Institution</th>
<th>Position in MSE</th>
<th>Terms of Contract</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adrian Lawrence</td>
<td>PhD, Civil Engineering</td>
<td>University of Florida</td>
<td>Lecturer, Civil Engineering</td>
<td>Full time contract</td>
</tr>
<tr>
<td>Carlton Hay</td>
<td>PhD, Civil Engineering</td>
<td>University of Florida</td>
<td>Lecturer, (Geotechnical, Materials)</td>
<td>Fixed Term Contract</td>
</tr>
<tr>
<td>David Smith</td>
<td>PhD, Civil Engineering</td>
<td>Queens University (Canada)</td>
<td>Lecturer, (Fluids and Coastal Engineering)</td>
<td>Fixed Term Contract</td>
</tr>
<tr>
<td>Noel Brown</td>
<td>PhD, Civil Engineering</td>
<td>Queens University (Canada)</td>
<td>Lecturer, Civil Engineering</td>
<td>Fixed Term Contract</td>
</tr>
</tbody>
</table>

Student Enrollment for the 2014/2015 academic year

<table>
<thead>
<tr>
<th>Programme</th>
<th>No. of Applicants</th>
<th>No. of Offers</th>
<th>No. Accepted</th>
<th>No. Registered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civil Engineering</td>
<td>254</td>
<td>108</td>
<td>74</td>
<td>36</td>
</tr>
<tr>
<td>Computer Systems</td>
<td>195</td>
<td>37</td>
<td>24</td>
<td>12</td>
</tr>
<tr>
<td>Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronics Engineering</td>
<td>215</td>
<td>69</td>
<td>43</td>
<td>23</td>
</tr>
<tr>
<td>Total</td>
<td><strong>664</strong></td>
<td><strong>214</strong></td>
<td><strong>141</strong></td>
<td><strong>71</strong></td>
</tr>
</tbody>
</table>
EMPLOYMENT STATISTICS

The MSE is proud to report that 100% of its students who graduated in the 2014/2015 academic year are fully employed. These students are employed to companies such as Digicel, HUAWEI, Advanced Integrated Systems (AIS), KPMG and WISYNCO. All 14 students at the MSE who have completed their graduation requirements for the 2014/2015 academic year [eligible for graduation in October 2015] are also fully employed.

FIRST CLASS HONOURS RECEIVED

Mr. Raymou Wilson, student in the Electronics Engineering Programme, was awarded a Bachelor of Science degrees with First Class Honours.

New Programmes

Final arrangements were put in place for the start of the Electrical Power Engineering Programme in September 2015. The Programme has the full support of the Jamaica Public Service (JPS). Staff members from the JPS will commence teaching in Semester 2 of the 2015/2016 academic year.

INCOME AND EXPENDITURE

For the 2014/2015 academic year, the Mona School of Engineering’s budgetary statement showed a consolidated surplus brought forward of J$11,052,446.57, consolidated income for the period of J$96,329,153.61 and expenditure of J$71,263,861.89 resulting in a cumulative surplus of J$36,117,738.29.

MEMORANDA OF UNDERSTANDING

Advanced Integrated Systems

Dr. Paul Aiken (Director of the School of Engineering), Doug Halsall (Chairman of Advanced Integrated Systems Ltd.), Everton Grennell
(Director of Sales at AIS) along with other members of the UWI Community witnessed the signing of a Memorandum of Understanding between the Mona School of Engineering and Advanced Integrated Systems (AIS) in November 2014. The Principal, Professor Archibald McDonald, and Mr. Doug Halsall signed the MOU which will facilitate student integration of classroom and lab work with practical experiences. The aim is to help students develop their entrepreneurial skills and gain the necessary work experience whilst completing the degree programme. The students are expected to transition as junior engineers into MonaTech where maintenance services will be provided to AIS.

**Jamaica Public Service**

Members of the UWI Community were on hand to witness the official signing of the Partnership Agreement between the Jamaica Public (JPS) Foundation and the Mona School of Engineering on Tuesday, May 12, 2015 in the Council Room. The Principal, Professor Archibald McDonald and Ms. Kelly Tomblin, President and CEO, JPS signed the Agreement which will hallmark the start of the new Electrical Power Engineering Programme which is slated to commence in September 2015.

The Bachelor of Science in Electrical Power Engineering is a 3-year Programme which is designed to serve students who are desirous of pursuing a career path in electrical power generation, transmission and distribution. It offers in-depth study of the generation of electricity from fossil fuel (oil, coal and gas), renewable sources (sun, wind, biomass, etc.) and nuclear energy.

The JPS Foundation, under the Agreement, will provide trained electrical engineers to assist with teaching of the Programme; facilitate site visits for students at various generation, transmission and distribution locations under the control of JPS; facilitate student internships where the business and operations of JPS can accommodate such interns; assist with the development of the curriculum for the Programme; and assist in supplying equipment for electrical laboratories.
Mona-Tech Engineering Services Limited

Mona-Tech Engineering Services Limited (M-Tech) was formed in February 2015 and officially opened its doors on April 7, 2015. Mona-Tech Engineering Services is the commercial branch of the UWI Mona School of Engineering. Mona-Tech provides world class engineering services to local companies while simultaneously providing apprenticeship training for graduates, thereby facilitating an easy transition from academic development, into practical applications.

Mona-Tech’s service offerings include: 1) maintenance of equipment and engineering systems; 2) research and development geared towards addressing national, regional and international engineering challenges; 3) engineering support services and energy conservation strategies for corporate, industrial and residential clients; 4) maintenance of biomedical and clinical equipment and systems; 5) maintenance of analytical and industrial equipment and systems; 6) training, apprenticeships and internships; 7) engineering consultations.

Mona-Tech is 60% owned by the University of the West Indies and is governed by a seven-member Board of Directors, led by a Managing Director and a 7 member support staff including an engineering manager, administrative services manager, engineering, technical and ancillary employees. Mona-Tech’s partners include: The University Hospital of the West Indies, The University of the West Indies, Equipment Manufacturers and other biomedical facilities.

OUTREACH

The MSE continues outreach activities via partnerships with Physics Department, the Faculty of Science and Technology and the UWI Mona recruitment team. This activity included visits to various institutions across the island as well as participation in a number of Open House, Orientation and Research Day activities. Outreach initiatives will increase during the 2015–16 to include the staging of our local open house activities [to showcase student final year project and engineering research], visits to institutions across the Caribbean and workshops geared at
improving the performance of high school students in the [Physics] CAPE examinations.

TEACHING, LEARNING AND DEVELOPMENT

Inaugural Lectures

The Mona School of Engineering (MSE) hosted two Inaugural Lectures as part of an initiative to introduce its students and the wider public to LEED, or Leadership in Energy & Environmental Design, a green building certification programme that recognises best-in-class building strategies and practices. The Lectures were aimed at sensitizing persons to new and innovative methods in building and construction and to the benefits of adopting this framework.

The first lecture in the series entitled “The LEED Rating System – an Introduction” was presented by Mr. Gary Hamilton, a LEED accredited professional with a specialty in building design and construction LEED AP BD+C on Thursday, March 5, 2015 in Physics Lecture Room B.

The second in the series of lectures entitled “Jamaica’s First LEED® Building: A Case Study” was delivered by Mr. Federico Aguilar, Caribe Hospitality’s Project Director for Central America and the Caribbean on Thursday, April 9, 2015.

The Mona School of Engineering also arranged for students in its Civil Engineering Programme to visit the Marriott Hotel in New Kingston, which is currently under construction. The 129-room Marriott Hotel will be the first LEED® accredited building in Jamaica.

Staff Contributions to Teaching, Learning and Development

Dr. Tania Henry

Fall 2014

- Fall Seminar Presentation - Physics Department Seminar Series
- Facilitated Site Visit by National Minority Business Council (NMBC)
Dr. Nicholas McMorris

Publications

• JIE Conference Paper with Dr. Omar Thomas. “Emerging Trends in Effective Bridge Management versus Bridge Maintenance.” Omar Thomas, Ph.D., M.JIE, P.E.1; Nicolas McMorris, Ph.D., P.E.2

Student Development Workshops

The Mona School of Engineering hosted a Career 101 Workshop for final year students in the Electronics Engineering Programme on April 24, 2015. Guest presenters and topics included:

• Mr. Roger Bent, Director of Student Affairs, University College of the Caribbean (UCC) – Effective Public Speaking
• Ms. Brigitt Hoosang, Member of the Board, Placement & Career Services – Dress for Success
• Ms. Silina Patterson – Manager, HR Business Services, Jamaica Public Service Company Limited – Interview Techniques
• Mr. Doug Halsall – CEO, Advanced Integrated Systems – Qualities of a Successful Leader
JAMPRO Symposium

Mr. Lindon Falconer, lecturer at the Mona School of Engineering, along with Mr. Chadwick Barclay and Mr. Alfred Fullwood [both final year students at the Mona School of Engineering] were invited to participate in the JAMPRO Symposium on Opportunities in Electronics Manufacturing. The students were exposed to a number of discussions surrounding the manufacturing sector in Jamaica; the challenges and opportunities, the benefits of entrepreneurship and students were able to forge relationships with prominent members of that sector.

Student Chapters

- Dr. Nicolas Mcmorris started the student chapter of the Institute of Structural Engineers, Jamaica Chapter.

Scholarship Opportunities

Mr. Chadwick Barclay, Mr. Moran Singh and Mr. Kevaun Stewart, all final year students in the Electronics Engineering Programme, were recipients of the LIME Foundation 10th Anniversary Scholarship. The scholarships were awarded based on academic performance, financial need and general citizenship. The recipients are expected to complete 100 hours of community service, either with the LIME Foundation or UWI Development and Endowment Fund.

Student Awards

Mr. Raymou R Wilson, a recent graduate of the Mona School of Engineering, was recognized by the Jamaica Institution of Engineers [at its annual Awards Ceremony on December 2, 2014] as the Top Engineering Student at the UWI, Mona Campus for the 2013/2014 academic year.
RESEARCH AND INNOVATION

Dr. Tania Henry

Spring 2015
• UWI Research Day Presentation-Poster Presentation (Physics MPhil Student)
• Supervised Undergraduate Research Project (Physics Undergraduate-UWI)
• Supervised MPhil Thesis Project (Physics Graduate Student- UWI)
• Established ongoing research collaboration and signed Visiting Scientist Agreement with SUNY Polytechnic Institute’s, College of Nanoscale Science and Engineering at the University of Albany.

Summer 2015
• FST Conference Presentation-Oral Presentation (Physics MPhil Student)
• Panelist: Women in Motion Networking Series™: Women in Technology, New York, NY, hosted by the National Minority Business Council (NMBC)
• Supervised Physics Summer Research Project (Physics Undergraduate-UWI)
• Supervised Engineering Summer Research Projects (Two Physics Undergraduates- UWI)
• Supervised MPhil Thesis Project (Physics Graduate Student- UWI)
• Visiting Scientist at SUNY Polytechnic Institute’s, College of Nanoscale Science and Engineering at the University of Albany. Research activities involve group III-Nitride Semiconductor nanostructures.

Dr. Omar Thomas
• Research focused on Non Destructive Evaluation of Concrete.
• Collaborations with:
• Dr. Kirk Spence to begin work on 3-D printed Buildings.
• Brian Alberga to help create the Jamaica Green Building Council.
• Heather Pinnock & the Institute for Sustainable Development to help review the design & plans for the first “Net-Zero Energy Building in Jamaica”. Funded by UN & Global Environmental Fund.
INTRODUCTION

In keeping with the strategic focus of the University within the six perspectives of teaching, learning and student development, employee engagement and development, research, outreach, financial and internal operational processes, the Faculty instigated a significant number of initiatives over the period. This report provides highlights of the work of the Faculty of Social Sciences, Mona in the academic year 2014–15.

The Faculty began the year with the staging of its annual Faculty Day under the theme: “The Future of Higher Education at UWI: Implications for the Social Sciences”. As in previous years, Faculty Day provided an opportunity for all staff members to contribute to the planning and implementation of the Faculty’s vision and tactical plans and to review its strategic priorities. The day’s activities included special presentations from Ms Zahra Orane, a Strategic Planning Consultant supporting the Office of the Principal in the execution of the Mona Campus Strategic Initiatives, representatives of the Mona Office for Research and Innovation (MORI) who presented on the mission and work of the recently created organization, and a representative from the Human Resources Management Division who spoke generally on employee engagement, addressing issues related to the physical and psychosocial impact of the work environment.
HIGHLIGHTS OF ACHIEVEMENTS IN THE FACULTY

The Faculty congratulates Drs David Tennant, and Abdullahi Abdulkadri two of its senior lecturers from the Department of Economics on their promotion to Professor of Development Finance and, Professor of Applied Economics respectively. Additionally, Drs Moji Anderson and Andrew Spencer were promoted to Senior Lecturer.

Similarly, we congratulate several staff members who were recipients of other prestigious awards: Dr Damien King, Head of the Department of Economics, was the runner-up for the UWI/Guardian Group Premium 2014 Teaching Award for excellence in and commitment to teaching and learning; Dr Jessica Byron, Senior Lecturer in the Department of Government was designated “Chevalier de L’Ordre National du Merite” by the Government of France. She was conferred with this prestigious award that is open to French or Non-French individuals with a minimum of ten (10) to fifteen (15) years of civil or military service with distinguished achievements; Dr Orville Taylor received the Morris Cargill Award for Opinion Journalism from the Press Association of Jamaica.

In 2014-15, The Mona School of Business and Management (MSBM) was re-accredited by the Association of MBAs (AMBA) for a further three years after a comprehensive review of the school’s E/MBA programmes. AMBA commended the school for: the successful completion of the merger; staff and student commitment, and the strength of its leadership team; the “executive-in-residence” programme; impressive links with the corporate and business sectors; and recognition by national employers of the quality and reputation of UWI MBA graduates but identified key actions that the school needed to attend to, such as a comprehensive review of the structure, content and curriculum of the programmes in the MBA portfolio, in order to maintain its accreditation.

Other notable undertakings included (1) The proposal for the establishment of an Economic Policy Research Unit (EPRU) within the Department of Economics, spearheaded by Professor Edward Gharrey, was approved by the Finance and General Purposes Committee (F&GPC) Mona in November 2014: (2) The initial offering of the Diploma in Social
Protection, a joint effort between the Faculty and the Organisation of American States (OAS), concluded in 2014–15 with thirteen (13) of the fourteen (14) participants completing; seven with distinction. The programme was developed to build and enhance capacity to conceptualize and design Caribbean or country specific social protection strategies, policies, and programmes, enhance capacity to deliver social protection programmes, and to build and enhance monitoring and evaluation capacity. The Faculty would like to thank Dr Heather Ricketts and her team who spearheaded the Faculty’s participation in this partnership with the OAS.

Following the successful completion of the UWI/Ministry of Education (MOE) National College for Educational Leadership (NCEL) Aspiring Principal’s Pilot Programme, the UWI and the MOE met in April 2015 to discuss the Ministry’s interest in expanding the programme within UWI. Based on the initial discussions, there was agreement to explore the possibility of the establishment of a Centre, at the Mona School of Business and Management (MSBM) to continue housing the programme as a collaborative arrangement between NCEL and MSBM.

**CHALLENGES**

For some time now, the Faculty has been faced with the problem of mould and poor air quality in some sections of the Alister McIntyre Complex. This has caused great inconvenience for both staff and students. Efforts have been made to re-locate some staff members who were very badly affected to the Aqueduct Flats and effect short term interventions to ameliorate the situation. A project team managed by Gillian Scarlett from the Projects Office and members from affected departments as well as all the experts from around the campus, has been established to eradicate the problem. So far, extensive cleaning of the infected areas, furniture, and computer items has taken place, while the project is on-going. In the interim individual air-conditioning units have been installed in certain teaching spaces in order to begin the new academic year. The mould eradication programme should be completed by year end.
FINANCIALS

In the harsh economic climate and in an effort to contribute to the finances of the Campus, the Faculty has sought to enhance and expand its self-funded programmes. For the academic year 2014–15 our Weekend Programmes netted approximately JA$8,000,000; Summer School produced a profit of JA$20,000,000, and the Department of Sociology Psychology and Social Work generated profits of approximately JA$67.5 Million through their Applied Psychology, Clinical Psychology, MSc HRD/PhD OB programmes. Other departments have made substantial earnings from similar programmes, with a total of close to twenty (20) self-financed graduate programmes.

EMPLOYEE ENGAGEMENT AND DEVELOPMENT

Over the academic year 2014/15, the Faculty continued with its focus on improving and advancing staff engagement and development through a variety of interventions in all departments. The Department of Sociology Psychology and Social Work (SPSW), for example employed a consultant to review its administrative structure, work flow, analysis of work tasks and assessments of staff competencies and job descriptions. Additionally, the administrative staff and the Head of Department for SPSW attended and participated in a workshop titled: How to Create a Rocking Work Environment. This was geared towards motivating staff and improving the work environment.

Notwithstanding the lack of finances, the Faculty supported many of its academic staff with requests to attend international conferences. Among these, Dr Christine Clarke from the Department of Economics attended the Commonwealth Secretariat’s workshop on Building Resilience in the Caribbean held in London April 2–5, 2015 and presented on Regional Public Goods and Potential Synergies across the Caribbean. In January 2015, Dr Jessica Byron attended a Conference at the Université Antilles-Guyane in Guadeloupe and presented on the topic “Regional Responses and Perspectives on the Cuba-US Rapprochement”. Dr Orville Taylor presented a paper titled “Mario Deane aint Trayvon Martin” at the
INTERNAL OPERATIONAL PROCESSES

The FSS Dean is the Perspective owner for the Internal Operational Processes for the Campus-wide initiatives. The perspective contains three Objectives: Improve Academic and Administrative Process Efficiency, Strengthen ICT as a Strategic Enabler, and Optimize and Improve the Physical Plant. These three objectives consist of nine initiatives that are managed by Seven Initiative Owners. Some of these activities include contact with external entities (such as Digicel Business) for collaboration, on improving ICT facilities on the campus and to strengthen our WiFi capability in classrooms, common areas, and halls of residence and to establish a point of presence for fibre connectivity on the Campus.

Additionally, the ICT Advisory Committee in collaboration with the Mona School of Business and Management was successful in implementing a proposed project of a mobile App to enhance information and service delivery to students. This has since been launched. The App’s features include class schedules, faculty and staff directory, calendar of events, news, reservations/scheduling for study spaces, videos/photos, social media integration, campus maps and on campus dining options. It is hoped that the App will soon become available to other departments and students within the Faculty.

TEACHING, LEARNING AND STUDENT DEVELOPMENT

In an effort to improve academic excellence in the Faculty, several new programmes and courses were introduced and approved and others strengthened and improved. In this regard, the Mona School of Business and Management (MSBM) revised its MBA programme. The revision which was approved by the Board for Graduate Studies will eliminate the Executive MBA (EMBA) programme and instead offer one MBA with two learning pathways instead of both MBA and EMBA as separate programmes. The programme will be offered full time and part time.
The revised programme is more in keeping with international standards and will help to facilitate stronger collaboration with the business community.

Similarly, the Department of Sociology, Psychology and Social Work (SPSW) restructured the BSc Social Work programme, increasing the number of credits from 90 to 99. The new programme aims to strengthen students’ skills in social intervention and provide specialized training on methods of responding to particular challenges faced by the school system. One of the three new courses offered is SOWK3011 – Social Work in Schools. The SPSW also proposed a revision of its existing MSc Sociology Programme, so as to bring it in line with the UWI Graduate Studies regulation that all taught MSc programmes should have no less than 35 credits. The Department of Government also revised and renamed both the BSc and MSc in Public Sector Management. The BSc programme, which will be offered at both Mona and the Western Jamaica Campus, was renamed BSc in Public Policy and Management and the MSc was renamed MSc in International Public and Development Management.

SALISES also effected a noticeable enhancement in a new course introduced to aid in student development, the proposed Caribbean Integration Institutions (Study Tour Experience) course. The course supports the Principal’s Regional Initiative on Caribbean Integration. It is a Summer School course which will offer an experiential learning opportunity to students interested in analyzing the role and performance of regional institutions in Caribbean integration and development. Participants will visit key regional institutions headquartered in the campus countries of UWI at Mona, Cave Hill and St. Augustine. They will also visit the Secretariats of the Organisation of Eastern Caribbean States (OECS) and the Caribbean Community (CARICOM). The course will expose students to the historical evolution of regional governance institutions and facilitate their investigation into the influence of various internal and external political, socio-economic and cultural factors on the institution-building process. Students will engage with case-study analysis and critiques of the contribution of regional institutions
to Caribbean development. They will develop skills in institutional analysis and apply those skills to the documentation of good regional governance practice and formulation of proposals for regional governance reform.

Improvements to resources and facilities that have noticeably enhanced teaching and learning are infrastructure upgrades that were done to the class rooms at the Mona School of Business and Management (MSBM), in particular the construction of a finance lab using Bloomberg technology. These upgrades no doubt will contribute further to the excellent rankings MSBM achieved in the published Eduniversal Best Masters Ranking 2014/2015. The following four Masters programmes were ranked among the top two hundred programmes in the world, in regional rankings of nine geographical zones.

• Master of Science in Accounting – ranked 11th in Accounting and Auditing, Latin America
• Computer Based Management Information System (CBMIS) – ranked 12th in Information Systems Management, Latin America
• Master of Science in Telecommunications Policy and Technology Management – ranked 27th in Engineering and Project Management, Latin America
• Master of Business Administration – Full Time – ranked 20th in MBA full time, Latin America

STUDENT ACHIEVEMENTS

Despite the financial constraints, the Faculty, continued to support students’ engagement and participation in local and international competitions and conferences to enhance their skills and abilities and the UWI profile overall. In this regard, the Faculty is proud to highlight two of its undergraduate students from the Department of Government, Garrick Donaldson and Rashaun Watson who placed 1st and 2nd respectively in the Southwestern Black Student Leadership Conference’s Oratorical Contest which was held on January 24, 2015 in Texas, USA.
The students are members of the Department of Government’s High Achievers Society. Based on the impressive performance of the students, the UWI was presented with an award for International Recognition. Similarly, three students from the Mona School of Business and Management (MSBM), Thamar Binns, Kacey-Ann Nelson and Jodi-Ann Stephenson, were awarded the 2014 NCB Vision Award on the basis of submitting the best business plan for their final year undergraduate entrepreneurial project.

Another exceptional student achievement was celebrated in November 2014 when MBA students from the MSBM placed 1st and 2nd in the 2014 Vincent HoSang UWI Venture Challenge competition. They also won prizes for: Best Presented Financials and the Joan Duncan Award for Corporate Social Responsibility. At the beginning of the academic year the Faculty supported SALISES in its effort to award two students from the MSc Development Programme graduate scholarships at a value of $400,000 each.

RESEARCH AND INNOVATION

The Faculty of Social Sciences continues to provide high impact research which influences national policy making and provides insights into problems of national importance. Some notable achievements from the Faculty over the academic year 2014–15 included the accomplishments of faculty members in the Principal’s Research Day Awards. Professor David Tennant received the award for Best Research Publication for the project article “Explaining Related Party Transactions in Commercial Banking: Looted lending and Information-based Investments”. Professor Densil Williams received the award for Most Outstanding Researcher for the following publications:

1. Resources and Failure of SMEs: Another Look
2. Competitiveness of Small Hotels in Jamaica: An Exploratory Analysis
3. SMEs’ adoption of enterprise applications: A Technology-organisation-environment Model

Professor Evan Duggan, Dr Maurice McNaughton, Dr William Lawrence received the award for the Research Project Attracting the Most Research Funds for the project entitled “Applied Research in Corporate Renewal and Transformation” and Professor Evan Duggan, Professor Stafford Griffith, Mrs Allison Bailey Wedderburn, Dr Luz Longsworth, Dr Anna Perkins, Dr Lila Rao-Graham received the awards for Research Project with the Greatest Multidisciplinary/Cross-Faculty Collaboration for the UWI Ministry of Education (MOE) National College for Educational Leadership (NCEL) Aspiring Principals Programme.

This year the Faculty’s staff members were engaged in a wide range of research efforts that focused on a variety of issues of relevance to our struggling Caribbean community. These were reflected in conference presentations, academic publications and technical reports. Topics explored included: Entrepreneurship and experiential learning; the effect of distance learning versus conventional delivery on student’s academic performance in Jamaica; Legal and regulatory barriers to entrepreneurship and innovation; International information systems issues and processes; Technology and how it influences and affects the travel and tourism industries; Cyber-crimes and the banking sector; Entrepreneurship; Family and locally owned businesses; Challenges of life and livelihoods in the workplace and community; The challenges of business education; Building human capital through education; Exploring the attitudes of Jamaican students towards school and academic achievement; Exploring the discourse on a Tablets-in-Schools programme; Employee resistance and the service experience; Women, beauty and aging; Women in the music industry; Children issues such as crisis and household vulnerabilities and child rights; Parenting; Masculinity and the role of fathers.

Other issues explored related to poverty; culture and the perception of culture; the importance of national culture on team work; Exploring the roots and legacies of modern Jamaica; Brand Jamaica; Sexuality and Passing in Jamaica; Rastafarianism; Marcus Garvey; Local Government and strengthening its capacity through performance management; The
West Kingston enquiry; Election Observation in the Caribbean; Jamaica’s Foreign Policy and Strategic Culture; Information Systems related issues and how they benefit organisations; Social Networking Systems and how they serve as motivation; Caricom and the Commonwealth relationship; Constitutional Reform and Social Partnership; Revisiting the Grenadian Invasion; Negotiating Caribbean Freedoms; Housing in Jamaica.

In the economic sphere, researchers examined phenomena such as Financing Development in Jamaica; the economics of sports; Financing tertiary education; Estimating the poverty line; Microeconomic recovery and growth; the financial crisis and lessons for the future; Rationalizing health care to sane cost of treating cardiovascular diseases in Jamaica; Prospects for a sustainable low-carbon future Jamaica; Digicel versus Lime and how consumers will fare in the fight for market share; Domestic interest rates and FDIs under uncertainty. On the international front, the Armenian genocide; Strengthening counterterrorism; CARICOM foreign policy; International security and drug control systems; The future of the OAS; Empirical evidence of economic growth and financial development in Ghana; Financial constraints and investment – evidence from US companies.

In continuing efforts to improve the quality of research supervision in the Faculty, the FSS Graduate Sub-committee finalized a document entitled “Towards an Indicative Doctoral Supervisory Model for the Social Sciences”. The guidelines, which were ratified by FSS Faculty Board, are intended to complement existing UWI regulations and the Graduate Studies and Research Handbook in order to promote:

- Improved accountability of supervisors and candidates;
- Timely completion of PhDs;
- Improvement in the supervisory experience for candidate and supervisor;
- Improved quality of theses; and
- Ethical authorship of research flowing from PhD research.

The guidelines also covered the following areas: Admissions; Identifying and assigning a supervisor and advisory committee; The role of
administrative support; The examination process; Recourse/redress and grievance; Issues relating to publications; and Withdrawal on the grounds of non-performance.

The Faculty is extremely proud of the accomplishments of its scholars, who launched eleven (11) books during the 2014–15 Research Days. They are as follows:

- *Identity, Culture and the Politics of Community Development*, edited by Dr Stacey-Ann Wilson
- *Fear of Cybercrime and its Implications for Electronic Banking: Lessons for the Global e-Banking Sector*, authors: Dr Lloyd Waller (lead author), Dr Corin Bailey with Mr Stephen Johnson
- *Teaching to Difference? The Challenges and Opportunities of Diversity in the Classroom?*, editors: Dr Stacey-Ann Wilson and Dr Nicole E. Johnson
- *Gangs in the Caribbean: Responses of State and Society*, edited by: Professor Anthony Harriott and Professor Charles Katz
- *Perspectives on Caribbean Football*, author: Dr Christopher A.D. Charles
- *Tourism Reader for the Caribbean*, author: Professor Ian Boxill and Diaram Ramjeesingh
- *The Remaking of Global Hegemony*, edited by: Professor Ian Boxill
- *Beyond the Shadows of Caribbean Cinema: Lighting a Caribbean Film Industry*, author: Dr. Anthony Frampton
- *Broken Promises, Hearts and Pockets: A Century of Betrayal of the Jamaican Working Class*, author: Dr Orville Taylor
- *Debt and Development in Small Island Developing States*, editors: Dr Damien King, Dr David F. Tennant
- *Knowledge Networks and Tourism*, edited by: Dr Michelle McLeod and Professor Roger Vaughan

Two other books were launched during the same period: Dr William Lawrence’s *Business Renewal and Performance in Jamaica* and Professor Densil Williams’ third book entitled *Competing Against Multi-Nationals*
from Emerging Markets: Case Studies of SMEs in the Manufacturing Sector.

A total of twelve (12) students completed the requirements for the PhD degree.

OUTREACH

Staff members from the FSS continue to be very active in various community outreach programmes. Several colleagues also availed themselves as discussants on current affairs issues on various television and radio programmes. Some such are: Dr Jermaine McCalpin spoke on the status of the West Kingston Commission of Enquiry on the programme All Angles. Dr Maziki Thame was a discussant on the topic “Beauty Contests, Race and Identity” also on All Angles. Dr David Tennant gave a public lecture to the Manchester Chamber of Commerce, titled ‘Creating national wealth through the Jamaica Logistics Hub: moving beyond ports and parks to people and processes’.

A plethora of well planned and executed Symposia, Fora, and Conferences were also organized.

CONCLUSION

Despite various difficulties and constraints, the FSS continued to take initiatives to improve and advance staff employee and engagement by continuing to support staff members’ attendance to various conferences and employing research assistants to help academics with their research projects. The Faculty has maintained and extended its scholarly footprint and quality in the area of teaching and learning specifically as it relates to revising and revamping a number of its undergraduate and graduate programmes and has introduced new courses to broaden students learning with a view to producing graduates with enhanced, work ready and life-long learning skills. Staff members continue to engage the wider community participating in worthwhile outreach projects and new and relevant research initiatives have continued, the publication of thirteen edited books highlights this accomplishment.
WORK OF THE DEPARTMENT

During the year under review, the Department continued its focus on the goals outlined in the strategic plan. Along with the delivery of our widely respected and increasingly popular undergraduate and graduate programmes, we continued our involvement in several academic and professional activities. These activities included the Department’s weekly research seminar, public lectures, symposia, radio and television interviews. Faculty members continued to sit on various public and private sector boards contributing to policy making decisions. Curriculum reform continues to be ongoing.

The Department said farewell to Mrs. Peta-Gay Fairclough-Campbell. She served in the Department of Economics for nine years of which four years was at the Western Jamaica Campus. She left to pursue doctoral studies in Canada. The Department, and indeed the entire Mona campus, mourned the passing of the retired Head of Department, Alfred – 442 –
Francis. He passed on July 24, 2015. Professor Francis who was a graduate of MIT, was a member of the Department of Economics from 1962 to 1984 and again from 1992 to 2004, serving two different stints as Head of Department. He retired from the Department in 2000 but continued to serve as George Beckford Professor for four years.

The Department conducted a symposium on “Financing Development in Jamaica”. The event saw a combination of academics and practitioners presenting on topics critical to development financing in Jamaica, responding to the question “Is the financial sector ready?” The two part symposium featured presentations from Professor David Tennant and Dr. Damien King of the Department, Mr. Karsten Muller from University of Warwick, Dr. Jide Lewis of the Bank of Jamaica, and Mr. Lyndon Martin from the Financial Services Commission.

The Department also put on a number of public lectures during the academic year. Dr. Christine Clarke delivered a lecture on football in Jamaica, titled “Reggae Boyz: Does the Coach Matter?” on March 31, at the Undercroft, UWI. “Financing Tertiary Education” was delivered by Dr Peter-John Gordon, with a presentation by The Hon. Ronald Thwaites, Minister of Education, on September 23, 2014 at the Undercroft. “DIGICEL vs. LIME: How will consumers fare in the fight for market share?” was presented by Dr Abdullahi Abdulkadri at the Undercroft, UWI on November 25, 2014.

The Department facilitated a research visit by Mr Karsten Muller, of the University of Warwick for the period March 21–April 24, 2015. During his stay he participated in our symposium entitled “Financing Development in Jamaica: Is the Financial Sector Ready for Economic Growth?”

As part of Research Day activities 2015, the book Debt and Development in Small Island Developing States edited by faculty members, Dr Damien King and Professor David Tennant, was launched. The keynote speaker for the event was the Honourable Peter Phillips, Minister of Finance and Planning and Discussant (via skype) was Ambassador Richard Bernal, an Executive Director at the Inter-American Development Bank in Washington, D.C., USA. The launch was held on February 10, 2015 at the Undercroft.
STAFF DEVELOPMENT

Drs. David Tennant and Abdullahi Abdulkadri were promoted to the rank of professor.

PAPERS PRESENTED

Conference Presentations


• **Evans, Alecia.** “Preservation or Exploitation: What to do with the Caribbean Ecosystem?” 94th Southwestern Social Science Association Conference (2014), San Antonio Texas

• **Evans, Alecia.** “The Economic Impact of Climate Change on Energy Demand in Jamaica” Sustainable Futures in a Changing Climate – Future Infinite Academic Conference (2014), Helsinki, Finland


• **Ghartey, Edward.** “Effects of exchange rates on prices and inflation in Ghana,” Roundtable Conference, Institute of Economic Affairs, Accra, Ghana


**RESEARCH SEMINARS**

Presenter: Dr Damien King and David Tennant

Title: Asymmetric Bias and Self-fulfilling Sovereign Defaults

Date: January 22, 2015

Presenter: Dr Samuel Braithwaite

Title: Technological Advancement in Lewis Model

Date: January 29, 2015
Presenter: Dr Marie Freckleton
Title: “The Services Trade in small Economies”
Date: February 26, 2015

Presenter: Dr Peter-John Gordon
Title: “Moral Hazard and Adverse Selection in the Demand for Health Services”
Date: March 12, 2015

Presenter: Dr Tamoya Christie (State University of New York: formerly of the Dept.)
Title: Gender Equity in Taxation in Jamaica
Date: March 19, 2015

Presenter: Dr Andre Haughton
Title: “Current Account and Exchange Rate Dynamics in the Caribbean and Latin America”
Date: November 13, 2014

Presenter: Dr Jan Keil
Title: “Financial Constraints and Investment – Evidence from US Companies”
Date: September 25, 2014

Presenter: Dr Nadine McCloud Rose
Title: “Domestic Interest Rates and FDI under Uncertainty”
Date: March 26, 2015
Presenter: Dr Patrice Whitely
Title: “The Impact of Class Attendance on Student Performance: Evidence from the Tropics”
Date: February 12, 2015

PUBLIC FORA

- **Dr Abdullahi Abdulkadri**, DIGICEL vs. LIME: How will consumers fare in the fight for market share? Undercroft, UWI Mona on November 25, 2014

- **Dr Samuel Brathwaite**, Advancing Subsistence Economic Activity for Economic Development, Regional Headquarters, UWI Mona on April 1, 2015

- **Dr Christine Clarke**, Regional Public Goods and potential synergies across the Caribbean, London England, April 2–5, 2015

- **Dr Christine Clarke**, Reggae Boyz: Does the Coach Matter? Learning from the Data, Undercroft, UWI Mona on March 31, 2015

- **Dr Peter-John Gordon**, “Financing Tertiary Education” Undercroft UWI Mona on September 23, 2014

- **Ms Wanda James, Dr Andre Haughton, Dr K’adamawe Knife, Dr Mark Gillis, Mr Clyde Williams**, Guilty Drug/ Innocent Plant: A Symposium on the Legalization of Ganja, Faculty of Law, UWI Mona on October 28, 2014

- **Dr Damien King**, “Access to International Capital: Do the credit agencies help or hurt?”, Regional Headquarters, UWI on April 21, 2015

- **Professor David Tennant**, “Access to Domestic Finance: Is recent progress sufficient?”, Regional Headquarters, UWI on April 21, 2015
PUBLICATIONS

Books


Journal Articles


• Evans, A. “Preservation or Exploitation: What to do with the


**Articles in Books**


- *King, Damien* and Robinson, Michele. (2014). “An Agenda for Debt Sustainability in SIDS”. In King, D. and D. F. Tennant (eds.),


PUBLIC SERVICE

Clarke, Christine
- Member of the Bank of Jamaica Board; Chair for the Audit Committee
- Member of the Budget Committee and the Board Pension trustee.

Freckleton, Marie
- Member, Jamaica Bauxite Mining Board

Haughton, Andre
- Member, Point Global Marketing Board

King, Damien
- Member of the Denoes & Geddes Ltd. Board; Chair of the Board’s Audit Committee

Tennant, David
- Member, Loans and Investment Committee of the Petrocaribe Development Fund
- Member, Supervisory Committee of the Bank of Jamaica.
STUDENTS

Students registered in the Department’s undergraduate programme are listed as follows:

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<th>Major/Minor</th>
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<td>Banking and Finance Special</td>
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<tr>
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<tr>
<td>Statistics Minor</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1070</strong></td>
</tr>
</tbody>
</table>

AWARDS

Damien King

Runner up for the UWI/Guardian Life premium teaching award, October 2014

**Prizes awarded by the Department**

(Graduate)

Top Student Award – Best graduate student

The Economics Theory Prize – Best Economic Theory student

The Econometrics Prize – Best Econometrics student

The George Beckford Prize – Best Student in Economic Development
(Undergraduate)

The Economics Prize – Best Economics student

The Statistics Prize – Best Statistics student

The Alfred Francis Prize – Best Econometrics student

The Research Prize – Best Researcher – Applied Econometrics
DR. TRACY-ANN JOHNSON-MYERS on Thursday October 30, 2014, presented at the Department of Government Graduate Research Seminar. Dr. Johnson-Myers presentation was titled, “The Effects of Mixed Member Proportional Electoral System on the Political Representation of Women and Ethnic Minorities. A Case Study of Women and Maori in New Zealand”.

DR. JESSICA BYRON made presentations at the following Seminars and Conferences: January 22, 2015: presentation “Regional Responses and Perspectives on the Cuba-US Rapprochement” in the context of a public forum on “Cuba-United States: Todos Americanos? reflections on the historic US-Cuba Rapprochement” organized by the CAGI
Centre of the Universite Antilles-Guyane and the Mayor’s Office of Pointe-a-Pitre Guadeloupe.

- **Dr. Jessica Byron**: February 18–21 2015: Attendance at the International Studies Association 56th Annual Convention, New Orleans, USA, "Global IR and Regional Worlds". (i) Presented in Roundtable WA42 on "Transdisciplinarity, Transregionalism. Transculturalism and other transgressions in Research/Practice: Reflections from Fieldwork on Development among the Marginal and Marginalized". (ii) Acted as discussant for Panel SD77 "Strategic Politics for the Poor, Small and Powerless? Caribbean Integration as Global Politics".

- **Dr. Sonia Gatchair** attended the International Research Society in Public Management (IRSPM) Conference in Birmingham England March 29–April 02, 2015 and presented a paper on "Implementation of Fiscal Responsibility Frameworks in Local Authorities".

- **Dr. Tracy Ann Johnson-Myers** attended the Midwest Political Science Association Conference in Chicago from April 15–19, 2015 and presented a paper on “The Mixed Member Proportional Representation System: Providing greater representation for Ethnic minorities?”

- **Dr. Omar Hawthorne** attended the Inaugural Office of the Contractor General Anti-Fraud and Corruption Conference, March 09–11, 2015 Kingston, Jamaica. Her presentation was titled “Infawma fi dead culture: A Case study of Protection for Whistleblowers in Jamaica”

**PUBLICATIONS**


- **Byron, Jessica** “CARICOM Foreign Policy since 2009: A Search for Coherence in National and Regional Agendas” Chapter Four in Bonilla A., Jaramillo G. eds. *La CELAC en el Escenario Contemporaneo de America Latina y del Caribe*, San Jose C.R.: FLACSO/CAF, pp. 79–100. (2014)
• **Byron, Jessica** “CARICOM Foreign Policy since 2009: A Search for Coherence in National and Regional Agendas” Chap Four pp. 79–100 in Adrian Bonilla & Grace Jaramillo eds. *La CELAC en el Escenario Contemporaneo de America Latina y el Caribe*, San Jose C.R: FLACSO/CAF 2014, 130 pp. (2014)


• Wilson, Stacy-Ann, and Dr. Nicole E. Johnson, “Teaching to Difference? The Challenges and Opportunities of Diversity in the Classroom” (2015)

• **Charles, Christopher** “Perspectives on Caribbean Football” London: Hansib Publications. (2015)


• Thame, Maziki and Dhanaraj Thakur, “The Patriarchal State and
the Development of Gender Policy in Jamaica”, in Politics, Power
and Gender Justice in the Anglophone Caribbean: Women’s Understandings
of Politics, Experiences of Political Contestation and the Possibilities for
Gender Transformation. IDRC Research Report 106430-001, Gabrielle
Jamela Hosein (Principal Investigator) and Jane Palpart (Lead
Researcher), Ottawa, ON Canada: International Development

• Byron, Jessica “Developmental Regionalism in Crisis? Rethinking
CARICOM, Deepening Relations with Latin America” Caribbean
Journal of International Relations and Diplomacy, Vol 2, No. 4,

AWARDS

• Jessica Byron Honoured by French Government

November 2014, recipient of French Government award Chevalier
de l’Ordre National du Merite for contribution to the development
and management of a jointly taught French-Caribbean B.Sc/M.Sc.
programme in Politics and International Cooperation which links
the University of Bordeaux IV, the Universite Antilles-Guyane and
the UWI in its delivery and in staff research and teaching exchanges.

NATIONAL ENGAGEMENT

Dr. Jermaine McCalpin’s activities for the period December 2014-
January 2015 are as follows:

Television

• December 3, 2014 – Television Jamaica current affairs programme
All Angles – spoke on the status of the West Kingston Commission
of Enquiry
Radio

- December 5, 2014 – Nationwide News Radio – Nationwide Commission of Enquiry or Trial
- December 9, 2014 Love FM, the conduct of the West Kingston Commission of Enquiry
- December 11, 2014 NCU FM – State of Affairs, Commissions of Enquiry and human rights
- December 12, 2014 RJR Beyond the Headlines, the conduct of the West Kingston Commission of Enquiry

Newspaper

January 5, 2014 – Sunday Gleaner – Guest columnist “Is Jamaica a democracy?”

Dr. Lloyd Waller’s activities for February 2015 are as follows:

1. Pre-negotiations with external funder for a Joint initiative with the ICS for the development of a BSc in Sports and Nutrition Management
2. DOG National Study on Political Victimization
3. Development of a DOG National Programme on Electoral Voting - iVote Jamaica
4. The Governance Society National held a Forum on “Political Participation” – Participants Director of Elections, MPs and CAFFE representatives
5. Plans are being put in place for a National Forum with ICS on the Politics of Art to take place at a date to be announced.

Dr. Maziki Thame’s Outreach activities for the period January–March 2015 were as follows:

1. Invited Guest on Newstalk 93 FM on March 15, 2015 on the program, “The Left and Caribbean Futures”
2. Invited Moderator, Panel Discussion: Literature, Gender and Identity, Jamaican Writers Society and the Next GENDERation Initiative, March 5, 2015.


Dr. Eris Schoburgh served as a member of the panelists set up by the Government of Canada through the Federation of Municipalities for selection of a national coordination for the Caribbean Local Economic Development Project (CARILED) in Jamaica. Invited to be a member on the recommendation of the Ministry of Local Government and Community Development on the basis of knowledge of local government and governance in the Caribbean Region.

Dr. Eris Schoburgh convened planning meeting for UWI’s First International Research Society for Public Management (IRSPM) Regional Conference slated for October 1–3, 2015 at the Mona’s Visitors’ Lodge. Conference is an initiative of the Public and Policy Management Unit (PPMU) in the Department of Government (DoG). The conference is being hosted in association with the Mona School of Business and Management.

Dr. Lloyd Waller and Ms. Nicola Satchell sat on the planning committee for the Mixed Methods Research Caribbean Conference 2015 that was held March 12–13, 2015 at the Mona Visitors’ Lodge.

Dr. Omar Hawthorne on April 09, 2015, attended the President Obama’s Youth Town Hall meeting, UWI, Mona.
STUDENTS

The team representing The Department of Government High Achievers Society did exceptionally well at the Southwestern Black Student Leadership Conference held at Texas A&M University with over 500 participants and 60 universities being present. Congratulations to Garrick Donaldson and Rashaun Keiute Watson 1st and 2nd place winners in the Oratorical contest at the Conference. Both students were selected to be participants in The Advanced Leadership Institute, which comprised of students chosen based on their writing and leadership abilities.

Students from the Department of Government, UWI, Mona joined over 3,000 students from all over the world to compete at Harvard National Model United Nations Conference in Boston, Massachusetts from February 12–15. The UWI Mona students (12), who are members of the Model United Nations Club on campus, were delegates representing the State of Palestine in the conference’s United Nations General Assembly simulation. At the conference, the students spoke, debated, negotiated and wrote draft UN resolutions on a wide range of current international issues, from international responses to ethnic crises, to the freedoms of journalists, to the Israeli settlements in the West Bank. In addition, the delegates had the opportunity to interact with students from a variety of different cultures and backgrounds. Jherane Patmore, 2nd year International Relations Major, won an award at the end of conference, a commendation for her public speaking and debating skills.

The Department of Government had its monthly Graduate Seminar on February 26, 2015 and April 16, 2105 in SR4. The following persons presented at the Graduate Seminar:

Mr. Oth dane Thompson, Assistant Lecturer and PhD Candidate in the Department of Government made a presentation entitled, “A comparative analysis of the electoral Strategies and Management systems used by the two major political parties in the 2011 general elections”

Mr. Louis EA Moyston is currently a Research Fellow at the Office of the Principal at the UWI, Mona Campus and a MPhil-PhD Candidate in the Department of Government, made a presentation entitled, “The
Emergence of Leonard P. Howell and Early Rastafari in the Anti-Colonial Struggles, Jamaica 1933 to 1938”

Mr. Marcus Mullings, final year Phd candidate in the Department of Government a UWI Postgraduate Scholarship recipient, presented an “Independent regulation in the Caribbean: a decentralized mode of governance in a centralized space. An assessment.”
During the 2014/15 academic year the Department continued its commitment to the realization of the strategic perspectives of the 2012–2017 UWI Strategic Plan, through its focus on teaching and learning, staff and student development, research and innovation, outreach activities, public service, and its internal administrative operations.

MAJOR ACTIVITIES

Administrative Reform Exercise

The focus on the internal administrative operations was one of the major activities embarked on within the year, with the objective being the enhancement of the administrative support in the Department towards
the achievement of greater efficiency and effectiveness. It is felt that the Department’s work, programmes and expected outputs have outgrown the current administrative structure. A consultant was contracted and work has entailed a review of the Department’s administrative structure and work flow, an analysis of work tasks, and an assessment of staff competencies and job descriptions. The project is expected to be concluded by October 2015.

HRD Unit’s 20th Anniversary Celebrations

The other major activity of the Department was the celebration of the 20th Anniversary of the Human Resource Development Unit. This involved the hosting of a conference which was held from May 27 to 29, 2015, under the theme: Transforming the Profile of Caribbean HRD: Building Global Organisations Locally. Noted Sociologist and author of the two-continua model of health and illness (Flourishing and Languishing), Professor Corey Keyes, the Winship Distinguished Research Professor at Emory University, was the keynote speaker.

Teaching and Learning

The restructured BSc Social Work programme was introduced, with the number of credits increased to 99, as opposed to the previous 90. The new programme aims to strengthen students’ skills in social intervention and provide specialized training on methods of responding to particular challenges faced by the school system. One of the three new courses offered is that of SOWK3011 – Social Work in Schools.

In a bid to comply with the regulations regarding the credit weighting of Graduate programmes, a proposal for revisions to the MSc Sociology programme was approved by the Board for Graduate Studies. The revised programme is now 36 credits, up from 30, requiring students in the MSc in Social Policy and Administration, and the Sociology of Development options to take two additional compulsory courses, - Advanced Social Research Methods II (SOCl 6068), and Monitoring and Evaluation of Social Programmes (SOCl6069).
The development of a UWI cross-campus PhD in Clinical Psychology is currently being spearheaded by the Psychology Unit in the Department. This has involved substantial collaboration with colleagues in Psychology at the St. Augustine and Cave Hill campuses.

Conferences, Seminars, Symposia and Workshops

Speared headed by the Psychology Unit, the annual Psychology Day conference was held on March 19, 2015, under the theme: The Grey Matter of Psychology: It is not just Black and White. The event was chaired by the graduate students of the Applied and Clinical Programmes. Going forward, the Unit has decided to alternate between the hosting of Psychology Day and Psychology Conference, making each bi-yearly.

Through the Sociology Unit, the Department co-sponsored a Peter Tosh Symposium themed: Peter Tosh – Activist and Pan-Africanist and a special Black History Month event titled: Roots Daughters and Dancehall Divas: Examining the Politics of Hair and Beauty for Black Women in Jamaica.

In keeping with the commitment to strengthen the administrative operations of the Department, the Administrative staff and Head of Department participated in a workshop titled: How to Create a Rocking Work Environment. This was geared towards motivating staff and improving the work environment, and was conducted by a lecturer in the Department, Dr. Rosemarie Johnson.

Assessment Centre – Research Days 2015

The Department, through Dr. Garth Lipps and Ms. Olivene Thomas, successfully staged a full-service Assessment Centre as part of Research Days 2015. This included testing, career counselling, CV preparation, lecturers on strategic staffing, and a session on dressing for success. The aim of the Assessment Centre was to simulate the workings of an HRD office.
Book Launch – Research Days 2015

The book *Broken Promises, Hearts and Pockets: A Century of Betrayal of the Jamaican Working Class*, authored by Dr. Orville Taylor, was launched on February 10, 2015.

Staff Development

On March 30, 2015, Mr. Orville Beckford, Lecturer in the Department, successfully defended his PhD thesis, with recommendation of ‘high commendation’.

Four colleagues were successful in being granted tenure: Drs. Julian Devonish, Caryl James, Ishtar Govia and Gillian Mason. Dr. Moji Anderson was promoted to the rank of Senior Lecturer, and Drs. Orville Taylor and Garth Lipps successfully crossed the bar at the Senior Lecturer level.

PAPERS PRESENTED


• Ramkissoon, M. (2015). “Exploring individual defensiveness,
psychological safety and employee learning activities at a university in Jamaica”. Transforming the Profile of Caribbean HRD: Building Global Organisations Locally, Department of Sociology, Psychology and Social Work, UWI Mona. May 28th, 2015 (6 pages).


- **Thomas, Olivene.** (2015). “Toward Organisational Renewal and Success for the Twenty-first Century”, University of Technology, 20th Annual School of Business
PUBLICATIONS

Book Chapters


Books

Refereed Journal Articles


TECHNICAL REPORTS


INCOME GENERATION

Research Grants


– Brodie-Walker, Stacey (2015). Principal’s New Initiative Grant (J$1,386,000.M): “Factors that Impact School Engagement/Disengagement.” This is an initiative being undertaken by the Psychology Unit.


INCOME AND EXPENDITURE FOR SUMMER AND OTHER SELF-FINANCING PROGRAMMES

The Department offers four (4) Self-Financing Programmes: MSc Human Resource Development (HRD) and PhD HRD/Organisational Behaviour, MSc Clinical Psychology and MSc Applied Psychology. The following
is a breakdown of the gross income associated with these programmes over the year 2014/15:

- Applied Psychology – $20,955,249
- Clinical Psychology – $11,691,678
- MSc HRD/PhD OB – $34,000,000

Regarding Summer School, gross income stood at $10,653,580.

**PUBLIC SERVICE**

**Anderson, Moji**
- Served on the Olive Lewin Memorial Fellowship Selection Committee (2015). Selected by the African-Caribbean Institute of Jamaica to form part of a four-person panel to select the inaugural recipient of the Fellowship.

**Bailey, Arlene**
- Vice President, Research, Association for Information Systems Special Interest Group on ICTs and Global Development (AIS SIG GlobDev).
- Secretary, International Federation for Information Processing (IFIP) Working Group 9.4 on the Social Implications of Computers in Developing Countries.
- Workshop Co-Chair, Association for Information Systems Special Interest Group on ICTs and Global Development 2015 Annual Workshop.
- Member of Board of Directors, ICT4D Jamaica.

**Baker, Peta-Anne**
- Member, the Regional Ethics Committee of the Caribbean Public Health Agency (CARPHA), 2014–2016.

**Barnett, Michael**
– Elected Executive Officer, Caribbean Studies Association.

**Branche, Clement**
– Board Member: Jamaica Constabulary Force National Police College of Jamaica) (NPC) Training Advisory Board.

**Brodie-Walker, Stacey**
– UWI Representative, University Council of Jamaica (UCJ) Psychology and Counselling Standards Committee.
– Member, Board of Visitors, Department of Correctional Services, Ministry of National Security.

**Chadwick-Parkes, S**
– UWI Representative and Member, Council of Voluntary Social Services/United Way of Jamaica/University of the West Indies Planning & Research Committee.
– Member, European Social Work Research Association.

**Daley, Camille**
– President – Sickle Cell Support Foundation of Jamaica.

**Gordon, Doreen**

**James, Caryl**
– Associate Editor, *Journal of Psychology in Africa*. 
Johnson, Rose
– Needs Assessor, South Camp Juvenile Correctional and Remand Centre and Metcalfe Street Juvenile Centre, Ministry of Justice (March 2015).
– Developer, Workplace Mental Health Policy for Jamaica, Ministry of Health.

Latibeaudiere, Sandra
– Worked on the submission to the Joint Select Committee reviewing the Sexual Offences Act 2009, September 2014.

McFarlane, Tracy
– Consultant/Assessor, University Council of Jamaica.

Mitchell, Rashalee
– Member of the International Sociological Association.
– Board member, Rotary Club of Portmore.

Ramkissoon, Marina

Rattray-Elliott
– Member, Professional Advisory Committee, United Theological College of the West Indies.

Ricketts, Heather
– Member, Technical Steering Committee, Jamaica Survey of Living Conditions.
– Commissioner, Labour Market Reform Commission (Jamaica), PIOJ/MLSS.
– Chair, Social Protection Sub-committee, Labour Market Reform Commission.
Chair, Social Transfers Sub-committee, National Social Protection Committee, PIOJ.

Taylor, Orville

- Contributor: Rule of Law Index, World Justice Project. 2015.
- Chairman, National Police College of Jamaica.
- Board Member, National Reparations Committee.

STUDENTS

- Two students (Claudette White and Hopelin Hines) in the PhD Organisational Behaviour programme of the Human Resource Development Unit, successfully defended their theses in March and July, 2015.

- In the 2014/15 Faculty Graduate Awards Ceremony, the following awards were presented:
  - The HRD Alumni Association Prize – Ms. Chera-Lee Collins (for having achieved the highest average score on completion of the Year I of the MSc. Human Resource Development programme for Academic Year 2013/2014).
  - The Gordon Draper Prize in Human Resource Development - Mr. Garfield Campbell (for having achieved the highest aggregate in the organisation development and change sequence of courses offered in the MSc. Human Resource Development programme).
The HRD Awards for Consultancy:

- Staffing Organisations – Mrs. Kathryn Kerr-Pringle
- Performance Management – Mr. Andre Palmer
- Organisational Research – Mrs. Victoria Maylor-Brown
- Ms. Kamier Johnson was recognised for her completion of the MSc Sociology (Social Anthropology), with Distinction.
The academic year 2014/2015 was another busy one for Mona School of Business and Management. An important part of our vision is the provision of high impact research which leads to an exceptional teaching and learning experience. Our research continues to differentiate MSBM from other institutions that offer business and management education in the marketplace. The school achieved a significant number of objectives over the period including, but not limited to: infrastructure upgrades for class rooms, construction of a finance lab using Bloomberg technology, hosting of two successful academic conference. In addition, a number of Faculty members won awards at the UWI Principal Research Awards for 2015 among other things. This report provides a snapshot of the faculty’s output over the academic year 2014/2015, as well as various achievements of our students and staff within the school. These significant accomplishments of the
school over the period under review have set the foundation for an even stronger performance in the years ahead.

PAPERS PRESENTED – REFEREED CONFERENCES

Abstracts and Papers Presented at Refereed Conferences

Abstracts


• **Crick, A. & Cowell, N.** (2014). Employee resistance and the service experience: A management perspective on the disconnect between


signaling theory or the exercise of management stock options. Presented at the MSBM Business & Management Conference, at the Holiday Inn SunSpree Resort Jamaica, Montego Bay, January 7–9, 2015.


**Papers**

• **Crick, A.** (2014). Where the model fails: An analysis of a food tour start up in Jamaica, at the CHRIE conference in San Diego, California from July 30–August 1, 2014.


Conference, hosted by the United Arab Emirates University at the Dubai World Trade Centre, Dubai, June 6–9, 2015.

PUBLICATIONS

Refereed Journals


Refereed Books


**Refereed Book Chapters**


**Non-Refereed Publications**


• **McNaughton, M.** (2014). Open government data: A catalyst for Jamaica’s growth and innovation agenda – Estimating the potential
value of open data to the Jamaican economy. Paper and policy brief completed for a DBJ/CAPRI-funded Research study.

- **McNaughton, M.** (2014). Research paper and policy brief for a DBJ/CAPRI-funded study: Estimating the potential value of open data to the Jamaican economy.


- **McNaughton, M.** (2014). Open government data: A catalyst for Jamaica’s growth and innovation agenda – estimating the potential value of open data to the Jamaican economy. Paper and policy brief completed for a DBJ/CAPRI-funded Research study.


**Non-Refereed Presentations**

- **Barclay, L.A.** (2015). Part of a panel presentation on W. Arthur Lewis, relevant as ever in his Centenary Year: Illustrations from Caribbean research. A jointly hosted event by The UWI Museum & The Sir Arthur Lewis Institute of Social & Economic Studies (SALISES) held at The UWI Regional Headquarters Lobby, April 1, 2015.

- **Burke, O.** (2015). Mounted displays entitled: (1) Women and the nutritional status of their children (Kitchen Garden Project); (2) Community tourism: Bringing light to culture in inner-city communities; (3) Community innovation centre: The impact of developing an
incubator for community social enterprise; and (4) ICT for community developing: The Source Center – mounted during the Mona Social Services (MSS) UWI Township Reasonings Sessions held at The UWI Research Days, February 9–11, 2015.


- **Chevers, D.** (2015). Mounted displays entitled: (1) Key factors of process maturity in English-speaking Caribbean firms; (2) The impact of CMMI levels 2 and 3 practices on process maturity in Canadian software development firms; (3) ICT adoption and its impact on the performance of Jamaican hotels: A proposed research model; and (4) The impact of information technology material weakness on corporate governance changes in family-owned businesses, at The UWI Research Days, February 9–11, 2015.


- **Crick, A.** (2015) Guest Presentation on Developing a culture of service to the Doctor of Public Health (DrPH) students at the
Department of Community Health and Psychiatry on January 27, 2015.


- **K’nife, K.** (2014). Rethinking development from the ‘ground’ up. Presentation at the 16th Annual Walter Rodney Lecture hosted by the Institute of Caribbean Studies and the Department of Economics, Neville Hall Lecture Theatre, UWI, on October 9, 2014.


- **K’nife, K.** (2015). Presentations entitled (1) Marijuana and the economy, and (2) Social value creation industry framework of the ganja industry, at the Marley Symposium 2015 on The legacy continues, held at the Bob Marley Museum on February 6, 2015.


- **K’nife, K.** (2015). Presentation entitled Empowerment of the black youth: Where we are coming from and where we are going, at a Black History Month Presentation to the students at the Abilities Foundation, at The UWI, Mona Campus on February 13, 2015.

- **Lawrence, W.** (2015). Dynamic capabilities for international expansion. Presented at the MSBM Business & Management Conference, at the
Holiday Inn SunSpree Resort Jamaica, Montego Bay, January 7-9, 2015


- **McLeod, M.** (2015). Presented on Caribbean open data sector studies – Early insights at the Caribbean Open Data Conference (DevCA 2015), held at The UWI, Mona Campus from March 5–6, 2015.


- **McNaughton, M.** (2014). Presented research findings from DBJ/CAPRI-funded study: Estimating the potential value of open data to the Jamaican economy, at CaPRI’s public forum and launch on “Open government data: A catalyst for Jamaica’s growth and innovation agenda” at the Library Multifunctional Room, UWI Mona on November 5, 2014.

- **McNaughton, M.** (2014). Staged GOJ/FOSS Showcase and presented findings from research on Public sector FOSS adoption: A global perspective. Collaboration between MSTEM and the MSBM to present the Free and Open Source Software (FOSS) Showcase on November 5, 2014, in the Executive Seminar Room of the Faculty of Law Building, UWI, Mona.


Management Conference, at the Holiday Inn SunSpree Resort Jamaica, Montego Bay, January 7–9, 2015.


AWARDS & GRANTS

- **Professor Hopeton Dunn**, Director of the Caribbean Institute of Media & Communications (CARIMAC), was one of three persons named as recipients of the 2014 Vice-Chancellor’s Award for Excellence. He was recognized for his outstanding contribution to public service.

- **Ms. Stascia Gordon** is the Club of the Month Director for the Rotary Club of Montego Bay Sunrise.

- The UWI-NCB Sponsored Research Project (administered by the MSBM and led by **Professor Evan Duggan, Drs William Lawrence and Maurice McNaughton**), won the Principal’s Award for “Research project attracting the most research funds for the Faculty of Social Science”.

- **Dr. Lila-Rao Graham** was a member of the team that was awarded the “Principal’s Award for Research Project with the Greatest Multidisciplinary/Cross Faculty Collaboration.”

- **Prof Densil Williams** received the award for “The Most Outstanding Researcher” in the Faculty of Social Sciences.

- **Mr Michael Williams** received a Distinguished Service Award from the Kiwanis Club of Liguanea for 2013–2014 administration.

- **Lila Rao-Graham & Maurice McNaughton** – A 2-year project titled
“Collaborative disaster preparedness through shared ontologies: A design science research approach”, was accepted by the Open and Collaborative Science in Development Network (OCSDNET) and funding of CAD$67,513.57 was approved on January 13, 2015.

PUBLIC SERVICE

The following is indicative of the public service activities undertaken by MSBM faculty and staff:

Mr Maheshwar Boodraj
– President and Chairman, Project Management Institute (PMI), Jamaica Chapter

Dr Lou Anne Barclay
– Member, Strategy Review Committee of the Ministry of Industry, Investment and Commerce
– Member, Executive Board of the Academy of International Business (AIB-LAT)

Dr Olivene Burke
– Member, Hermitage Basic School Board

Mrs Marvalyn Campbell
– General Secretary & Technical Director of the Jamaica Amateur Softball Association
– Member, St. Andrew Justice of the Peace Association (SAJP)
– Served as Assistant Puisne Judge in one (1) session at the Half Way Tree Court House

Dr Noel Cowell
– Member, Board of Directors of the National Insurance Fund.
– Appointed by the Government of Jamaica to the Labour Market Reform Commission
Dr Anne Crick
– Member, Board of Directors, JMMB
– Chair, JMMB Culture and Leadership Development Committee

Ms Stascia Gordon
– Director, Rotary Club of Montego Bay Sunrise
– Member, Western Economic Forum Committee

Dr Paulette Henry
– Co-opted member, Policy & Communications Committee, Board of the National Housing Trust

Dr Kadamawe K’nIfe
– Member of the Judging Panel for the Rita Marley Foundation Essay Competition – July 2014
– Co-hosts a programme on Power 106FM called “Diaspora Live Online”

Dr William Lawrence
– Invited and accepted invitation to sit on joint Jamaica Stock Exchange (JSE)/Inter-American Development Bank (IDB) Junior Market Steering Committee for increasing the number of publicly-traded SME’s in Jamaica

Mrs Vanda Levy-McMillan
– Member, Accreditation Team for Post-Graduate Diploma in HRM at the Management Institute for National Development (MIND).

Mrs Patricia Lothian
– Member, Board of Directors Foundation for International Self-Help (F.I.S.H.) Clinic.

Dr Michele McLeod
– Appointed by the University Council of Jamaica as an Assessor of the BSc. Hospitality and Tourism programme at the Northern Caribbean University
Dr Maurice McNaughton
- Chaired Outreach and PR Working Group meeting for GOJ Tablets in Schools Project
- Member, Peer Review Network – Enhancing Knowledge and Application of Comprehensive Disaster Management (EKACDM) Initiative
- Member, GOJ Counterpart Team – World Bank Open Data Readiness Assessment Mission
- Member (the UWI’s Representative), National ICT Advisory Council
- Member, VMBS Board of Directors

Dr Indianna Minto-Coy:
- Judge, Jamaica Diaspora Institute’s Diaspora Youth Connect Inaugural Business Plan Competition, October 23, 2014
- Member, Evaluation Committee of the Disaster Risk Reduction Unit
- Assisted in drafting the Jamaica Diaspora Policy
- Member, JSE Corporate Governance Awards Committee at the JSE

Dr Lawrence Nicholson
- Member and Chairman, Television of Jamaica (TVJ) Company Limited

Dr Lila Rao-Graham
- Appointed by Cabinet as a Member of the Ministry of Education’s Early Childhood Commission for the period June 1, 2015 – May 31, 2018.

Dr Hilary Robertson-Hickling
- Member, Board of Camperdown High School and the Queen’s School
– Member, Teachers’ Services Commission
– Member, Mary Seacole Foundation
– Member, Career and Placement Board
– Member, Behaviour Modification Committee, convened by the Minister of Education
– Justice of the Peace.

Professor Densil Williams
– Selected by the Minister of Finance to be a member of the FSC Appeal Tribunal. The tribunal is to be chaired by Hon. Mdme. Justice Hazel Harrison.
– Member, Economic Policy Committee of the Private Sector Organization of Jamaica.
– Deputy Chairman, Spectrum Management Authority and Chairman of the Audit Committee
– Commissioner, Fair Trading Commission
– Invited member, FGB Board of Directors and member of Credit Committee

Mr Michael Williams
– Member, Board of Directors, Kiwanis Club of Liguanea.
– Member, Audit Committee of the Spectrum Management Authority Board.

STUDENT ACHIEVEMENTS

• Special course and programme awards were presented to 12 MSBM students who attained the highest GPA for their option at the FSS Annual Undergraduate Awards Ceremony to recognize outstanding academic performance for 2013–2014.
• Eighty-one MSBM post graduate students were awarded distinctions at the Post Graduate Awards held on November 26, 2014.
The 2014 NCB Vision Award went to MSBM students Thamar Binns, Kacey-Ann Nelson and Jodi-Ann Stephenson, who submitted the best business plan for their final year undergraduate entrepreneurial project.

Two MSBM MBA students (Joan White – current student and Latoya Thompson-Hall – recent graduate), were part of a team of five UWI students who advanced to the regional finals of the 6th annual Hult Prize Challenge held in Boston, Massachusetts, March 13–14, 2015.

Four DBA students successfully defended their dissertation research proposals and will now move into executing their research design. The candidates are:

- Tricia-Anne Morris-Phillips on December 10, 2014 – Title: Does event sponsorship impact brand image: An integrated model?


- Archibald Campbell on December 16, 2014 – Title: An empirical investigation of the role and impact of public debt on the financial system and its effect on business development and growth in a small open economy.

- Winsome Halliman, on April 23, 2015 – Title: “Exploring the change patterns and characteristics of SMEs”.

Two DBA students, successfully defended their doctoral dissertations:

- Winston Butler – “Business level strategy, operating leverage, and information and communication technologies – alignment influence on firm value: An empirical evaluation of publicly listed firms in Jamaica, 2002–2011”, on March 12, 2015; and

- Valoris Smith – “Agencification: Voices of the small and medium sized enterprises in the construction industry – Case study” on April 7, 2015.
MSBM MBA students placed 1st and 2nd in the 2014 Vincent HoSang UWI Venture Challenge competition (UWIVC) held in November 2014. First place was Team Nature’s Recipe (Anjule Young, Karen Davis and Percival Cunningham) that won the $250,000 prize. They also won prizes for: Best Presented Financials and the Joan Duncan Award for Corporate Social Responsibility; and the award for Best Presenter went to their team member Anjule Young. The team that placed second – for a prize of $150,000 – was Team Rating Jamaica (Latoya Thompson-Hall, David Elliott, Lashana Whyte, Kayan Lawrence, and Sherard Little).
INTRODUCTION

The Caribbean Institute of Mental Health and Substance Abuse (CARIMENSA) was established as a Centre within the Faculty of Medical Sciences in February 2008 with supportive relationships to the Section of Psychiatry in the Department of Community Health and Psychiatry. The Executive Director of CARIMENSA is Professor Frederick W. Hickling of the Department of Community Health and Psychiatry.

Private/Public Partnership

CARIMENSA has engaged in a private/public partnership with Psychotherapy Associates Ltd, one of the leading private medical research organizations in Jamaica (Figueroa & Henry Lee 1998). This collaboration
has facilitated the development of CARIMENSA as a self-sustaining organization within the UWI, in keeping with its remit from the F&GPC UWI. Psychotherapy Associates Ltd. has provided office and classroom facilities, administrative and utility support for this fledgling UWI Institute.

WORK OF THE DEPARTMENT

Teaching and Workshops

- Training of 29 Teachers and 7 Guidance Counsellors in Cultural Therapy: Ministry of Education “Dream-A-World Cultural Resilience Program”: August 2014: Lead Facilitators: Professor Frederick Hickling, Dr. Geoffrey Walcott, Dr. Hilary Robertson-Hickling, Professor Jaswant Guzder, Dr. Deborah Chambers

- Training of 12 Teachers and 16 Guidance Counsellors in Cultural Therapy: Ministry of Education “Dream-A-World Cultural Resilience Program”: March 2015: Lead Facilitators: Professor Frederick Hickling, Dr. Geoffrey Walcott, Dr. Hilary Robertson-Hickling, Dr. Deborah Chambers


Funded Service/Research


Presentations Made at Meetings

Professor Hickling and Dr Walcott

- Association of Consultant Physicians of Jamaica President’s Dinner: September 13, 2014. Guest Speaker: Frederick W. Hickling
- The Pacific Rim College of Psychiatrists Scientific Meeting - PRCP November 2014 Conference. Research Paper: Scale up of Dream a World Child Project for Promotion of Resilience in Garrison Communities of Inner City Kingston, Jamaica. Vancouver, BC Presenter Frederick W Hickling
- Advanced Study Institute Transcultural Psychiatry Conference McGill University – June 1, 2015 : The Arts in Cultural Psychiatry
  a) Dream-A-World Cultural Therapy – Using Creativity as the Vehicle for Postcolonial Social Reengineering/Healing in Jamaica: Presenter: Frederick W. Hickling
  b) The Eastern Jamaica Dream-A-World Cultural Resiliency ‘Transition to Scale’: Presenter Frederick W. Hickling (Presentation
of DAW team: Dr Hilary Robertson Hickling, Dr Fred Hickling, Dr Geoffrey Walcott, Dr Jaswant Guzder)

- Grand Challenges Canada Conference Solving the Grand Challenges in Global Mental Health Partnering for Impact at Scale Toronto Canada June 4, 2015. Poster: “Countering youth and urban violence with a community engagement cultural therapy program in Kingston, Jamaica” Presenter Frederick W. Hickling

- Inter American Development Bank July 15, 2015. Building Resilience in Jamaican Children Guest Speaker: Frederick W. Hickling

Professor Jaswant Guzder – International Collaborator


- McGill University Advanced Institute in Social and Cultural Psychiatry: The Role of the Arts in Cultural Psychiatry: Identity, Creativity and
Transformation: The Kingston Seaview Dream-A-World Cultural Therapy ‘Scale Up’: Methods and Outcome June 1 2015: Presenter Dr Jaswant Guzder (Presentation of DAW team: Dr Geoffrey Walcott, Dr Fred Hickling, Dr Hilary Robertson Hickling, Dr Jaswant Guzder)


- Two Eyed Seeing Evaluation Research Meeting: Culture and Mental Health Research Unit, McGill University: Adapting the Dream a World Cultural Therapy Model for First Nations Communities in Canada. August 22, 2015 Presenter

Media Appearances

- Frederick W. Hickling – Interview on Smile Jamaica-TVJ September 16, 2014

Social media


Newspaper articles

- N.A. (2014, September 25). Dream A World Project to be expanded


**AWARDS**

- Dr Jaswant Guzder: Dalhousie Award for Best oral research paper presentation at annual CACAP meeting

- Dr Jaswant Guzder: Award for Best oral research presentation at PRCP Conference

**PUBLICATIONS**

**Book Chapters**

Books


INCOME GENERATION

Income from Projects

- **Grand Challenges Canada:** “Countering youth and urban violence with a community engagement cultural therapy program in Kingston, Jamaica”. October 31, 2013–October 31, 2015. CAD $270,000
- **Ministry of Education:** “Dream-A-World Cultural Resilience Program”. November 2014–August 2015. JMD $14,900,000.00

PUBLIC SERVICE

1. **FW Hickling:** Caribbean Representative: World Psychiatric Association. Section on Conflict Management and Resolution. 2003-present
2. **FW Hickling:** Member, Scientific Committee: World Association of Cultural Psychiatry (WACP) together with the Latin American Group of Transcultural Psychiatry (GLADET) the 4th International Congress “Global Challenges & Cultural Psychiatry. Natural disasters, conflict, insecurity, migration, and spirituality”, Puerto Vallarta, Jalisco, México from October 29th to November 2nd 2015
3. **G Walcott:** President, Jamaica Psychiatric Association
September 2014 saw the resumption of activities at the Confucius Institute. As of this date the members of staff were:

Dr. Courtney A. Hogarth, Jamaican Director
Professor Lu Shaogang, Chinese Director
Ms. Keneisha Sappleton, Senior Secretary
Mr. Dong Xiaomin, Mandarin teacher
Ms. Li Mengfei, Chinese Volunteer
Mr. Liu Jiacheng, Chinese Volunteer
Ms. Clair Dunn, Office Attendant

Regular Confucius Institute classes resumed in Chinese (Mandarin) and Tai Chi, along with teaching in the Department of Modern Languages & Literatures.
On September 4, 2014 Prof. Lu Shaogang and Dr. Courtney A. Hogarth met with Dr. Luz Longsworth at the Western Jamaica Campus to continue discussions about introducing Mandarin. Most plans were already in place, while we waited on the teacher to arrive from China.

Other institutions of learning where Mandarin was offered during this academic year were:

Shortwood Teacher’s College
Hampton High School
St. Hilda’s High School

A delegation came from the Taiyuan University of Technology for the annual board meeting of the Confucius Institute. This was the first official meeting we were having in three years, and the first with Professor Archibald McDonald as Principal of the Mona Campus.

The annual Mid-Autumn Festival was celebrated at the Confucius Institute.

The inaugural Confucius Institute Day (international) was held on the Mona Campus on September 27.

Jamaican Director, Dr. Courtney A. Hogarth presented a paper titled “Time, Thought and Visual Expression – A Case for the Visual Arts in Higher Education” at the Cornaro Institute, Cyprus College of Art, Larnaca, on September 13, 2014, in the European Art Education Conference.

On September 30, 2014, Dr. Hogarth made a presentation, on China, to the students of the St. Andrew High School for girls.

In September the planning committee for the Confucius Institute conference met and decided that an inaugural conference would be held some time in 2015. This initial committee comprised:

Dr. Courtney A. Hogarth (Chair)
Dr. Paulette A. Ramsay (Co-Chair)
The month of October saw the regular functioning of the Confucius Institute.

On October 11, 2014 at 6:00 p.m. the Confucius Institute launched its Mandarin Programme at the Western Jamaica Campus. This was supported by the Chinese Ambassador who attended and brought greetings, the Department of Modern Languages & Literatures, whose HOD, Dr. Paulette A. Ramsay, also attended with greetings. The launch was also supported by the local Montego Bay business and civic communities. The teacher for this programme was Mr. Liu Jiacheng.

October saw the arrival of Chinese Volunteer, Ms. Liu Qing, who went directly to the Hampton School.

The month of November saw the regular functioning of the Confucius Institute.

From December 6–9, Dr. Paulette A. Ramsay, Prof. Lu Shaogang and Dr. Courtney A. Hogarth were in Xiamen, China, for the Annual Hanban Conference. They were later joined by Deputy-Principal, Professor Ishenkumba Kahwah. This was the first annual meeting to be held outside of Beijing. It was hosted, in part, by Xiamen University.

Professor Kahwah later travelled to the Taiyuan University of Technology in Taiyuan, accompanied in part, by Prof. Lu Shaogang.

Mr. Liu Jiacheng, Chinese Volunteer stationed at the Western Jamaica Campus was replaced by in-coming Chinese teacher, Ms. Li Yun, who will be in the island for a total of three years.
Late January saw the beginning of the second semester of the academic year 2014–2015. Students registered for our courses were as follows:

- Mandarin
- Tai Chi

The Confucius Institute celebrated the coming of Spring, Year of the Sheep, with a Lantern Festival at the Confucius Institute. This was supported by the Chinese Embassy in Jamaica and saw students and teachers from the Mona Campus, Western Jamaica Campus and Shortwood Teacher’s College. The Hampton School was also in attendance.

On March 18, 2015, the Jamaican Director, Dr. Courtney A. Hogarth made a presentation to participants in a one-day seminar at the Mona School of Business & Management. The seminar was titled ‘Engaging the Chinese Community: Onboarding for Solutions’.

The month of April saw the regular functioning of the Confucius Institute.

The month of May saw the regular functioning of the Confucius Institute.

The Confucius Institute annual Taiji Retreat was hosted at the University House, Cardiff Hall, from June 12–14. 2015.

June 18–20 saw the inaugural Confucius Institute Conference – “Dragons in the Archipelago – The Chinese-Caribbean Experience” being staged at the UWI, Mona Campus. The opening ceremony was held at the Regional Headquarters and attended by Professor Archibald McDonald, Principal, the Chinese Ambassador to Jamaica, H.E. Dong Xiaojun, members of the Diplomatic Corps, international scholars drawn from across the Americas, faculty members of the UWI, students and members of the public. The featured artist was Mr. Steven Woodham, Violinist, who presented a suite of melodies both Chinese and Jamaican.

Over the course of two days there were several panels with a total presentation of fifteen (15) papers.
The Conference Committee comprised the following individuals:

- Dr. Courtney A. Hogarth – Conference Chair
- Dr. Paulette A. Ramsay – Co-Chair
- Professor Lu Shaogang
- Professor Anthony Chen
- Dr. Julian Cresser
- Ms. Keneisha Sappleton
- Mr. Clifton McCook
- Dr. Nina Bruni
- Ms. Jennifer Mason

The conference was deemed a resounding success, from which a publication is expected.

The Confucius Institute held its second Summer School for members of the community. There were ten students in attendance.

As of July, 2015 staff members of the Confucius Institute are as follows:

- Professor Lu Shaogang, Chinese Director
- Dr. Courtney A. Hogarth, Jamaican Director
- Mr. Dong Xiaomin
- Li Yun
- Li Jiaqi
- Ms. Keneisha Sappleton, Senior Secretary
- Ms. Clair Dunn, Office Attendant
INTRODUCTION

The Earthquake Unit (EQU) is a research unit in the Department of Geography and 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 EQU budget is supported by the Government of Jamaica with allocations through the Ministry of Science Technology Energy and Mining (MSTEM). The EQU acts as a Data Centre for the Comprehensive Test Ban Treaty Organization (CTBTO) and contributes data to the upcoming Caribbean Tsunami Warning Network in conjunction with the United States Geological Survey (USGS).

WORK OF THE UNIT

The EQU in conjunction with the Department of Geography and
Geology ran two workshops during the year on training on Tsunami Modelling and Hazard Assessment in collaboration with the Environmental Hydraulics Institute IH Cantabria, AECID (Spanish Corporation Agency), the Caribbean Disaster and Emergency Management Agency (CDEMA), and the Office of Disaster Preparedness and Emergency Management (ODPEM). The workshops were hosted by the Department of Geography and Geology and ran from the 15th-19th of September, 2014, and the 26th–30th January, 2015. Funding came from by AECID and Chilespana.

On the 10th November, 2014, the EQU participated in the Clarendon Parish Council Workshop/Disaster Management Group Sector Meeting. The objective of this activity was to gather insights into what is needed to finalise the Clarendon Parish Disaster Plan and where to garner this information. A map of earthquakes for a 5 year period of earthquake activity (up to December 2013) was submitted highlighting the ones occurring in Clarendon. This served to emphasise the fact that Clarendon does have an active fault running through it, and so can be directly impacted by earthquakes having epicentres within the parish.

On the 2nd–3rd of December, 2014, the EQU was involved with the Common Alerting Protocol (CAP) Workshop held at the Webster Memorial United Church, 53 Half-Way-Tree Road, Kingston. The training workshop was organized by the Met Office, the Finnish Meteorological Institute (FMI) and the World Meteorological Organization (WMO) as part of the SHOCS II project (Strengthening Hydrometeorological Operations and Services in Caribbean SIDS Phase II). Its’ objective was to introduce the CAP messaging format for Early Warnings as recommended by the WMO. CAP is the standardized alerting protocol recommended by the WMO as the messaging format for Early Warnings. Messages for emergencies are formulated from standardized XML template forms. This ensures uniform alerting jargon and format for all hazards/emergencies from all authorised alerting authorities.

During January and February, 2015, the EQU was involved with various expos during ODPEM’s Earthquake Awareness Month. Expos were run at Mandela Park, Half Way Tree (5th January 2015); The Transport Centre, Saint Ann’s Bay (16th January 2015); The Transport Centre,
Santa Cruz (23rd January 2015); and Sam Sharpe Square, Montego Bay (6th February 2015).

At the UWI Research Days (9th–11th February 2015), the EQU had a display on the landing of the EQU entrance, where visitors were able to view the exhibit and tour the facility.

On the 25th February 2015, the EQU was involved in the launch of ODPEM’s Jamaica Hazards Handy Manual at the ODPEM head office on Haining Road, Kingston. The manual was made possible by JICA with support from relevant Jamaican institutions such as the UWI and the Mines and Geology Division. There was a symbolic handover ceremony to the Hon. Noel Arscott, Minister, Ministry of Local Government and Community Development by JICA.

On the 9th of June 2015, the EQU participated in the State of the Environment (SOE) 2013 – Resilience, Disaster Risk Reduction and Adaptation to Climate Change, run by the Ministry of Water, Land, Environment & Climate Change. The workshop was conducted by NEPA in order to seek stakeholder contributions. The SOE is conducted on a three year cycle, and the last report was for 2010.

The EQU was involved with the GOJ/ODPEM Project: Improvement of Emergency Communication System. The Japan International Cooperation Agency (JICA) Team visited the EQU twice on the 14th and 22nd July 2015. The purpose of the visit by the JICA project team was to conduct a preparatory survey for the project. Questions were mainly on the network and the instrumentation used to gather and transmit earthquake information.

A total of 23 schools visited the EQU during the 2014–2015 reporting period, with totals of 935 students and 53 teachers. The Seismic Analyst and Education Officer provided presentations to the visitors detailing the operation of the Earthquake Unit and also information on Jamaica’s seismic activity and earthquake awareness.
THE JAMAICA SEISMOGRAPH NETWORK (JSN)

The Jamaica Seismograph Network performed at a satisfactory level during the year. At the end of this period three of the four digital broadband stations (STHB, YHJB and MTDJ) working. Montego Bay (MBJ) went down due to damage to the station from a lightning strike, and there was a lengthy delay in restoring service as a result of not having the necessary spares and waiting on the bursary to make payment. The twelve (12) analog short period seismograph stations worked at an acceptable level for most of this period with minor adjustments needed to improve on the signals from the western end of the island. There were delays in establishing the new broadband station at Castle Mountain due to the National Land Agency’s (NLA) slow process of completing their processing to give us the go ahead to proceed with the installation at the site. In the meantime, we have made arrangements with the Police to assist with transmitting the data to Kingston on their data network once we complete the installation.

There was an expansion of the Jamaica Strong Motion Network (JSMN) with the installation of three new stations bringing the total number of seismographs up to seventeen (17). The new stations were at the Office of Disaster Preparedness and Emergency Management (ODPEM), Portmore Community College (PCC), and the Kingston Public Hospital (KPH). We have data from the station at the ODPEM coming into the Earthquake Unit’s Central Recording Station in real-time but the other two sites are not transmitted in real-time as we do not have the radio equipment needed to transfer the data to the Earthquake Unit. We also completed the housing for stations that were part of the Caribbean Catastrophe Risk Insurance Facility (CCRIF) project at the Kingston Container Terminal (KCT) and the Long Mountain Country Club (LMCC). The Kingston Container Terminal (KCT) installation was completed and the station worked fine for all of this period with the data transmitted to the Earthquake Unit in real-time. We also continued to maintain the accelerographs installed at the Norman Manley International Airport (NMIA) and at TransJamaica Highway Limited. There are two accelerographs installed at each location with one unit installed as a free-
field station and the other installed on the control tower for NMIA and a free-field station at the Portmore Toll Plaza and the second unit on the Portmore Toll Bridge for TransJamaica Highway. There is also a Kinematrics ETNA accelerograph installed at SMADA Consultants in Half Way Tree at the SMADA office that continued to operate.

We had a busy lightning season from August to the end of November but we did not have much lightning damage to our equipment as measures were put in place to minimize the damage from such strikes.

The EQU continues to collaborate with the University of Wisconsin by working with Professor Chuck DeMets to process the GPS data for use in ongoing research work. We also have access to the data from the three UNAVCO GPS stations at Morant Cays, Pedro Bank and at the University of the West Indies. We also operate one GPS Continuous Station with a Trimble NETRS receiver at Pike in Manchester where data were downloaded and uploaded for processing. No temporary GPS installations were done during this reporting period. Engineers from UNAVCO visited in September, 2014, to check on the unit at the UWI.

The Earthquake Unit continued to operate the Jamaica National Data Center (NDC_JM) for the Comprehensive Nuclear Test Ban Treaty Organization (CTBTO). There were no major issues with the CTBTO equipment this year and the unit was able to do the necessary routine maintenance needed on the equipment. Earthquake Unit staff members continued to have access to all the CTBTO data.

The USGS-GSN station at Pike in Manchester had work undertaken on the station in October, 2014, to upgrade and to facilitate migrating from one telecommunication satellite provider to another. Two Engineers from the USGS visited in October to install equipment and to re-align the satellite for optimal performance. Earlier in the period we assisted in working with Spectrum Management in securing the VSAT license needed for the upgrade. I also visited the station (MTDJ) a few times to do routine maintenance and to sort out issues that came up during the year.

The EQU continues to seek additional collaborative possibilities. Recently, through the ODPEM, the EQU has been involved with JICA and a
Chile-Spain Cooperative Agreement in trying to source additional funding and technical support. Also in the 2014–2015 reporting period, the EQU has been working with ODPEM and the PIOJ in a proposal to the World Bank to increase the number of broadband stations and strong motion seismographs across the island. Funding from this project is hoped to be available in the 2015–2016 reporting year.

The EQU still faces significant challenges. We still operate without the necessary spare equipment and parts needed to ensure a smooth operation and hence long hour in the laboratory and in the field are necessary to keep the stations operating. Lightning strikes during the hurricane season (May to November) are a particular concern as stations may go down and there is a significant time lag to facilitate repair and reinstallation. There is still the challenge of the length of time it takes for the university to process orders and some local companies have stopped accepting UWI purchase orders.

EARTHQUAKES RECORDED

The JSN recorded 74 local events for the period from August 2014 to July 2015, slightly more than in the previous year when 68 were recorded (Table 1).

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Located Events</th>
<th>Total Located</th>
<th>Recorded Events</th>
<th>Total Recorded</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>Aug</td>
<td>5</td>
<td>0</td>
<td>5</td>
<td>9</td>
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<tr>
<td>2014</td>
<td>Sep</td>
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<td>7</td>
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<td>2014</td>
<td>Nov</td>
<td>5</td>
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<td>9</td>
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<td>Dec</td>
<td>4</td>
<td>3</td>
<td>7</td>
<td>13</td>
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<tr>
<td>2015</td>
<td>Jan</td>
<td>6</td>
<td>5</td>
<td>11</td>
<td>23</td>
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<tr>
<td>2015</td>
<td>Feb</td>
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<td>20</td>
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<tr>
<td>2015</td>
<td>Jul</td>
<td>4</td>
<td>3</td>
<td>7</td>
<td>13</td>
</tr>
</tbody>
</table>

Table 1: Events recorded by the Central Recording Station at the EQU from August 2014 to July 2015; of the 74 local events recorded, one was felt.
The largest ‘cluster’ of earthquakes was located to the north-east of Kingston in the south-western Blue Mountains Block/Wagwater Belt, which is the main subarea for earthquakes in Jamaica. Scattered earthquakes also occurred elsewhere but there were no other clusters (Figures 1 & 2). A single felt event was recorded in the north-eastern Blue Mountains (Figure 2).

Figure 2. Breakdown of earthquakes by subregion for the period from August 2014–July 2015.

Figure 3. Earthquakes in Jamaica from August 2014 to July 2015; felt earthquakes shown in red.
The total number of event processed by the Jamaica Seismic Network was 213, which included: 74 local events, 49 near events, 73 regional events, and 17 blasts (Table 1).

**PRESENTATIONS**

- **Karleen Black.** “Jamaica’s vulnerability to Earthquakes” ODPEM Earthquake Awareness Month, Press Launch, 6th January 2015.


- **Simon F. Mitchell.** “Jamaica and Earthquake Risk” Warden Conference, 12th September 2014, U.S. Embassy, 142 Old Hope Road, Kingston, Jamaica.

**COMMUNITY SERVICE**

The Earthquake Unit works in close collaboration with ODPEM and the Jamaica Institution of Engineers in disseminating the findings of research. The EQU also provides information/advice that is of national significance to both institutions.
WORK OF THE UNIT

The main objectives of the Electron Microscopy Unit for the 2014/2105 academic year were to:

• assist Researchers and Students, on and off the UWI Mona campus, with the microscopy aspects of their research

• expose interested persons to various aspects of microscopy;

• teach in the academic program of the UWI Mona campus,

• conduct research

All of the objectives were met to the extent that even students from an Elementary school were exposed to microscopy. The main investigations done and services provided are listed in Table 1.
Laboratory sessions were conducted in Electron Microscopy and OM:

- graduate course Research Methods “C60M” from the Department of Chemistry
- undergraduate course Virology “Biol3404”, which included a lecture on negative staining of viruses.

Dr. Wolf contributed to the graduate course Research Methods for Biologists “BL60E” from the Department of Life Sciences, the undergraduate course Research Skills and Practices “Biol 2401” from the Department of Life Sciences and the course Forensic Chemistry “FSCI6502” from the Department of Basic Medical Sciences, which all involved lectures and laboratories on Microscopy and Digital imaging.

Dr. Wolf served on the executive board of the Natural History Society of Jamaica.

**Table 1.** Main investigations done during the 2014/2015 academic year.

<table>
<thead>
<tr>
<th>Specimen/Service</th>
<th>Technique</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult insects</td>
<td>MP (macrophotography)</td>
<td>Dept. of Life Sciences</td>
</tr>
<tr>
<td>Fats &amp; Oils</td>
<td>OM (optical microscopy)</td>
<td>Dept. of Chemistry</td>
</tr>
<tr>
<td>Pimento</td>
<td>MP</td>
<td>Dept. of Life Sciences</td>
</tr>
<tr>
<td>Pimento flower</td>
<td>OM</td>
<td>Dept. of Life Sciences</td>
</tr>
<tr>
<td>Pimento pollen</td>
<td>OM</td>
<td>Dept. of Life Sciences</td>
</tr>
<tr>
<td>Plant leaves</td>
<td>OM</td>
<td>Dept. of Chemistry</td>
</tr>
<tr>
<td>Rock sections</td>
<td>OM</td>
<td>Dept. of Geography &amp; Geology</td>
</tr>
<tr>
<td>Setting up and</td>
<td>OM</td>
<td>Dept. of Life Sciences</td>
</tr>
<tr>
<td>commissioning new,</td>
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<tr>
<td>and advanced optical</td>
<td></td>
<td></td>
</tr>
<tr>
<td>microscope</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wire mesh</td>
<td>OM</td>
<td>Jamaica Bureau of Standards</td>
</tr>
</tbody>
</table>
Collaborations with Protozoologists from the University of Salzburg (Austria) on Ciliates in tank bromeliads and with Zoologists at the University of Kassel (Germany) on the morphology and development of Jamaican Onychophora (velvet worms) continue.

REFEREED PUBLICATION

de Sena Oliveira, I., Lüter, C., Wolf, K.W., Mayer, G. (2014). Evolutionary changes in the integument of the onychophoran *Plicatoperipatus jamaicensis* (Peripatidae). Invertebrate Biology 133(3): 274–280 (The picture on the cover page of this issue of the journal was a scanning electron micrograph selected from this article).

NON-REFEREED PUBLICATION

During the 2014/2015 Academic Year, the Institute for Gender and Development Studies (IGDS) Mona Unit continued to support the UWI’s Strategic Plan 2012–2017, by prioritizing three (3) main areas: Teaching and Learning, Research and Innovation and Public Service/Outreach.

New registration in the BSc Gender and Development programme was lower than projected (19 vs 25 anticipated). Major highlights were expansion of the teaching and outreach programme to the UWI’s Western Jamaica Campus (WJC). Two courses were offered (GEND3031 and GEND2004) to 30 students, delivered by new Part Time Lecturer, Ms Carla Moore (M.A in Gender Studies) from Queens University in Canada and all were successful. Ms Moore and Ms Kimberly Carr (Research Assistant at IGDS Mona Unit) also co-facilitated a gender
training workshop for 30 teachers and guidance counsellors during WJC’s Open Day on January 12, 2015.

Other highlights included postgraduate scholarships to two male BSc graduates who are now studying overseas. Postgraduate students supervised by Mona Unit staff also continued to make progress and one graduated in October 2014. The Unit’s research publication output increased, as reflected in a report presented to the Mona Academic Board on May 21 2015 on research and publication output by UWI Mona’s Academic Staff. The per capita output of scholarly publications by IGDS Mona Unit staff for the period 2007–2013 was very high, especially for monographs; book chapters, conference presentations and technical reports. (See AB (M)P.82).

The Unit also continued to support implementation of the Mona Campus’ Gender Action Plan, and the development of the UWI’s Gender Policy coordinated by the IGDS Regional Unit. As part of its gender mainstreaming work, the Unit supported the Mona Campus’ response to gender based violence in 2015, by hosting two gender sensitization sessions for approximately 65 Campus security officers and two sessions for approximately 50 Chancellor Hall students. The Outreach programme also expanded in response to increased requests to deliver gender training workshops, and research consultancies to external stakeholders locally and regionally. Among these were two (2) Gender Training workshops delivered to the Planning Institute of Jamaica’s Climate Change Adaptation Fund, the Rural Agricultural Development Authority (RADA) in the Ministry of Agriculture, Peace Corps Volunteers and teachers attending the Cayman Islands National Education Conference in February 23–24 2015.

Outreach: The Mona Unit organised or participated in four (4) major activities during the reporting period: i) hosted the Eighth Lucille Mathurin Mair Public Lecture presented by Dr. Nkosazana Dlamini-Zuma, Chairperson of the African Union Commission on April 9 2015 at the UWI Law Faculty entitled “The African Year of Women & 20 Years after Beijing”. Dr. Dlamini-Zuma was a guest of former Prime Minister, the Most Hon PJ Patterson; ii) the second annual International Women’s
Day (IWD) Expo on March 7 2015, co-hosted with the Women's Resource and Outreach Centre (WROC) and other partners; iii) International Men’s Day celebrated on November 19 2014 with a silent march around the Ring Road and a public education forum at the UWI Undercroft and iv) a meeting with visiting UN Rapporteur on Gender Based Violence with members of the Mona academic staff and local interest groups, on April 15 2015.

Outreach on Mona Campus also included revival of the IGDS Brown Bag Lunchtime Discussions to increase awareness of topical gender issues, co-hosted with the IGDS Regional Coordinating Unit. Two sessions were held: March 4 2015 on “Gender-Based Violence at Tertiary Institutions”; and the other on April 15, 2015 on “How to Move Up the UWI Career Ladder.”

STUDENTS

Undergraduates: Total student enrolment in the BSc in Gender and Development was 134 for 2014/2015, which included 19 new students. The Unit delivered 19 courses to 1,002 students in 2014/2015 (Semesters 1, 2 and Summer School 2015) and included two courses offered at WJC in Semesters I and 2. This reflects a decrease in registration compared to 1,067 in 15 courses in 2013/2014. In Semester 1, some 459 students (113 males and 346 females) completed seven (7) courses. In Semester 2, some 462 students (124 males / 352 females) completed nine (9) courses and in Summer and Summer School 2015, some 67 students (15 males / 52 females) completed three (3) courses inclusive of eleven (11) female teachers registered in the BA Early Childhood Education programme from Shortwood Teachers’ College. Twelve (12) BA Literacy students at the Moneague College successfully completed GEND3031 in Semester 2.

Major challenges: Most new students did very well, but approximately 5% had to be asked to withdraw at the end of the academic year because of poor academic performance but were counselled and allowed to continue. Factors included: financial problems which negatively impacted
their ability to pay fees, access resource materials on OURVLE and attend school regularly; some were unable to cope with the curriculum. Some Year 2 and 3 students also had to apply for Leave of Absence because of financial problems.

**PROGRAMMES**

**Teaching & Learning:** There is increasing need for gender specialists to mainstream gender in development policies and programmes in various sectors, but student enrolment decreased because of the economic climate and the Structural Adjustment Programme. Teaching and learning were enhanced through: Guest lecturers, and increasing students’ interactions with professionals from government, private sector and NGOs.

**Student Awards:** Five (5) BSc Gender and Development students received awards for academic achievements in the annual UWI Student Awards Ceremony held in April 2015. A replica of the IGDS trophy for academic performance was presented to Ms Raque Salmon who received the highest GPA and who graduated on October 30 2014 with first class honours. As previously noted, two male graduates were awarded postgraduate scholarships to study overseas. Mr Odean Rodney is pursuing an MBA in the USA and Mr Occero Fuller is pursuing a Masters in Development at the University of Samoa in the Pacific on a European Union Erasmus Mundi scholarship. Several other BSc Gender Majors are pursuing postgraduate degrees and others are working.

**BSc Graduates:** On October 30 2015, some 25 students will graduate: seven (7) upper second; 16 lower second; and two (2) passes. This increased the total graduates from the BSc to 66 since the programme started.

**Student Internships:** To enhance teaching and learning and career readiness, internships were arranged for undergraduate students enrolled in the BSc programme and others completing gender courses. Three types of internships were organized:

**Inter-institutional partnerships:** Partnerships with eight (8) agencies enabled 72 students in GEND3032 (Gender Climate Change and
Disaster Risk Management) to be placed, to build capacity to mainstream gender in development policies and programmes and enhance career readiness. Partners were: Ministry of Water, Land, Environment and Climate Change – Climate Change Division; the Planning Institute of Jamaica (PIOJ); PANOS Caribbean; Combined Disabilities Association; Women’s Resource and Outreach Centre (WROC); the Institute for Sustainable Development (UWI); The UWI’s Human Resources Management Division and the UWI’s Estate Management (Maintenance Department).

**Institutional Internships:** Career development was enhanced by organising Summer Internships for six (6) students with PANOS, the Bureau of Women’s Affairs, UNFPA and NEPA during July–August 2014. Students completed work assigned by the agencies, learnt about their work in development and environmental issues, and reviewed their policies and programmes to assess gender mainstreaming.

**Postgraduates:** The Unit’s staff continued to support postgraduate teaching and research by supervising 11 MPhil/PhD students for the IGDS Regional Coordinating Unit, IGDS St Augustine and other UWI Departments. In addition to the PhD graduate in October 2014 others progressed in their programmes by gaining Ethics approval, presenting at upgrade and research seminars, conferences, and submitting articles for publication.

**Strategies to Create the Ideal UWI Graduate/Cross-Faculty Teaching:** The Mona Unit continued to be responsible for the delivery of the undergraduate module on Gender Ethics Science and Technology in FOUND1001/FD12A. In 2014/2015 the postgraduate module on Gender Issues in Health in the Family Medicine (FMMS 6231) programme was again delivered on-line to 12 medical doctors registered at UWI Cave Hill and UWI Mona.

**STAFFING**

Human resources: During the year, six academic staff delivered the programme. This included: three (3) new academic (Senior Lecturer, Dr
Cecily Jones (November 2014); Lecturer, Dr Adwoa Onuora (August 2014); PT Lecturer, Ms Carla Moore at the Western Jamaica campus (Sem 2). Mrs Carol Watson Williams continued as a PT Lecturer for one course. Dr Annecka Marshall (Lecturer) and Dr Dunn (Senior Lecturer/Head) continued on staff. The Unit’s Administrative team included Ms Ingrid Nicely- Senior Administrative Assistant, Ms Kimberly Carr – Research Assistant, Ms Ann Marie Virgo – Receptionist and Ms Thalia Ellis-Office Attendant.

The workload increased with more demands for gender training workshops, guest lectures, and technical assistance to mainstream gender in national policies and outreach/advocacy programmes and supporting visiting researchers and academics and responses to the media. This continued to undermine goals for work-life balance for staff members.

Staff Teaching Loads: Full time lecturers delivered 10 hours teaching and the Head 5 hours weekly.

**RESEARCH & OUTREACH**

The Unit continued to have an active Research programme. Research projects included:

- **Title:** “Towards an Understanding of Structural Drivers of HIV/STI and Protective Factors among Sexual and Gender Minority Youth in Kingston, Jamaica”. Dr. Marshall, Dr. Carmen Logie and other partners from the University of Toronto commenced this three year research project with the Jamaica Aids Support for Life (JASL). The research is sponsored by the Canadian Institute of Health Research (CIHR) and is funded by the International Development Research Centre (IDRC). Academics and community workers in Jamaica and Toronto are conducting research to expand knowledge to reduce HIV/STI risks through analysis of pathways to promote equitable healthcare among Sexual and Gender Minority Youth (SGMY) in Kingston, Jamaica, to better inform HIV/STI prevention programmes in the Caribbean and with Caribbean SGMY in Canada.
• Title: Human Trafficking in Jamaica: In December 2014 Dr Dunn was commissioned by the Ministry of Justice and the United Nations Population Fund (UNDP) to conduct research on Human Trafficking in Jamaica for the National Anti-Trafficking Task Force. This is a follow-up to the Ricketts and Dunn (2007) study on Trafficking in Persons in Jamaica, funded by the IDB. The new project includes development of a Trafficking in Persons Database and Information System to improve data collection, analysis and reporting. The Database project also made recommendations to build and maintain the TIP Database to ensure easy access for policy makers. A TIP Data-sharing Protocol and Brochure were also developed to promote use of the Database from a wider cross section of institutions. Research has also resulted in a new Situational Analysis of Human Trafficking in Jamaica with data on new trends, risks, best practices, a review of legislation to fulfil global and national commitments; to guide development of a national policy on human trafficking as well as the work of the National Anti-Trafficking Task Force’s subcommittees on prevention, prosecution and protection coordinated by the Ministry of Justice.

Dr Dunn continued research for her book entitled: “Engendering Caribbean Development: Implications for policy and planning in the Caribbean. The volume on the “Elsa Leo-Rhy nie Symposium 2008 Conference Proceedings co-edited with Professor Barbara Bailey was submitted to the Caribbean Review of Gender Studies journal for publication.

Action Research: UWI Mona’s Gender Action Plan & UWI Gender Policy: Ten (10) Gender Focal Points were appointed by faculties and departments to support the IGDS in preparing and implementing the UWI Mona’s Gender Action Plan (GAP). Activities in support of the GAP included: two sensitization sessions attended by 65 security guards following meetings with the UWI Campus Security team; two sessions with male students from Chancellor Hall; a planning meeting to support Gender Focal Points. A joint MU/RCU Brown Bag Lunch was also held on March 4 2015 to discuss gender based violence on the Mona campus. The Unit is currently working with other IGDS colleagues from the
Regional Coordinating Unit, the Nita Barrow Unit (Cave Hill) and St Augustine Unit to support the development of the UWI Gender Policy.

SERVICE TO THE UWI-12 COUNTRIES AND UNDERSERVED COMMUNITIES

The IGDS Mona Unit was commissioned by the Caribbean Disaster Emergency Management Agency (CDEMA) to mainstream gender in climate change and disaster risk management policies programmes, and strategies. Partnership with CDEMA also enabled Ms Kimberly Carr to make a presentation at the World Humanitarian Summit Gender Consultation held in Santiago, Chile in April 2015; Mrs Indi McLymont Lafayette to conduct a gender training workshop at CDEMA’s Regional Consultation in Barbados, on April 17, 2015 and Dr Leith Dunn at a CDEMA training workshop for Caribbean disaster managers at a workshop in Providenciales, Turks and Caicos Islands on July 7, 2015 via Skye. The Mona Unit research team integrated gender in CDEMA’s Comprehensive Disaster Management (CDM) Strategy and Framework for 2014-2024; data collection instruments for Damage Needs Assessments and in all CDM programmes of CDEMA participating countries. These activities are in preparation for the 2016 Global Disaster Summit which will include gender equality and women’s empowerment in global humanitarian reforms.

PAPERS PRESENTED

Major Conferences/Seminars

- International Association for Feminist Economics (IAFFE) Conference: Dr Dunn chaired a panel at the IAFFE Conference the held at the University of Ghana, Legon Campus, on June 27 – 29, 2014.

- International Monetary Fund/Government of Jamaica Conference on Women, Work and the Jamaican Economy: Dr Dunn presented a paper on the ‘Role of Women in the Jamaican Economy, at the Conference, held on September 30, 2014 at the Jamaica Conference Centre. This was attended by the Prime Minister, several government
ministers and officials as well as staff of the IMF and other key stakeholders.

- Conference on Gender Based Violence in the Organization of Eastern Caribbean States (OECS): Dr Dunn coordinated a panel discussion on 'Men as Perpetrators and Victims of GBV' during the regional conference which was organized by the Organization of American States, held at Bay Garden Hotel in St. Lucia, from September 22–25, 2014. Dr Dunn participated via Skype.

- UWI Student Leaders’ Conference: Dr Dunn chaired a panel discussion titled “Changing Old Paradigm: Add Women Change Everything at the UWI Student Leaders’ on August 15, 2014 on the Mona Campus.

- Conference for Junior Electoral Professionals: Dr. Dunn gave a presentation on 'Integrating Gender in Electoral Campaigning’, at a regional training conference for Junior Electoral Professionals employed to Electoral Commissions across the Caribbean, at the Jamaica Pegasus Hotel on September 25, 2014. This was hosted by the Commonwealth Secretariat and the Electoral Commission of Jamaica.

- HelpAge International Conference: A paper prepared by Dr Dunn entitled “Gender Issues in Disaster Risk Reduction: Differentiated Needs, Experiences and Contributions of Older Men & Women” was presented by Ms Kimberly Carr (Research Assistant) at the HelpAge International Conference, held at the Jamaica Conference Centre on October 13, 2014;

- Belize Country Conference: Dr. Dunn presented a paper entitled: 'Gender and Climate Change’ at the UWI Open Campus” Belize Country Conference, on October 28, 2014. (via Skype).


- MSBM Inaugural Conference on Business and Management January
7–9, 2015, entitled: ‘Learning, Knowing, Doing”: Dr. Dunn and Ms. Alison Brown (Mona School of Business and Management), presented findings of a pilot study entitled ‘Women at the Music Margin: Investigating Gender-related Impediments to Success in Jamaica’s Music Industry’. Ms. Carla Moore part-time IGDS Mona Unit Lecturer at the Western Jamaica Campus (WJC) made the presentation on January 8, 2015 at the conference held in Montego Bay, Jamaica.

- Annual SALISES Conference: Dr Dunn presented a paper entitled 'Revisiting Lewis’s Legacy: Maximizing the participation of men and women in Development’ at the 16th Annual SALISES Conference, held in St Lucia from January 14–16, 2015, under the theme: Towards Caribbean Prosperity and Happiness in an Equitable and Sustainable World. The presentation was included in the panel on: A Gender Focus on Happiness, Labour, Income, Equity and Sustainable Development.

- International Reggae Conference: Dr. Marshall chaired a panel on "Jamaican Music: Diffusion, Community, Heritage and Gender", at the International Reggae Conference, held in The UWI’s Main Library on February 13, 2015.

- JTA 2015 Conference: Dr Dunn was the guest speaker at the Jamaica Teachers’ Association’s Education Conference held on April 10, 2015 in Montego Bay. Her presentation was entitled: ‘Gender Based Learning Strategies – Teaching with an awareness of male and female socio-cognitive development’.

- Cayman Islands National Education Conference Gender Workshop: Dr Dunn was invited to facilitate three (3) workshops for educators attending the Cayman Islands National Education Conference on February 24, 2015. The workshops were held under the theme: Mainstreaming Gender in Education: Tools and Tips for Educators.
PUBLICATIONS

Books & Monographs


Book Chapters


INCOME GENERATION

The Unit contributed an estimated US$351,818.77 to the UWI in 2014/2015. This was based on revenue of US$268,036.21 – from student fees from 134 Gender Studies Majors (est.110 full time and 34 part-time) in semesters I & II, and 52 students registered in Summer School 2015; US$3,000.00 for Gender Training Workshop conducted at the Cayman Islands National Education Conference Gender Workshop, in the Cayman Islands; research funding of US$70,000- from UNDP Trafficking in Persons (TIP) Information Systems and Database Project to enable the capacity of the Ministry of Justice and National Anti-Trafficking Task Force to monitor and report on TIP in Jamaica; ii.US$9,000 to undertake Gender Mainstreaming in CDEMA Policies, Programmes and Strategies; (US$1,782.56) in cash and kind for Special events: US$469.56 – contribution from UNFPA towards International Women’s Day (IWD) Expo 2015; US$869 – contribution towards the Lucille Mathurin Mair Public Lecture from Jamaica National Building
Society (JNBS), and US$444 in kind from the South African High Commission for the Eighth Lucille Mathurin Mair Public Lecture.

PUBLIC SERVICE

Staff of the Unit continued to provide public service to many institutions. This continued to include support to mainstream gender in public policies, public education and awareness on gender through guest lectures, seminars, workshops, media interviews, as well as serving on boards and committees.

Dr. Leith Dunn continued as the UWI Mona’s Gender Focal Point to integrate gender as part of the Jamaica’s National Policy for Gender Equality. She also continued to serve on the Board of Management of the Shortwood Teachers’ College and the Foundation for International Training in Canada; a member of the International Association for Feminist Economics, the Caribbean Studies Association; as a member of journals (including the Caribbean Review of Gender Studies Online Journal, and the Journal of Education and Development in the Caribbean) and a peer reviewer for academic publications.

Dr Annecka Marshall continued as a member of: the Editorial Boards of Caribbean Review of Gender Studies Online Journal and the Jonkonu Arts Journal published by the Edna Manley College of the Visual and Performing Arts; member of the Board of Directors of AWOJA; British Sociological Association; The Association of Black Sociologists; The Association for the Study of the Worldwide African Diaspora; African Studies Association of Africa.

Dr Adwoa Onuora served as a member of: 51% Coalition, Jamaica; the IGDS Representative Voices for Equal Rights and Justice (VERJ) tasked with advocacy around the revision of Jamaica’s Sexual Offences Act; and a member of Motherhood Initiative for Community & Research Involvement (MIRCI).
OVERVIEW

The Institute for Gender and Development Studies (IGDS) is an independent, multi- and interdisciplinary Institute of the University of the West Indies and falls outside of the traditional Faculty system. The IGDS consists of a Regional Coordinating Unit (RCU), located in the Regional Headquarters of the UWI, and three Campus-Based Units, each with its own Head, located at Cave Hill, Barbados, Mona, Jamaica and St Augustine, Trinidad & Tobago. The IGDS also maintains active links with the Open Campus. The University Director, based in the RCU, has oversight of the Campus-Based Units as the RCU functions as the administrative hub of the regional Institute.

In addition to its administrative duties, the RCU has responsibility for
helping to finance the enterprise and does so through collaborative initiatives with its partners, including UNWomen, UNFPA, the IDB and CARIBSAVE. Administering the Graduate Programme at the Mona Campus is also the responsibility of the RCU.

The activities of the RCU for the period under review were governed by the IGDS’ Mission Statement, which is to; “Produce and disseminate knowledge to transform gender relations in the Caribbean, in support of the UWI’s mission to enhance regional and international development.”

Its Vision is to ensure that “All UWI graduates are committed to social justice and the promotion of gender-responsive human relations and development.” Like the wider IGDS, the RCU tried to achieve this Mission and Vision by producing and delivering interdisciplinary and multidisciplinary programmes characterized by excellence in:

- Teaching and learning guided by feminist theories and Gender & Development perspectives, principles and practices,
- Research and publications from a gender perspective that investigate societal issues and challenges,
- Public service, outreach and activism that transform gender relations and promote social justice, and
- Building partnerships and mobilizing resources to facilitate its work.

Most of the energies of the RCU during the period under review were directed towards ensuring that the Unit continued to play its critical role in helping to shape several of the key strategic themes and goals of the Institute itself as well as of the wider UWI, falling under the broad themes of: Teaching, Learning and Student Development, Research and Innovation and Outreach.

Since 2014, the larger IGDS, led by the RCU, has been tasked by the UWI with developing a UWI-wide Gender Policy, which will ensure the Institution’s compliance with National Policies for Gender Equality and develop best practices for the UWI in the areas of gender equity, equality and parity and eliminate sexism from the practices and processes of the UWI. During the period under review, the Regional Steering Committee
comprising members of all the Campus-Based Units, the RCU, the Open Campus, the University Registrar the UWI Legal Unit, the UWI Marketing and Communication Office and the Office of Planning and Institutional Research continued to provide oversight and implementation of the work plan for the process on all campuses as well as at the Regional Headquarters. A draft policy is expected to be presented to the University’s Finance and General Purposes Committee (UF&GPC) at their meeting in May 2016.

The remainder of this Report highlights the work of the RCU of the IGDS in the critical areas mentioned in this Overview.

TEACHING, LEARNING AND STUDENT DEVELOPMENT:

During the AY, the RCU offered the following Degrees in Gender & Development Studies:

- A Postgraduate Diploma
- An MSc (with a Research Paper or 3-month internship report)
- MPhil and PhD Degrees (in a wide range of related fields)

Eight graduate courses were offered during the period and taught by Professor Verene Shepherd, Drs. Dalea Bean and Natasha Mortley, and adjunct staff Dr. Jean Johnson and Ms. Joan French. Numbers in the taught Master’s programme remained relatively steady and the Unit presented 1 PhD (Winsome Townsend), 1 MPhil (Yvonne Blagrove-Smith) and 5 MSc students at the graduation ceremony held in October 2014.

The RCU also continued its Staff/Graduate Seminar Series. Graduate symposia were held on March 19, 2015 and May 2, 2014. Presenters were able to engage with a wide range of research issues and the series provided insight into the research papers or internship programmes for graduate students. A successful upgrade seminar was further held for MPhil candidate Ms. Cynthia Pitter on April 30, 2015.
The Unit made the inaugural Louraine Emmanuel Award (a financial grant of US$500) to Dr. Winsome Townsend (PhD graduate) and Ms. Jannet McIntosh (MSc graduate) on November 4, 2014. The prize consisted of both a cash and book award. The students were also recognized at the Campus’ Scholarship Graduate Award Breakfast held on April 9, 2015.

STAFFING

The staff complement in the RCU remains small despite persistent requests for additional researchers. Supporting the various programmes and activities were, in addition to the University Director, and the lecturers already mentioned, Administrative Officer, Mrs. Shakira Maxwell, Junior Research Fellow, Mrs. Suzanne Charles Watson, Temporary Research Assistant, Mr. Kemal Brown, Secretary Mrs. Kadine Marshall Williams, and Office Attendant, Mrs. Margaret Rowe-Hunter.

The Unit also hosted Ms. Lahoma Thomas a visiting PhD student/Weston Fellow from the University of Toronto, Canada and Ms. Nicosia Shakes a visiting PhD student from Brown University in the United States. While attached to the Unit both students undertook primary field work, provided guest lectures in courses and assisted in the planning and execution of outreach activities.

RESEARCH

The RCU continued to participate in regional research, which informs policy-making throughout the Caribbean. Below is a highlight of the major research undertaken during the period.

i. A regional project, “Contemporary Caribbean Masculinities: An investigation into Boys, Men & Masculinity in the Contemporary Caribbean” was the flagship project to be continued into 2016. project, which intends to be a CARICOM wide study, will examine the ways in which the lives of Caribbean men have evolved over the last thirty years. The project was launched on April 29, 2014 in the form of a seminar, which provided an opportunity for dialogue
around critical areas of inclusion for a comprehensive research agenda on contemporary Caribbean Masculinities. Scholarly papers were presented on issues related to the various manifestations of Caribbean Masculinities. It further solicited both ideological and resource contributions from the academic, CBO, Non-Governmental and international donor communities; as well as from Civil Society and relevant Government agencies towards the various thematic aspects of the research. The seminar involved the other campuses via the Open Campus platform and segments of presentations were also shared via YouTube.

The project was later selected by the University Research Day team for inclusion in the UWI Opportunity Lounge which took place during UWI’s Research Days, February 9–11, 2015. Professor Shepherd and Mrs. Charles Watson subsequently participated in meeting with several partners in relation to the regional project.

A follow up stakeholder’s meeting was held on May 20, 2015 with organizations including UWIHARP, The World Bank, UNICEF, UNWomen, IDB, the United Nations Population Fund, the Canadian High Commission, and the British Council in reference to possible strategic partnerships that could be forged to advance the Masculinities project.

A Regional Steering Committee meeting on the project also took place at Cave Hill, Barbados, from June 10–11, 2015. The committee discussed the scope and sequence of the project and it was determined that the first activity would be a comprehensive demographic profile of Caribbean males using CARICOM census data sets. Preliminary background on this activity work has begun and will continue in the upcoming AY.

ii. Work was undertaken and completed during the review period on the Gibson Relays Project with Professor Shepherd, Mrs. Charles Watson, Mr. Brown and MSc. graduate student Mr. Deighton Stuart providing research services to document the history and impact of the Gibson Relays, from a gender perspective.

This work is part of a larger RCU interest in Gender and Sports launched at Research Days 2015.
The Unit collaborated with the Enhancing Knowledge and Application of Comprehensive Disaster Management (EKACDM) on a major research project on Disaster Risk Management (DRM). The project is funded by DFATD, Canada. During the period under review, the RCU research team met with Dr. Thera Edwards, the project leader, to determine the Terms of Reference. The RCU is being asked to produce, a strategic plan for gender-sensitive DRM mainstreaming which includes:

i. A gender review of strategies developed and endorsed by the Caribbean Disaster Emergency Management Agency (CDEMA) for DRM,

ii. Reviewing existing plans and strategies for gender mainstreaming DRM,

iii. Holding stakeholder consultation on mainstreaming DRM, and

iv. Improving methodologies for gender-sensitive hazard impact mapping, disaster risk mitigation, or risk assessment endorsed by CDEMA.

The Unit will also be developing specific training material, which will include:

i. Gender-sensitive manuals on mainstreaming DRM into key regional economic sectors,

ii. Specialized training modules and courses for mainstreaming DRM into key regional economic sectors,

iii. Manuals on mainstreaming gender-sensitive DRM into business practice for Small and Medium Enterprise (SME)s, and

iv. Specialized training modules, workshops and online courses for mainstreaming DRM into SME business practice.

OTHER ACTIVITIES:

iv. Mrs. Charles Watson represented the Unit at the Caribbean Development Bank (CDB) hosted meeting to discuss Gender Equality in the OECS Education Sector Strategy, February —6, 2015. The meeting, which was held in Gros Islet, St. Lucia brought together education policy makers and gender specialists to discuss the Gender Implementation Guidelines for the Strategy.
v. Mrs. Charles Watson also attended a 2-day meeting on September 10 and 11, 2014 convened by the UWI Latin American-Caribbean Centre (LACA) with scholars from Columbia including Dr. Diana Soto Arango, Director of the Hisula Research Group to discuss potential collaborations. Present at the meeting including Mrs. Charles Watson were Ms. Annette Insanally (Director of LACA), Professor Julie Meeks-Garner, Ms. Ceceile Minnott and Professor Hubert Devonish.

OUTREACH

The RCU engaged in several important outreach activities during the period August 2013–July 2014. These included:

i. Collaborating with the Mona Campus Unit of the IGDS to re-launch the Brown Bag Series, “Conversations with Gender” in an attempt to re-engage the campus community on issues around Gender and Development. The first seminar was held on March 4 under the theme, “Gender-Based Violence at Tertiary Institutions: Can we Have a Conversation?” and featured a panel discussion with Ms. Annie Paul, SALISES, Ms. Nicosia Shakes, RCU Visiting PhD Candidate, Brown University and Ms. Taitu Heron, UN Women.

The second seminar in the series was held on April 15, 2015 under the theme, “How to Move Up the UWI Career Ladder” and featured panellists, Profs. Mark Figueuroa and Patsy Lewis from SALISES and Dr. Allister Hinds, Director of the Human Resources Department at Mona.

ii. Operating the Home Work Centre for the benefit of the children of staff and students on the Mona campus.

iii. Meeting with Mrs. Rashida Manjoo the UN Special Rapporteur on Violence Against Women, its Causes and Consequence on April 15, 2015. Ms. Manjoo was on a study tour in the Caribbean region. The meeting provided an opportunity to highlight the research work of the RCU in the arena of Gender-Based Violence and related issues.
iv. Hosting, with the MCU, the 8th Biennial Lucille Mathurin Mair Public Lecture delivered by Dr. Nkosazana Dlamini Zuma, Chairperson of the African Union Commission on April 9, 2015. The lecture which was entitled, “The African Year of Women & 20 Years After Beijing” was well attended by over 150 persons.

v. Making a monetary contribution to the Jamaica National Netball Team to assist the National Team in their preparations for the Netball World Cup to be held in Sydney Australia in August 2015.

vi. Continuing to disseminate the research work conducted for the IDB funded Adolescent Dislocation Project. Team members, Mrs. Charles Watson, Dr. Mortley and Prof. Claremont Kirton discussed some of the key findings from the project on the radio programme “Talking History” with Professor Shepherd on January 31, 2015.

vii. In recognition of International Day for the Elimination of Violence Against Women and the 16 Days of Activism Against Gender Based Violence, the RCU distributed purple ribbons to all staff members in the Regional Headquarters. Staff members “pinned” RHQ staffers and the Vice Chancellor. The Unit also sent out press releases to local media houses and internally via the Mona Campus Messaging System in recognition of International Men’s Day on November 19 and International Day for the Elimination of Violence Against Women on November 25.

ACADEMIC ACTIVITY: STAFF MEMBERS:

In addition to carrying out their teaching and administrative responsibilities and participating in general IGDS activities (workshops, projects, e.g.), members of staff found time to attend various academic fora at which they made individual presentations. A sample is highlighted below:

Dr. Dalea Bean

• (with A. Spencer) “What’s romance got to do with it? Female sex tourism in Jamaica”. MSBM 3rd International Tourism Conference: Tourism and Innovation: Re-inventing, Revolutionizing, Transforming,
November 9–11, 2014, Montego Bay, Jamaica. (15 slides)

- “Franchise for the Women Like World War I: Dissent, Activism & Transformation”, October 17–18, 2014, Georgian Court University Lakewood, New Jersey, USA. (12 pages)

- “Gendered Contradictions of Activism for the Vote for Jamaica Women.” Catastrophe or Catalyst? African and African Diasporas’ Visions Arising from World War One, October 2–4, 2014, Bayreuth Academy of Advanced African Studies, Germany. (14 pages)

Mrs. Suzanne Charles Watson

- “Caribbean Education Systems: Student perceptions of race as predictive of educational outputs and outcomes”. Coloquio “La Historia De Vida De Las Maestras Africanas y Afro Descendientes En Colombia, Brasil, Guatemala, Venezuela, Guinea Ecuatorial, Jamaica. April, 2015, Kingston, Jamaica (10 pages)


Mrs. Shakira Maxwell

• “I’m Not Going to be Bare Foot and Pregnant!: The Need for a Rights Based Approach to Reproductive Health Policy in Jamaica”, Sexual and Reproductive Health Conference, November 29–30, 2014, Kingston, Jamaica. (17 slides)


Dr. Natasha Mortley


• “Racing to the Top: Sports Tourism in Jamaica from the Global Value Chain Approach”, the 16th Annual SALISES Annual Conference, Celebrated as: The W. Arthur Lewis Centennial, January 15, 2015, St. Lucia. (32 pages)

• Lead Presenter and Co-Facilitator – OECS/IOM Workshop on Diaspora Engagement and Remittances for Development in the OECS. October 30 to 31, 2014, St Lucia.

• Participated in a conference and roundtable discussion from August 20–21, 2014 for the Washington Network Group and Society for International Development in Washington DC, USA.

Professor Verene Shepherd

• “Backward Stretch, Forward Reach: Who are you carrying in Your Backpack? Keynote address, Scholarship luncheon hosted by the Jamaican Women of Florida Association, May 23, 2015, Miami, Florida, USA. (12 pages)

• Keynote Speech entitled, “Learning from Historical Tragedies to Combat Racial Discrimination Today” at the United Nations General Assembly in New York at the event to mark the International Day for the Elimination of Racial Discrimination on March 20, 2015. While in New York she was also invited to join the Jamaican Delegation for the unveiling of the Permanent Memorial in Honour of Slavery and the Trans-Atlantic Slave Trade which took place on March 25, 2015 at the UN Headquarters. (6 pages)


• “War memorials and Black Liberation: Grounding with Walter Rodney on History, Heritage and Activism,” Walter Rodney Memorial Lecture, Coventry, UK; The Yesu Persaud Centre for Caribbean Studies, October 28, 2014, United Kingdom. (33 pages)


• Attended a Conference on the Bicentennial of the Congress of Vienna in Austria from September 15–22, 2014. While in Austria, Prof. Shepherd was appointed "Vice President of the Congress", chaired the opening Plenary at the University of Vienna and delivered a seminar paper at the University of Klagenfurt titled, "Trends in Caribbean Historiography and Caribbean Historians' Activism". (8 pages)
• “Reparation, Psychological Rehabilitation & Pedagogical Strategies.” George Lamming Distinguished Lecture, Errol Barrow Centre for the Creative Imagination, Cave Hill, Barbados, June 11, 2014 and The Annual Cyril Packwood & Kenneth Robinson Lecture, Hamilton, Bermuda, September 8–10, 2014. (34 pages)

• “In Their Name: Caribbean Women, Slavery & Reparation.” Feature Address, 32nd Emancipation Day Dinner, August 9, 2014, Andre Kamperveen Hall, Centre of Excellence, Tunapuna Trinidad & Tobago. Professor Shepherd also delivered the same address in Tobago on August 10, 2014. (48 pages)

• “From Montego Bay to Morant Bay: Making the Case for Reparatory Justice”. Manchester Emancipation Lecture, July 27, 2105. (22 pages)

PUBLICATIONS

Refereed Articles & Book Chapters:


INCOME GENERATION

1. MSc Self Financing Programme – JM$975,000
2. MOU to be finalized shortly for EKACDM project which will result in a sum of CAD$35,000

PUBLIC SERVICE

Dalea Bean

– Peer Reviewer: Caribbean Quarterly
– Research Volunteer: 51% Coalition
– Appointed to the editorial board of the journal, *Identity Papers: A Journal of British and Irish Studies*

**Shakira Maxwell**
– Member, Development Alternatives with Women For a New Era (DAWN) Caribbean. Kingston
– Member, Jamaica Women’s Political Caucus
– Member, DAWN Caribbean. Kingston, Jamaica.

**Natasha Mortley**
– Advisor to the OECS/IOM Concept Note to IOM for funding for Programme of Research on Engaging Diaspora
– Member, Global Development Network
– Member, Jamaica Diaspora Connect

**Verene Shepherd**
– Member of the United Nations Committee for the Elimination of Racial Discrimination (which implements the ICERD)
– Vice-chair of the CARICOM Reparation Commission.
– Member, United Nation’s Working Group of Experts on People of African Descent (WGPAD)
– Member, Jamaica Chapter, International Women’s Forum
– Chair, National Commission on Reparation (Jamaica)
– Host of “Talking History” on Nationwide 90FM
– Advisory Board ITER (MICO University)
– Advisory Board, Police Training College (Jamaica)
The 2014–2015 academic year was a pivotal year for ICENS, after 31 years of operation of the SLOWPOKE-II research reactor the US Department of Energy agreed to convert the core reactor from Highly Enriched Uranium (HEU) to Low enriched Uranium (LEU). The 17th of July, 2015 marked the last day of operation of the SLOWPOKE-II reactor with HEU fuel. The new fuel will arrive in Jamaica in September, with installation to be completed by mid-October. The removal of HEU (weapons grade material) from civilian use is in line with Jamaica’s firm commitment to the three pillars of the Non-Proliferation Treaty: Nuclear disarmament, nuclear non-proliferation and peaceful uses of nuclear technology. The removal is also in line with the growing international consensus to eliminate civil uses of HEU. The project will be fully funded by the US Government at cost of over 6 million US dollars.
WORK OF THE DEPARTMENT

Although fifty percent of the scientific staff were seconded to the core conversion project our primary scientific programmes continued to operate.

Using geochemical data for two main purposes: 1) to trace environmental transfer of trace elements from soils to people; and 2) to explore for minerals.

ICENS research continued to focus on the abundances and transfers of inorganic trace elements (in the chain bedrock ▶ soil ▶ food ▶ humans). Over 50 elements were routinely determined, using NAA, EDXRF, TXRF, ICP-OES, AAS and ion chromatography, the technique used depending on the type of sample medium analysed.

Two key items of ICENS laboratory equipment, the outdated graphite furnace-atomic absorption spectroscope and flame atomic absorption spectroscope (GF-AAS), were replaced and commissioned. The new thermoluminescence dosimetry (TLD) system donated by the IAEA was commissioned, a new and improved database for the dose reporting and archiving is being developed in-house. Continued GOJ budgetary shortfalls made it impossible to replace utility items such as field vehicles and ICENS continued to look for other sources of funding. At the invitation of the IAEA however ICENS submitted a request for a long overdue upgrade of its chemical and mineralogical laboratory equipment which will be implemented in step with the conversion of the Slowpoke research reactor core. With these upgrades and the support of the IAEA the Centre can now become a first class analytical laboratory hub able to more effectively support the work of national and regional research programmes.

Trace element speciation in soils

Geochemical research continues to focus on the speciation of trace elements such as cadmium in Jamaican agricultural soils, i.e. its distribution pathways in a particular sample or material type. Effects such as the
microstructural changes on the microbial organic matter loading capacity of clay minerals in soils (e.g. montmorillonite) and the role of ligand formation with anions were studied.

**Geochemical analysis of foodstuffs: a Jamaican national database on the chemistry of foodstuffs**

As part of ICENS’ continued efforts to provide support to Jamaica’s agricultural sector and to help secure the nation’s food safety and security, ninety-four (94) samples of cassava grown at the Ministry of Agriculture and Fisheries’ Bodles Research Station in Old Harbour were collected. These samples comprised of fourteen (14) varieties of cassava. Additionally three (3) composite samples were collected. The aim of this sampling is to use the analytical techniques available at ICENS to analyse the cassava samples for their content of beneficial elements and potential toxic elements as well. This may also lead to a determination as to what varieties potentially accumulate elements and whether this is significant enough to differentiate these varieties. Furthermore, the recent acquisition of an Ion Chromatography (IC) system should give ICENS the capability to measure the cyanide content of the cassava samples which will add another parameter to the investigation of varietal differences and the suitability of such varieties for various uses, such as pharmaceutical applications, the brewing industry and other non-traditional food applications.

ICENS continued to search for new ways to grow export-quality yams low in potentially toxic elements as a short-term venture aimed at helping Jamaican farmers to grow such produce without having to change field practice. Compilation of a Jamaican national database of food compositions continued, using the data for Jamaican farmed and processed foodstuffs with the ultimate aim of providing:

- Food composition tables setting out major and trace element contents to support nutrition and diet prescriptions and regulations as to elemental contents.
- Better understanding of how food plants and animals take up elements from soil, as a means to guide land use planning.
• Indications of the effects of elemental interactions on plant uptakes.
• Ways to ensure food quality and compliance with relevant international food standards.

The food database will be structured into sections on root vegetables, leafy vegetables, grains, fruits, seafood and processed or packaged foods and presently contains results of an estimated 1,100 analyses for up to 35 inorganic elements. It will eventually be made available for online reference by researchers through the ICENS web site.

**The chemistry of human tissues**

ICENS continues its work on the elemental content of human tissues (blood, urine and placenta samples) building up background information on the trace element concentrations in human tissue in order to allow comparisons between healthy and diseased persons, using Total Reflection X-ray Fluorescence analysis (TXRF) on blood samples collected from blood donors.

**Trace elements in Marijuana**

In collaboration with the Department of Basic Medical Sciences’ Masters of Science Degree in Forensics, ICENS has analysed several sub-species of marijuana samples and associated soils in two cohorts of the programme. In the first investigation instrumental neutron activation analysis (INAA) was used to analyse both prepared leaf samples and the soils there were grown in and to use the trace element content of both to determine the provenance of the marijuana samples. As a proof of concept this proved to be successful and resulted in the completion of a thesis as a requirement of the degree. The second investigation involved the whole plant analysis of marijuana samples. Plants were separated into leaf, stem and bud compartments and analyzed to determine if particular trace elements accumulated preferentially in the varying plant tissue. This work also contributed to the successfully completion of the required M.Sc. thesis. This work has led to ICENS being invited to be a part of the quality testing infrastructure for the regulatory framework for medical marijuana...
chaired and housed by the Bureau of Standards Jamaica. ICENS will be involved in the testing of soils for marijuana cultivation, particularly for heavy metals.

**DATA SHARING**

Data sharing has been a priority activity of ICENS since 1984 because ready access to existing information held by most Jamaican S&T institutions continues to be hard to achieve. Acquiring samples and data is expensive and the Centre can provide the continuous and objective curation that is critical for sustaining the integrity of the important national endowment of data and information resources. The advanced indexing of the ICENS EShare data repository system allows the retrieval, re-examination and re-interpretation of georeferenced samples and data collected over 30 years ago, so that they can be analysed using new techniques if necessary in-house or by other research laboratories.

ICENS continued to add value to primary field and laboratory data by transforming them into information and knowledge products suitable for providing decision makers with GIS-based spatial visualizations and predictions based on terrain models to inform realistic options for shaping national strategies and actions. Jamaican institutions can share georeferenced digital data and information online through the ICENS EShare system: users include:

- Office of the Prime Minister (Environmental Management Division);
- Ministry of Agriculture (Rural Physical Planning Division (RPPD));
- University of the West Indies (Faculty of Pure and Applied Sciences and Department of Geography and Geology).

ICENS revised and restructured its website during the year and started construction of an online viewer system for displaying selected island-wide geochemical maps for use by any enquirer.

**NUCLEAR POWER**

The long awaited Nuclear Safety and Radiation Act passed through both
houses of Parliament in July 2015. Although the Act explicitly prohibits the building of nuclear power plant at this time (due largely to the present lack human capacity to regulate the industry), it is the first all important step to open the debate on nuclear energy. ICENS knowledge of nuclear energy will therefore continue to be relevant to analysis of the Jamaican energy situation. Nuclear power is a huge global industry supplying 16% of world electricity demand, with some countries (e.g. France) obtaining 80% of their power from low-enrichment (7% 235U) nuclear sources. While shale oil derived from fracking is becoming competitive in countries such as the United States, it is not available in Jamaica and nuclear power continues to compete with coal in price. The price gap in favour for nuclear power is likely to increase over time with regulatory pressures to reduce emissions of carbon dioxide.

Nuclear power has less environmental impact than fossil fuels and, although ‘up front’ plant and fuel costs are high, users gain long term benefit from uranium fuel that provides decades of use with no risk of short-term fluctuations in market price. As a fuel uranium is also 100,000 times more powerful than oil: 1 kg of uranium produces 400 000 kWh while 1 kg of oil produces only 4 kWh. Until recently the size and costs of nuclear power reactors made nuclear energy impractical for smaller countries but a new generation of safe, small, high efficiency reactors (10-125 MWe) that can be factory manufactured as transportable modules exists as prototypes and could be available within ten years. Their use in Jamaica deserves closer examination. In this connection ICENS takes part in local and regional IAEA initiatives to support the rational considerations of nuclear energy in the region.

**DESK STUDIES/REVIEWS**

ICENS continued to progress the documentation contract work required by the US DOE to comply with conditions for the reactor core conversion. It also drafted a country specific Integrated Nuclear Security Support Plan (INSSP) for use by the new Jamaican radiation safety oversight committee within the Bureau of Standards Jamaica (BSJ) as an integral part of discussions between the IAEA Office of Nuclear Security and
stakeholders of the Radiation Safety Authority newly projected for Jamaica.

Documents produced to date include:

- Core Conversion Safety Analysis Report
- Safety Analysis Report for the SLOWPOKE-II with LEU fuel
- HEU defueling manual
- LEU commissioning manual
- Thermal Hydraulics and Neutronics for HEU and LEU fuel
- Radioactive material packing and shipping documentation
- Licensing plan
- Quality assurance plan
- Commissioning report
- LEU fuel information docket
- Modifications to operating license
- Training Plan
- Radiation protection plan
- Emergency response plan
- Security plan
- Environmental Impact Assessment

NEW PROJECTS

Strengthening Cradle-to-Grave Control of Radioactive Sources in the Caribbean Region

The Great Caribbean region is characterized by a significant maritime trade using the sea as a highway to facilitate the movement of persons and goods among seaside countries within the region. Associated with this traffic, occurrences have been reported at borders and inland of non-regulated trade accidentally involving radioactive sources or contaminated materials which need to be properly addressed upon positive detection. For years, the IAEA has been working on strengthening the control over
radioactive sources to avoid these occurrences and to protect the public and the environment from the hazards of ionizing radiation, as well as to prevent sources from becoming orphan. Against this background, a “cradle to grave” control of radioactive sources is essential, as promoted by the Code of Conduct on the Safety and Security of Radioactive Sources. This “Cradle-to-Grave” approach includes national policies and strategies, an adequate legal and regulatory framework, as well as adequate resources and infrastructures to ensure safe and secure management of radioactive sources. This project aims to contribute to establish and/or improve a sustainable, safe, adequate and permanent “cradle-to-grave” control of radioactive sources following a harmonized approach consistent with the IAEA Basic Safety Standards (BSS) and other international best practices. This project is scheduled to start running in 2016 with a four-year lifetime and would focus on countries within the Great Caribbean.

**Upgrade of Reactor Infrastructure at the University of West Indies**
**SLOWPOKE Facility JM-1**

The infrastructure of ICENS and most of the equipment is between 15 and 30 years old. Upon completion of the core conversion ICENS will be set to continue operations for the next 30 to 40 years at an expanded level including regional partners. To facilitate this, much of the equipment and infrastructure will require upgrading. This project will have impact on the following national priorities as identified in the Jamaican Country Program Framework:

- Legislative Framework and Regulatory Infrastructure for Radiation and Nuclear Safety and Security
- Human Health
- Energy Planning
- Management of Water Resources and Environmental Protection
- Food and Agriculture
- Radiation Technology
- Human Resources Development.

This project is expected to commence in 2016 and last for four years.
Carbon biogeochemistry (carbon emissions and sequestration)

Dr Adrian Spence received a Mona Research Fellowship Grant Biogeochemical investigations of the response of regional terrestrial carbon inventories to global climate change – US$46,000.00. A bench-top environmental carbon dioxide incubation chamber which will be used to carry out experiments under elevated CO2 (13CO2) atmosphere as a prerequisite to determining the fate of increasing atmospheric CO2 concentrations. The environmental chamber will also provide us with the means to investigate the effects of global warming on the bioavailability and toxicity of risk elements soils. In addition, a density gradient gel electrophoresis (DGGE) system to assess the population dynamics of microbes (in particular the non-culturable fraction) in tropical soils in response to warming was also purchased. This is of special significance as the cycling of carbon in the environment cannot be understood without a molecular-level understanding of soil microbial biomass.

IAEA Coordinated Research Project (CRP-T33001)

ICENS received funding from the IAEA in the sum of 4,000 Euros in the first year for the submitted research proposal titled “Development of a spent fuel management plan for the Jamaican SLOWPOKE-2 Research Reactor LEU fuel” under the IAEA’s “Options and Technologies for Managing the Back End of the Research Reactor Nuclear Fuel Cycle” Coordinated Research Project (CRP-T33001). The project report at the end of the first year will be reviewed by the IAEA to determine if the contract will be renewed for another year, if requested.

ICENS Air Quality Programme

The purpose of the proposed programme is to set up an Air Quality Programme aimed at strengthening collaboration between the centre and the Ministry of Water, Land, Environment & Climate Change; improvement of research and services profile of the centre, and community engagement.
The developmental objectives for the proposed Programme include:

- To conduct AQ Monitoring and Source Apportionment Services
- Providing AQ Analytical Services to the Island and the Region
- To conduct Commissioned/Contract Research
- Training of Role Players; and
- Awareness and Capacity Building for local Communities.

**Open system architecture for Neutron Activation Analysis (OpenNAA)**

ICENS began a 4 year coordinated research programme (CRP) with the IAEA to develop a modern architectural framework specification (OpenNAA), and reference implementation for Neutron Activation Analysis (NAA). The research aims to develop a modern open system architecture for NAA, that provides the required set of functionalities, and specifies a mechanism for the various hardware/software and software/software interactions among: data acquisition systems; specialised hardware such as sample changers and sample loaders; data analysis modules that perform peak search, area determination and identification; nuclide library management; peak energy and shape calibration; efficiency calibration; quantification; data I/O for storage and retrieval; and QA/QC functions.

OpenNAA will maximise interoperability among hardware and software within the NAA application space, safeguarding these investments, and ensuring that all system components either purchased commercially or developed in-house will work together ‘out of the box’, at minimal cost.

**PUBLICATIONS**

The reallocation of staff to the SLOWPOKE-II Core Conversion ultimately affected the publication rate; however, ICENS still maintain a strong presence at international conferences.
Refereed Journal Articles


Book Chapter


PAPERS PRESENTED


- Dennis. H.T., Puig, F. Analysis of the Jamaican SLOWPOKE-2 research reactor for the conversion from HEU to LEU fuel. 35th International Meeting on Reduced Enrichment for Research and Test Reactors, Vienna, Austria, October 12–15, 2014.


• **Rose, D., Clarke, J., Spence, A.** Plant Bacterization: An Option for Climate-Smart Agriculture Co-benefiting Food Security and Climate Change Mitigation and Adaptation. ACDI/VOCA JaREEACH Climate Smart Agriculture Symposium – Positioning Jamaica’s Agricultural Sector for Climate Change Resilience, Knutsford Court Hotel, July 16, 2015.

• **Hoo Fung LA., Rattray R., Lalor GC.** Assessment of cadmium, mercury and lead concentrations in Jamaican conch, lobster, and tilapia. 10th Faculty of Science and Technology Conference, UWI, Mona, June 9–11, 2015.

• **Hoo Fung LA., Rattray R., Lalor GC.** Contribution of some herbal (bush) teas to dietary cadmium exposure in Jamaica. Third International Conference on Cocoa, Coffee and Tea (CoCoTea), University of Aveiro, Portugal, June 22–24, 2015.

• **Antoine JMR., Hoo Fung LA., Grant C.N.** Elemental composition of Jamaican coffees. Third International Conference on Cocoa, Coffee and Tea (CoCoTea), University of Aveiro, Portugal, June 22–24, 2015.
INCOME GENERATION

ICENS received grants in excess of U$ 500,000 for the 2014/15 from the USDoe to facilitate the core conversion process.

PUBLIC SERVICE

Mr Johann Antoine
– Chairman of the National Mirror Committee on ISO Standard TC 93, technical committee on starch (bi-products and derivatives)
– Member, Codex committee on Methods of Analysis and Sampling

Mr 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).

Ms Leslie Hoo Fung
– Chairperson, National Food Standards Committee (ISO TC34 Mirror Committee), Jamaica Bureau of Standards.
– Member, Royal Society of Chemistry, London
– Member, Codex Committee on Methods of Analysis and Sampling.
Ms Sandra Hunter  
– Fellow of Institute of Chartered Accountants of Jamaica.

Mr. John Preston  
– Member, Land Information Council of Jamaica;  
– Independent Member, GOJ Telecommunications Appeals Tribunal.

Dr Adrian Spence  
– Associate Member, Royal Society of Chemistry  
– Member, American Chemical Society  
– Member, American society of Mass Spectroscopy  
– Member, United Way Jamaica  
– Director, Archer Daniels Midland Jamaica Flour Mills Foundation

Ms Tracey-Ann Warner  
OVERVIEW

This was an outstanding year for the Institute as it continued to host a wide range of events, including a challenging annual conference held offshore in St Lucia, in honour of the hundredth anniversary of the birth of Nobel Laureate Sir Arthur Lewis, after whom SALISES is named. Among the main activities were:


3. The 9th staging of the SALISES, Caribbean Child Development Conference was held November 5–6th, 2014 at Jamaica Conference Centre, under the theme ‘Promoting the Rights of Children with Disabilities’.

4. The aforementioned SALISES annual conference celebrated as the W. Arthur Lewis Centennial Conference, January 14–16, 2015 in Castries St. Lucia, under the theme ‘Towards Caribbean Prosperity & Happiness in an Equitable & Sustainable World’

5. A Global Forum to mark the 100th anniversary of the birth of Lewis with a ten site teleconference on January 23, 2015, with SALISES as the local site host. The forum was used to recognize Lewis’ work and its continued relevance.


7. A joint panel presentation with the UWI Museum on Lewis entitled ‘Relevant as Ever in his Centenary Year: Illustrations from Caribbean Research’ on April 1, 2015.

8. The SALISES Political Economy and Public Policy Cluster (PEPP) in association with Florida International University’s Latin American and Caribbean Centre held a one day planning meeting of experts on April 1, 2015. The meeting was used to organize and plan for the implementation of a project of strategic collaboration focusing on economic growth, equity and stability in the English speaking Caribbean. Attendees included persons from the Central Bank of Suriname, Caribbean Congress of Labour, University of Guyana and CARICOM.

STAFF MOVEMENTS

Professor Mark Figueroa, joined SALISES in August 2014 as Professorial Fellow. Professor Brian Meeks who has served as SALISES Mona Director since 2009 and Regional Director since 2013, retired from both posts and from the University of the West Indies. Miss Helen Fox, Data Bank Manager also retired from SALISES this year. Dr Pat Northover returned
at the end of the year from Duke University where she had been resident as a Mellon Fellow from January 2015 and is starting her sabbatical for 2015–2016. Professor Patsy Lewis proceeded on Fellowship leave where she will be a Visiting Scholar at Brown University.

**STUDENT MATTERS:**

**Graduating Class of 2014/2015**

The academic year 2014–2015 ended with eleven (11) students being awarded the MSc degrees. The breakdown was as follows:

**Table 1. MSc Graduating Class 2014/2015 by Programme and Gender**

<table>
<thead>
<tr>
<th>Programme</th>
<th>Governance and Public Policy</th>
<th>Development Policy</th>
<th>Social Policy</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Students by programme</td>
<td>0 (M= 0; F= 0)</td>
<td>10 (M= 1; F=9)</td>
<td>1 (M=1; F= 1)</td>
<td>11 (M=2; F=9)</td>
</tr>
<tr>
<td>Full-Time</td>
<td>0 (M=0; F=1)</td>
<td>1 (M=0; F=1)</td>
<td>0</td>
<td>1 (M=0; F= 1)</td>
</tr>
<tr>
<td>Part-Time</td>
<td>10 (M=1; F=8)</td>
<td>9 (M=0; F=8)</td>
<td>1 (M= 0; F=1)</td>
<td>10 (M=1; F=9)</td>
</tr>
</tbody>
</table>

In summary:

MSc. Governance and Public Policy: 0
MSc. Development Studies: 10
MSc. Social Policy: 1
MSc. Economic Development Policy: 0

**PhD 2014–2015**

One (1) student was awarded the PhD degree in Economic Development Policy during the academic year.

PhD – Economic Development Policy – Wing Tsang
**MSc Students (2015/2016)**

Eleven (11) students accepted the offer and registered for the 2015/2016 academic year, with three (3) being part-time students and eight (8) being full-time students. The breakdown was as follows:

**Table 2.** Registration for New MSc Students (August-September): 2015/2016 by Programme and Gender

<table>
<thead>
<tr>
<th>No. of Students by Programme</th>
<th>MSc. Development Studies</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>(M=1; F=10)</td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>Full/Time</td>
<td>(M=0; F=8)</td>
<td>8</td>
</tr>
<tr>
<td>Part/Time</td>
<td>(M=1; F=2)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Returning MSc Cohort 2014/2015**

**Table 3.** Registration for Returning MSc Students 2014/2015 by programme and gender

<table>
<thead>
<tr>
<th>No. of Students by programme</th>
<th>Governance and Public Policy</th>
<th>Economic Development Policy</th>
<th>Social Policy Development</th>
<th>Development Studies</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>(M= 0; F= 0)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Full-Time</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Part-Time</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>9</td>
<td>9</td>
</tr>
</tbody>
</table>
A total of twenty one (21) returning MPhil/PhD students were registered for the academic year 2014/2015. The breakdown was as follows:

Table 4. Returning Cohorts – MPhil/PhD Registrations, 2014/2015 programme and gender

<table>
<thead>
<tr>
<th>No. of Students by programme</th>
<th>Governance and Public Policy (M= 2; F= 5)</th>
<th>Economic Development Policy (M= 4; F=2)</th>
<th>Social Policy Development (M=0; F= 8)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-Time</td>
<td>7</td>
<td>6</td>
<td>8</td>
<td>21</td>
</tr>
<tr>
<td>Part-Time</td>
<td>4</td>
<td>6</td>
<td>8</td>
<td>18</td>
</tr>
</tbody>
</table>

RESEARCH PAPER (SALI 6060) FOR 2014

One (1) student wrote the Research Paper (SALI 6060) for 2014/2015. The breakdown is as follows:

Governance and Public Policy: 0
Economic Development Policy: 0
Social Policy: 1
Development Studies: 0

Table 5. Net Income from SALISES Degree Programmes, 2014/2015

<table>
<thead>
<tr>
<th>Net Income</th>
<th>J$</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSc, MPhil, PhD</td>
<td>11,950,403.86 (July, 2015)</td>
</tr>
</tbody>
</table>
DOCUMENTATION CENTRE

Thelma White, Librarian

The Documentation Centre continued to cater to the staff and students of SALISES as well as members of the wider UWI community through its offerings of library and information services. Staff and graduate students were able to enjoy the facilities and services which included reference service, photocopying, interlibrary loans, and access to databases. External users, both local and international, including visiting researchers, alumni, local and overseas graduate students, have also utilized the services.

The year has been eventful with a few changes made to its infrastructure. A substantial weeding and reorganisation of the stacks was conducted to accommodate several donations of books and documents from outgoing members of staff including the Director. A corner in the reading area of the library was redone to improve the appearance and become more comfortable. The back of the wall was painted; and a re-upholstered chair and a wall painting were installed.

The Doc Centre continued its work on adding its collections to the ALEPH integrating system which was installed by Main Library. All the collections in the main reading area except books donated by research fellows for their students have been processed and added. Concentration will now be on books that were donated to the Doc Centre throughout the year.

Other highlights of the activities during the year included:

- The Doc Centre was renamed to Norman Girvan Documentation Centre. A new signage was mounted at the entrance and the old one removed.
- Periodic displays mounted throughout the period with two notable ones being
  - Posters to commemorate the 100th anniversary of the birth of Sir Arthur Lewis in St. Lucia
– SALISES Seminar “1938 and Beyond: Exploring the Roots and Legacies of Modern Jamaica”

• The SALISES was represented at the Mona Research Days held February 9–11, 2015 through the mounting of a display depicting the functions and activities of SALISES. The activity was coordinated by the Documentation Centre and Data Bank staff. Areas of focus at the booth were some 50/50 seminars, graduate work, the MSc programme, posters on Sir Arthur Lewis, the Annual Child Research conference, as well as a display of publications done by SALISES fellows and other members of staff.

• The Doc Centre was slated to become the repository for articles for UWIHARP. These articles relate to HIV/AIDS in the Caribbean. Training was held for staff on using the database and adding articles to the database.

• The collections received a substantial boost with the donations of books and other materials from professors Brian Meeks and Patsy Lewis and Dr Michael Witter.

PUBLICATIONS SECTION

Annie Paul, Senior Publications Officer


<table>
<thead>
<tr>
<th></th>
<th>US$</th>
<th>JA$</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES Subs</td>
<td>9,716.00</td>
<td></td>
</tr>
<tr>
<td>SES royalties</td>
<td>8,818.44</td>
<td></td>
</tr>
<tr>
<td>JAMCOPY royalties</td>
<td></td>
<td>251,507.89</td>
</tr>
<tr>
<td>Walk-in sales (SES)</td>
<td>370.00</td>
<td>39,000.00</td>
</tr>
<tr>
<td>Walk-in sales (Special Books)</td>
<td>43,038</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>US$18,904.44</td>
<td>JA$333,545.89</td>
</tr>
</tbody>
</table>
SOCIAL AND ECONOMIC STUDIES (SES)

Off press:

- Volume 63: Nos. 2 & 3. Special issue guest edited by Terry Ann Gilbert on Youth
- Volume 64: 2, June 2015 General issue

DEREK GORDON DATA BANK

Helen Fox, Data Bank Manager and Richard Leach, Information Technology Officer

Members of the SALISES staff would like to thank Miss Helen Kristin Fox for her exceptional services rendered to the Derek Gordon Databank, since its inception in 1994. We wish you all the best on your Retirement and may the Heavenly Father continue to bless you and your family.

A. Data Acquisition.

During the year, the Databank added the Jamaica Census 2011, the SLC 2012 and datasets from the National Council on Drug Abuse (NCDA) to its collection.

B. Data documentation

During the 2014/15 period, the Data Bank started to use an updated version of the cataloguing tool, NADA, for online documentation of all data sets. NADA is a free web-based cataloguing system that serves as a portal for researchers to browse, search, compare, apply for access, and download relevant census or survey information. Most of the data sets documented under the old Nesstar Publisher / CD Rom Builder Microdata Management Toolkit were converted to NADA. These can be viewed on the Derek Gordon Data Bank webpage (http://www.uwi.edu/salises/databank.php).
C. Software

Designed and maintained websites for:

Web page maintenance:
1. SALISES website
2. SALISES 16th Annual Conference (The W Arthur Lewis Centennial)
3. Conference on “Beyond Westminster in the Caribbean: Critiques, Challenges and Reform”
4. SALISES blog
5. SALISES Facebook
6. Caribbean Child Research Conference Facebook
7. SALISES YouTube Channel

D. ICT Infrastructure development

- Supervised Audio-Visual installation in Seminar Room
  - Managed the vendor selection process
  - Provided technical advice and support for the acquisition of project equipment and technology
  - Coordinated technology installation and commissioning

E. Hardware

- Procurement of new Desktops and Laptops
- Computer repair and maintenance
- Provided first line maintenance for SALISES PolyCom Video-conferencing system
F. Technical Support to Researchers and Students

- Provided technical advice to postgraduate students
- Prepared tabulations, charts, etc. for teaching and research purposes
- Prepared datasets for students and other researchers
- Supervised 2 MSc and 1 MPhil/PhD students (Miss Fox).
- Provided technical assistance to staff members

G. Seminars and conferences

1. Preparation, including creating, formatting and printing, of all documentation (programme, posters, labels, nametags, nameplates etc.) for seminars and conferences e.g. Caribbean Child Research Conference, SALISES 16th Annual Conference, Beyond Westminster in the Caribbean Conference
2. Managed the IT services for all seminars and conferences held during the year
3. Managed Health group for 50-50 conference
4. Provided management support at conferences

H. Income Generation

The Data Bank was able to generate a total of three hundred and fifteen thousand five hundred and nine dollars ($315,509) during the 2014/15 academic year from printing services rendered to students and rental of the computer lab. Table 1 below shows the breakdown of income generated by the Derek Gordon Data Bank.

Table 1: Breakdown of income generated by the Data Bank

<table>
<thead>
<tr>
<th>Income Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printing (August to December, 2014)</td>
<td>$35,849.00</td>
</tr>
<tr>
<td>Printing (January to April, 2015)</td>
<td>24,160.00</td>
</tr>
<tr>
<td>Printing (May to July, 2015)</td>
<td>26,500.00</td>
</tr>
<tr>
<td>Computer Lab Rental*</td>
<td>$229,000.00</td>
</tr>
<tr>
<td>Total</td>
<td>$315,509.00</td>
</tr>
</tbody>
</table>

*Cost includes usage of lunch room
PAPERS PRESENTED AT CONFERENCES/ GUEST LECTURES

Figueroa, Mark

- “What Do We Now Know about Lewis and What Is There Left to Explore?” Closing Plenary at the 16th Annual SALISES Conference, Celebrated as The W Arthur Lewis Centennial, St Lucia, January 14–16. 35 slides, 2015.


Gilbert-Roberts, Terri-Ann


• “Regionalism and Global Governance: The role of CARICOM and CELAC in Development Agenda-Setting Beyond 2015”, paper presented to the International Studies Association (ISA) Annual Convention, under the theme: “Global IR and Regional Worlds: A New Agenda for International Studies”, 18th–21st February 2015, New Orleans, USA

Henry-Lee, Aldrie


• Poverty, Social Protection and Child Disability in Jamaica. Paper

- I also have an opinion too and I have a right to express my opinion. Guest Speaker at the Child Development Agency 10th Anniversary Poster Competition, February 5, 2015, 10 am. Tom Redcam Library, Kingston, Jamaica, 2015.

- Endangered Childhood: A risk to all. Guest Speaker at the Rotary Club of Portmore Installation, July 11, 2015.

Meeks, Brian

- Beyond the End of Sovereignty: Recapturing Space for Humanity in the Caribbean”, Ninth Annual Dame Eugenia Charles Memorial Lecture, Roseau, Dominica, November 27.

- “Beyond the End of Sovereignty: Difficult Choices for the Caribbean”, Invited lecture, Department of Africana Studies, Brown University, November 10.

- Conference Organizer (with Kate Quinn, UCL), “Beyond Westminster in the Caribbean: Critiques, Challenges and Reform”, UWI Regional Headquarters, Mona, September 11–12.


Northover, Patricia


Race and Rurality in the Global Economy, Duke University, African and African American Studies, March 26th–28th, 2015, Durham, USA.


Tindigarukayo, Jimmy

• Impact of Migration to North America on Caribbean Countries, presented at the annual conference of the Canadian Association for the Study of International Development, University of Ottawa, June 3, 2015.

• Occupation Safety and Health (OSH) within Enterprises in Kingston, Jamaica, presented at the 16th Annual Conference of the Sir Arthur Lewis Institute of Social and Economic Studies (SALISES), Rodney Bay, St Lucia, January 14–6, 2015

PUBLICATIONS

Books

Meeks, Brian

• Critical Interventions in Caribbean Politics and Theory, The University Press of Mississippi, Jackson, December 2014 (260 pages)
Refereed Journal Articles

Gilbert-Roberts, Terri-Ann


Henry-Lee, Aldrie


Meeks, Brian


Refereed Book Chapters

Gilbert-Roberts, Terri-Ann

- “Caricom Cincuenta-Cincuenta: Renovar el liderazgo ideacional a través de asociaciones entre jóvenes y adultos”. In Laguardia-Martínez, Jacqueline. El Caribe, sus islas y el difícil camino de independencia, identidad e integración. La Habana: Ruth Casa Editorial, (pp. 59–77), 2014.

Lewis, Patsy

- ¿Adónde va la integración caribeña? Refundiendo los cimientos de un nuevo proyecto de integración, in El Caribe: independencia, identidad e integración Coordinado por: Jacqueline Laguardia Martínez Editorial Ciencias Sociales, La Habana. 2015
- Jessica Byron and Patsy Lewis, January 2015, ‘Sovereignty/

Meeks, Brian

Non-Refereed Articles

Figueroa, Mark

Work in Progress/Forthcoming

Henry-Lee, Aldrie
- (Editor), Pathways to Action: Social Policy in the Caribbean. Ian Randle Publishers, Kingston, Jamaica (Edited book)

Lewis, Patsy
- Patsy Lewis, Gary Williams, Peter Clegg, Grenada: Revolution and Invasion. UWI Press.
Meeks, Brian


Northover, Patricia

• Northover, P and Crichlow M. “Notes on the journey towards the future: Negritude, Abject Blackness and the Emancipatory force of Spectrality.” For the *South Atlantic Quarterly Journal*.


• From Process to History: Black Holes, the Will to Improve and the Limits of Lewis’ *Theory of Economic Growth. For Explaining Economic Growth*, 2014.

• Northover, P and Michaeline Crichlow, “‘Land Grabs’ and the Politics of Space, Place and Race– Mapping the effect of ‘sweetness and power’ in Africa.” *For Race and Rurality in the Global Economy*.

On-going Work

• Explaining Economic Growth – single authored text

• Race and Rurality in the Global Economy, edited collection with Michaeline Crichlow, (Duke University).

• Raising Cane: Recycling Sweetness and Power in the Jamaican Postcolony – single authored text

RESEARCH ACTIVITY/RESEARCH GRANT

AWARDS & SCHOLARSHIPS

Northover, Patricia

- Most Outstanding Researcher University of West Indies, Faculty of Social Sciences, 2014
- Best Publication Award; University of West Indies, Faculty of Social Sciences (Global South, 2012, 6 (1): 66-86.) 2014
- Research Project with Greatest Multidisciplinary/Cross Faculty collaboration; University of West Indies, Faculty of Social Sciences). Gender and Youth Assessment: Jamaica REEACH Project, 2014

UNIVERSITY SERVICE

Figueroa, Mark

- Played a lead role in the organization of activities to mark the centenary of the birth of W Arthur Lewis
- Co-Chair, SALISES W. Arthur Lewis Centennial conference in St Lucia
- Assisted in the planning of the joint UWI Museum/SALISES forum to launch W Arthur Lewis exhibition
- Served as Chair of the multisite video conference Global Forum to mark the 100th Anniversary of the birth of W Arthur Lewis sponsored by UNESCO on the initiative of the St Lucian Government, with participants from UNESCO Headquarters and the Jamaica Office, Caribbean Development Bank, Central Bank of the Eastern Caribbean, and the Universities of Guyana and Manchester, as well as Princeton, UWI Mona, and UWI Open Campus St. Lucia; the latter which involved a range of participants including representatives from state and governmental organizations.
- Assisted UWI Museum in collecting material from children who grew up at Mona, and their families which included a taped session held in July involving more than ten such persons with others pledging to participate in the venture.
– Served on the Faculty of Social Sciences Research Day Awards Committee
– Presented at the annual UWI Long Service Awards Ceremony on behalf of those honoured.

**Fox, Kristin**
– Member of Faculty of Social Sciences ICT Steering Committee
– Member of Steering Committee – Caribbean Youth Development Conference
– Member – Ethics Committee

**Gilbert-Roberts, Terri-Ann**
– Member, Faculty of Social Sciences Teaching and Learning Committee

**Henry-Lee, Aldrie**
– FSS Associate Dean for Undergraduate Studies (Teaching and Learning)
– Coordinator, MSc Programme, SALISES
– Chair, Social Policy Cluster SALISES 50/50 Project
– Member of the Mona Campus AQAC Committee

**Lewis, Patsy**
– Coordinator, MPhil/PhD programme 2012–2015
– Chair, SALISES MPhil/PhD review committee 2014–015
– Chair, SALISES Regional Integration Research Cluster 2010–
– Chair, SALISES Grenada research cluster 2010–
– Member of FSS Graduate Sub-Committee. 2012–2015

**Meeks, Brian**
– Member of UWI Mona Appointments Committee (2007–June 2015)
Newman, Nadine
- Library Liaison with UWI Bookshop
- Member, SALISES Integration Conference Committee
- Mentor, UWI Mentorship Programme
- SALISES Safety Coordinator/OSHE Representative
- Chair, SALISES Projects Committee

Northover, Patricia
- SALISES Research Committee
- Chair, Sustainable Rural and Agricultural Development Cluster
- Member of Faculty of Social Science Graduate Sub-committee; Chair David Tennant.
- Member of Strategic Transformation Group – Research and Innovation, Chair, Arlene Bailey.
- Co-chair, Sustainable Investment, Environment and Development Group, chaired with Dr Barbara Carby, Director Disaster Risk Reduction Center, Institute for Sustainable Development

Paul, Annie
- Reviewed the following manuscript for UWI Press. “The Terror and the Time: Banal Violence and Trauma in Caribbean Literary & Popular Narratives” 2013
- Board member, MSBM Business Review

White, Thelma
- UWI Facilitator – First Year Students’ Experience

PUBLIC AND PROFESSIONAL SERVICE

Fox, Kristin
- Member of Steering Committee – Jamaica Survey of Living Conditions
- Member – Early Childhood Commission Research committee
Gilbert-Roberts, Terri-Ann
- Member, CARICOM Technical Working Group on Youth Development

Henry-Lee, Aldrie
- Board Member, Child Development Agency (CDA)
- Member of the Planning Institute of Jamaica’s Inter-sectoral Committee for the development of the National Policy on Poverty and National Poverty Reduction Programme
- Chair, Caribbean Child Research Conference 2014
- Trainer session on “Chairing a meeting/conference session” of the members of the Children CDA Advisory’s Board in preparation for the National Children’s Summit, August 25, 2015.

Lewis, Patsy
- Member of the University Hospital Board of Management
- Member of the following sub-committees of the University Hospital of the West Indies Board of Management:
  - Member UHWI Strategic Planning Committee
  - Human Special Resources Advisory Committee
  - Nursing Advisory Committee
- Member of the Board of Trustees, University Hospital of the West Indies Superannuation Scheme
- Member, American International School of Kingston (AISK) Endowment Fund Scholarship Committee
- Member, Advisory Committee to the Jamaica Trade Board
- Member, Executive, Jamaica Cambridge Society
Meeks, Brian
– Member, Board of Directors, Planning Institute of Jamaica (PIOJ)

Newman, Nadine
– Member, Library and Information Association of Jamaica (LIAJA)
– Member, Research and Publications Working Party, LIAJA
– Member, Socio-Economic Information Network (SECIN)
– Member, American Library Association (ALA)
– Member, Association of College and Research Libraries (ACRL)
– Member, Association of Caribbean Higher Education Administrators (ACHEA)
– Assistant Secretary, Chancery Hall Citizen Association

Northover, Patricia
– Excelsior High School Student welfare/Chair of the LHS scholarship fund

Paul, Annie
– Co-chair of the programme committee for JAMCOPY’s @OnlineMind Digital Publishing conference to be held in Kingston from November 2–5, 2015.
– Served on the founding committee of the Lignum Vitae writing awards and the Cultural Fund sub-committee of JAMCOPY

Tindigarukayo, Jimmy
– Member of the Committee on Data Sharing and Pricing Policy, Public Sector Reform Unit, Cabinet Office, Government of Jamaica.
– Member of the National Housing Policy and Implementation Plan Technical Review Committee, Ministry of Transport, Works and Housing.
White, Thelma
– Chair, Advocacy, Library and Information Organization (LIAJA)
– Sunday School Superintendent, Braeton New Testament Church
WORK OF THE CENTRE

In the period, August 1st 2014–July 31st, 2015, the activities of the Centre focused on research training, and teaching, and were augmented with rendering of bioservices to the wider community, greater pre-commercialization activities for research products, and improved publicity through orchestrated participatory outreach/collaboration.

RESEARCH

The main areas of research in the year involved:

• Agro-based studies including medicinal plants, yams, moringa, forestry preservation, molecular virology, as well as study of begomoviruses and other viruses associated with citrus, potato, cucurbits and other crops.

Professor Helen Asemota, BSc, Univ. of Benin, Nigeria, MSc, Ahmadu Bello University, Nigeria, PhD, Univ. of Benin/Frankfurt, Germany

Director
• Biomedical research focused on investigations of the glycemic indices of Jamaican foods including root and tuber crops and analyses of mechanism of action of supplements or secondary metabolites in animal model of diseases such as diabetes, hypercholesterolemia in collaboration with the Basic Medical Sciences Department and the Scientific Research Council (SRC).

• Drug Abuse research was also pursued in collaboration with experts from the Psychiatry and Community Health Department, and Maryland, USA.

• Biomagnetic Therapy and associated metabolic effects in disease states in collaboration with the Department of Basic Medical Sciences and Physics and a physicist in North Carolina

TEACHING

The academic members of the Centre (Professor Asemota, Dr. Roye, Professor Tennant, and Dr. Mitchell) were involved in teaching at both undergraduate and postgraduate levels either within the Department of Basic Medical Sciences, FMS, or the Department of Life Sciences, FST, or FST main courses. The courses taught in the Department of Basic Medical Sciences by staff included: Biotechnology I, Biotechnology II, Molecular Biology I, Molecular Biology II, Introduction to Microbiology and Molecular Biology, Food Microbiology and Biotechnology, Plant Biotechnology, Biochemistry for Physical Therapy Students, Biochemistry Laboratory Research Project, and Plant Biochemistry & Physiology, along with their associated lab classes. In the Department of Life Sciences, staff taught in Molecular Biology & Genetics, Principles of Plant Biotechnology, Virology, and Plant Biotechnology, and in “Standards and Risk Management in Agricultural Production Systems”, one of the courses in the MSc in Agricultural Entrepreneurship Programme in the Faculty of Science and Technology. The main FST courses taught are Science Medicine and Technology, Principles of Plant Biotechnology and Research Skills and Practices in Biology. This was done in addition to the training and supervision of postgraduate students of the Centre.
New Graduate Programme:

Approval was received for the M Sc in Biotechnology programme in July 2015, for starting at Mona Campus in September 2015. The Biotechnology Centre collaborated with St. Augustine in developing this new programme.

BIOSERVICES

The Centre renders bioservices to the National Environment and Planning Agency (NEPA), under an MOU agreement. During the period under review, this earned the Centre the sum of one hundred and sixty nine thousand dollars (J$169,000.00).

FOREIGN VISITS

Dr. Marcia Roye visited the University of Toronto, Mississauga to work with Dr. David McMillen, Department of Chemical and Physical Sciences, using yeasts to develop cheaper blood tests. Typically blood tests for the detection of different diseases are very expensive. The technology development on which both are collaborating would reduce the associated costs of blood tests significantly. Dr. Roye also made a seminar presentation entitled “Virus Evolution: HIV Drug Resistance and Geminivirus Research in Jamaica” to an audience of about fifty academic staff and postgraduates.

The Director of the Centre, Professor Asemota, participated as one of the University of the West Indies’ Representatives to Cartagena, Colombia, for the period September 1–5, 2014 under the second phase of the SUE-CARIBE Joint Research Project Programme. The areas of research for which she was responsible, along with her Colombian counterpart, the Director of the Biotechnology Centre of the University of Cordoba, Prof. Isidro Suarez, included: Genetic characterization of yam germplasm in Colombia and the Caribbean (Jamaica and Trinidad); Characterization of yam cultivars for phytoesterol content; Yam Gene Bank for food security; Value-added yam products development. Professors Asemota and Suarez made a joint presentation on the Application of Biotechnology
for Tuber crops improvement and byproducts development. Before the Conference ended, Professor Asemota was asked to give a talk on ways of maintaining high publication rate in academia. This was well received and appreciated by the audience.

COLLABORATION

The Centre collaborates internally with various Departments in the FMS and FST for Research and Teaching, especially the Departments of Basic Medical Sciences, Psychiatry and Community Health, Chemistry, Life Sciences, and Physics. The Centre remains grateful to the host of Experts/Professors/Lecturers in the FMS and FST, neighboring universities/research institutions and foreign institutions who render help as supervisors/co-supervisors/advisors for our postgraduate students.

Through collaboration with the Yucatan Center for Scientific Research (CICY), Mexico, the Centre hosted the Visit of Dr. Carlos Borroto in collaboration with the IICA, Jamaica. The follow up is that 2 UWI staff members were invited to participate in the In Vitro Clonal Propagation of Tropical Plants Training Programme offered by the CICY in collaboration with Faculty of Food and Agriculture, UWI St Augustine, Trinidad and Tobago, where the training programme was hosted from June 15–26, 2015. Dr. Sylvia Mitchell received further training in in vitro technologies with a certificate of achievement at the end of the programme.

Our current list of international and local collaborators include: Morehouse School of Medicine, USA; School of Pharmacy, Roosevelt University, USA; SUNY Binghamton, USA; Timeless Herbal, Canada; University of Toronto, Mississauga, Canada; Albany State University, USA; University of Salento, Italy; Cordoba University, Colombia; Redeemers University, Nigeria; Trees that Feed Foundation, Illinois, USA; University of California, Davis (UC-Davis); Bamboo Project, Government of Jamaica; Bureau of Standards, Jamaica; JAMPRO; The National Environment and Planning Agency (NEPA); OAS; The 4H Club, Jamaica; Agro-Systems Consultants, Jamaica; Grace Kennedy Limited; National
Approval was received through the Office of the Principal for the commencement of the Yam Products Precommercialization (Pilot) Project which commenced August 1, 2014, at the Biotechnology Centre. The objectives are to determine operational costs, and effect scale up of production of the developed Biotech Yam Value-added Products as well as modified yam starch for use in pharmaceutical formulations. The project’s PI is Professor Helen Asemota while Dr. Alexia Harvey, was employed as the Research Fellow, effective August 1, 2014. On Monday December 1, 2014, Mr. Jordan Freeman joined the staff of the Biotechnology Centre in the capacity of Research Assistant on the Pre-commercialization project. The Centre collaborated with the UWI-Hosang Group and the Mona School of Business and Management (MSBM) to prepare interested students of the Yam Biotechnology Research Group for the prestigious Victor Hosang Venture Competition, using their Yam and Moringa value-added research products. The two groups that entered the competition and the student members are:

1. ‘Yamaica’: Kenroy Wallace, Keaton Logan, Channalee Wilson and Melissa Williams
2. ‘NutraFarms Ja’: Racquel Wright, Nikashae Scott, Danielle Stephenson, Carlton Barrows and Lowen Williams

The finals were held on Friday, the 22nd of November 2014 where Group ‘Yamaica” won two hundred and fifty thousand dollars ($250,000) and was placed third in the competition with yam spread products. The participation of the students was coordinated through the Centre’s Yam Products Pre-commercialization Project’s Research Fellow, Dr. Alexia Harvey with the support of the Principal Investigator, Professor Helen Asemota. Dr. Chadwick Anderson of the FST Dean’s Office and MORI
also assisted the groups to prepare for the competition.

**Breadfruit Project**

Trees that Feed Foundation, USA, continued to support research into tissue culture propagation of breadfruit trees at the Biotechnology Centre. The second sum of USD3,000.00 (Three thousand US dollars) was made available to the Biotechnology Centre for the period September 1, 2014 to August 31st, 2015. The PI of the Breadfruit project is Dr. Sylvia Mitchell.

**BIOTECHNOLOGY CENTRE NEWSLETTERS**

The *Biotechnology Centre Newsletters* was started and two series were released during the period under review. The first, Series #01, was released in December 2014, while Series #02, in March 2015. The Newsletter features, the research and outreach activities of staff and students, and interns at the Centre.

**OUTREACH**

The Centre was involved in a number of outreach programmes and events throughout the year.

**UWI Research Day 2015**

During Research Day 2015 (February 9–11, 2015), the Biotechnology Centre displayed various finished products at the Centre’s booth. Dr. Sylvia Mitchell demonstrated Plant Tissue Culture techniques to visitors and also gave a demonstration entitled “A piece of plant to feed the nation.” Dr. Melaine Randle gave a tour of the Centre to a number of students from different High Schools, including the Annotto Bay High School, and coordinated a demonstration entitled “DNA isolation made simple”. Ms. Lamar Thomas demonstrated fungi isolation from various types of foods to the visitors. Some of the Centre’s Yam nutraceutical products and byproducts were also displayed, and attracted many visitors.
and samplers. Among the displayed nutraceutical products popularly sampled were the Moringa bars/balls and three different yam spreads. The Yam Research Group students of Professor Asemota prepared the samples for the display, which was coordinated by Dr. Alexia Harvey, Research Fellow in the Group.

**National Nutraceutical Industry Launch by the Prime Minister of Jamaica**

The Centre, on invitation by the National Commission on Science and Technology (NCST) participated in the launching of the National Nutraceutical Industry by the Prime Minister on March 5, 2015. Dr. Sylvia Mitchell prepared a basket containing plantlets of herbal plants which was presented to the Prime Minister. The Prime Minister acknowledged among others, Professor Helen Asemota for her research work over the years and the entire University of the West Indies, Mona campus. Some of the Biotechnology Centre’s nutraceutical products, moringa bites and three different varieties of yam spreads were displayed for sampling and were acknowledged by the News Media that was present.

**World Teachers’ Day**

The Jamaica Teaching Council hosted the ‘Forum for Innovations in Teaching’ to commemorate the ‘World Teachers’ Day, Invest in the Future, Invest in Teachers’ theme, on October 10–11, 2014, at the National Arena. For the event, the Biotechnology Centre was invited to participate in the Ministry of Education’s STEM Academic display. Our presentation highlighted Tissue Culture and associated biotechnologies. Other UWI technologies like robotics and a mobile science lab were also highlighted in the booth.

**World Standards Day**

Dr. Sylvia Mitchell partook in various activities held to celebrate World Standards Day hosted by the Jamaica Bureau of Standards on October 14th, 2014. The year’s theme was ‘Standards level the playing field’. Dr.
Mitchell presented the Chairman’s report of the Examiners Board at the National Quality Awards (NQA) banquet. The NQA Programme is Jamaica’s first quality systems based awards programme which seeks to recognize and reward local companies that demonstrate the application of standards and quality systems in both the production of goods and delivery of services.

**Western Outreach Programme, FST**

Dr. Alexia Harvey and Mr. Jordan Freeman represented the Biotechnology Centre at the Faculty’s Annual Undergraduate Western Outreach Programme held on January 11 and 12, 2015. Mr. Freeman interviewed with Newstalk 93FM and highlighted the Centre’s work, as well as its upcoming Biotechnology Agro Conference. The team was successful in encouraging students to consider the field of biotechnology for undergraduate studies and postgraduate research.

**Mandeville Hospital Book Launch**

On March 4, 2015, Professor Helen Asemota gave a speech at a book launch by Mandeville Hospital in Manchester which was staged by the Ministry of Health, Southern Regional Health Authority in collaboration with Integrated Medical Services. The title of the book is *Clinical Dialogues in Hospital Medicine* by Gabriel Ukala, FRCP, Edin.

**4H Club Exposition**

The Biotechnology Centre participated in the 4H Club Exposition on Friday 24th of April held on the Denbigh Agricultural grounds. The Centre displayed plants, products and posters. The Centre handed over a number of tissue culture plants (including turmeric, yams, and pineapple) to the 4H club for planting and replication at Salsbury. The Centre, through Professor Asemota and Dr. Mitchell together with the National Council on Science and Technology (NCST), Agri-Systems Consultants, and the 4H Club developed a Youth Training Programme in support of the advancement of the Nutraceutical Industry at grassroots
levels – focusing on provision of raw materials, sustainability and preservation. A funding proposal was developed spearheaded by the Centre.

NON-DEGREE SHORT TRAINING PROGRAMMES

Genetic Engineering for Science Teachers and Students Workshop

The 12th Annual workshop on “Laboratory Concepts in Genetic Engineering” for Cape and A Level Biology High School students, as well as Science Teachers from Tertiary Level Institutions in Jamaica, was held December 18–19, 2014. Dr. Marcia Roye and her Research Assistant, Ms. Cindy-Leigh Hamilton organized and coordinated the workshop. With the assistance of Laboratory Technicians from the Basic Medical Sciences Department and the Centre’s postgraduates, participants were trained to extract plasmid DNA, digest the plasmid DNA with restriction enzyme, and run gel electrophoresis. Two workshops were convened at the Faculty of Medical Sciences Complex for Research and Teaching. On the first day, Thursday the 18th of December, the Centre had eighty participants from Knox Community College, Shortwood Teachers’ College and St. Andrew High School, while on the 19th students came from Mannings High School, St. George’s College and St. Jago High School. Overall there were more than one hundred and sixty (160) participants for both days.

Bio-Skills Training Workshop for Teachers:

In March 2015, a training workshop in Plant Tissue Culture & Wine making was organized and hosted for eight (8) Teachers from the Shortwood Teachers College. The trainers were Dr. Mitchell and Prof. Asemota.

Half-Way-Tree Primary School Internship

On March 24, 2015, 10 students from the Half Way Tree Primary
School and two of their teachers visited the Centre for laboratory demonstrations and discussion in preparation for the National Young Innovators Competition. Dr. Sylvia Mitchell demonstrated tissue culture techniques and Dr. Melaine Randle gave them an overview of basic molecular biology techniques such as DNA isolation and gel electrophoresis. The School was second in the competition.

CONFERENCES AND WORKSHOPS ATTENDED

The 2015 Kalyxty Conference – “Creating wealth through Agriculture, Technology and Culture”

Professor Asemota was invited as one of the guest speakers in the Kalyxty Conference held at the Knutsford Court Hotel on May 21, 2015. Her presentation was entitled “Development of the Agricultural Sector through Innovative Research”. The conference with the theme “Creating wealth through Agriculture, Technology and Culture” brought a number of sectors together including representatives from the banking industry, entertainment, academic institutions, and small businesses where ideas for business growth through innovation and efficiency were presented, represented and discussed.

The Society for In vitro Biology Meeting

Dr. Sylvia Mitchell attended the Society for In vitro Biology (SIVB) Meeting held in Tuscon, Arizona, May 30th to June 3rd 2015, where she received the 2015 Distinguished Service Award for Outstanding Service to the SIVB. She also co-convened a session entitled: “Medicinal Plants, Propagation and Nutraceuticals” where she invited Dr. Ina Vandebroek, from the New York Botanical Gardens, to present two papers at the session, one of which was coauthored by Dr. Mitchell entitled “The Ethnobiology of Jamaica, the Dominican Republic and New York City: Similarities and Differences”. Dr. Vanderbroek also presented a second paper entitled “Reconciling different worldviews: Biomedicine vs traditional medicine”. Dr. Mitchell authored and presented
two papers in the session entitled “Application of In Vitro Techniques for the Conservation & Sustainable Use of Endemic, Indigenous, & Native Ethnomedical Plants of the Caribbean” and “An Update on Cannabis Legislation, Research, and Development in Jamaica and Its Relevance to the Region”.

NCU 2015 Science Symposium

The Director of the Centre, Professor Helen Asemota, gave the keynote address at the Northern Caribbean University 2015 Science Symposium in Mandeville, Manchester on March 10, 2015. She spoke on “Wholistic Synergy and Transformational Solutions through Research.”

10th Biennial Conference of the Faculty of Science and Technology

The Biotechnology Centre participated in the FST 10th Conference held June 9–11, 2015. Under the theme “STEM: The Engine of Growth” four papers were presented by Biotechnology faculty at the conference. The conference offers an opportunity for researchers from a broad range of disciplines across Science, Technology, Engineering and Mathematics to showcase their work and the associated relevance to development.

JAMPRO Training Workshop

On April 8th and 9th members of staff (Professor Helen Asemota, Dr. Sylvia Mitchell, Ms. Lamar Thomas, Mr. Jordan Freeman, and Mrs. Shivanjali Dondapatti) of the Biotechnology Centre attended the UNESCO National Science, Technology and Innovation (STI) Policy Indicator Workshop held at the Scientific Research Council, Kingston 7. It involved a wide cross section of representatives from the private sector, the Planning Institute of Jamaica, Ministry of Agriculture, Ministry of Science, Technology, Energy and Mining, the Northern Caribbean University, the University of Technology, and the University of the West Indies. The main aim of the workshop was to define key terms such as Research and Development, Education, Training, Science and Technology. The clarity of terminology would be necessary for UNESCO’s
future collection of science indicators from relevant institutions for the development of technology policies.

National Nutraceutical Industry Stakeholder Consultation Workshop

The Centre was invited to participate in the National Commission on Science and Technology (NCST) and the National Nutraceutical Industry’s National Nutraceutical Industry Stakeholder Consultation Workshop on Wednesday April 29th, 2015, at the Planning Institute of Jamaica (PIOJ). The aim of the workshop was to discuss the way forward for Jamaica in the Nutraceutical Industry. The workshop looked at coordinating an approach to manage industry activities and bring practitioners, support agencies and other critical stakeholders under one umbrella.

SUMMER INTERNSHIP AT THE CENTRE

The TEF Programme

In June 2015, Miss Karen Levy coordinated the Tourism Enhancement Fund Programme at the Centre where eight (8) students participated in the training programme organized at the Biotechnology Centre. Based on the suggestion of the Director, Professor Asemota, Mr. Jordan Freeman, the first Biotechnology Business Incubatee, trained at the Centre, with the help of the MSBM and Ms. Campbell of the Mona Business Initiative, trained and supervised the work of six participants while Miss Levy offered oversight to these students and also trained two others in office administration and front desk management. The students who worked with Mr. Freeman were taught to conceptualize biotechnology business ideas and then write proposals about the business idea. The culminating activity for the TEF students involved making presentations on their proposals to a panel of 4 judges drawn from the Biotechnology Centre and the Mona School of Business. The presentations were done in pairs at the Mona School of Business and a certificate was awarded to the winning team. All students were awarded Certificates of Summer
Internship Completion for the period June 8th to July 17th, 2015. Miss Levy also assisted in the recruitment of other TEF students for training in the Departments of Chemistry and Basic Medical Sciences where they were supervised by Mrs. Grace Hosang and Mrs. Yvonne Bailey respectively.

**Internship for Foreign Scientists/Visitors at the Centre**

On the invitation of the Director, Miss Suvi Rantamo from the Department of BioSciences, University of Helsinki, Finland, interned at the Biotechnology Centre during the period June 22 to August 21, 2015. She was supervised by Dr. Melaine Randle and Dr. Sylvia Mitchell under the project “RAPD Analysis of *Theobroma cacao* from two Agricultural Research Stations in Jamaica”. Miss Rantamo was taught a number of techniques, including DNA isolation, agarose gel electrophoresis, polymerase chain reaction (PCR), and random amplified polymorphic DNA (RAPD). This internship earned the Centre one thousand US Dollars (USD1,000.00).

**VISITORS TO THE CENTRE**

During the period under review, the Centre received numerous international and local visitors.

**UNU BIOLAC Representatives:**

On Monday 29th of September 2014, the Centre welcomed two representatives of the United Nations University Biotechnology Programme for Latin America and the Caribbean (UNU BIOLAC), Professor Jose Ramirez and Dr. Ivan Galindo-Castro. The guests were introduced to staff and students and to the various research work being conducted at the Centre, and a tour the facilities. The guests also met with the Acting Dean of the Faculty, Professor Michael Taylor, along with the Head of Department of Life Sciences and Head of the Natural Products Unit.
According to the visitors, the UNU-BIOLAC Program offers opportunities for networking and collaboration within Caribbean and Latin America in Biotechnology programs and research opportunity to bring trainers from other parts of the world under the UNU-BIOLAC program as well as funding opportunities for short-term research training in other regional laboratories.

**Dr. Carlos Borroto, CICY**

Dr. Carlos Borroto, Advisor to the General Director of the Yucatan Research Center for Scientific Research (CICY), Mexico, visited the Centre at the request of the Director in collaboration with the Inter-American Institute for Cooperation on Agriculture (IICA), April 24–25, 2015. The Centre invited Dr. Borroto to explore collaboration between the UWI Biotechnology Center and the CICY as well as to present a public seminar on Agricultural Biotechnology and Entrepreneurship in Cuba and Mexico.

On 24th April 2015 Dr. Borroto was introduced to the staff and students at the Biotechnology Centre where he briefly discussed the works of the CICY including its current activities and achievements. The Biotechnology Centre team was able to discuss possible growth ventures and areas in which the Biotechnology Centre and the CICY could collaborate. Afterwards, Dr. Borroto and the Director, met with Dean Paul Reese along with the Representative of IICA in Jamaica, Dr. Elizabeth Johnson. The group discussed ways in which the Biotechnology Centre, UWI and Jamaica could benefit from the commercialization of research products.

On Saturday, 25th September 2015, Professor Helen Asemota, Dr. Sylvia Mitchell, Dr. Elizabeth Johnson of IICA, as well as Dr. Sharon Smith of the Mona School of Business Services, held a meeting with Dr. Borroto. Dr. Borroto was taken to visit the virus-tested tissue culture plantlets at the Centre’s experimental farm, the germplasm Garden and the Mona Micro-plant Facility managed by Dr. Mitchell. The team discussed ways in which the two institutions could share techniques and knowledge, as well as how the CICY could provide training for staff and
students and seek grant funding for the development of some agricultural research areas and the successful commercialization of biotechnology products.

Mr. Tim Cranston, University of Halifax

Mr. Tim Cranston of the St. Mary University in Halifax, Canada, visited the Centre on May 13, 2015 to hold discussions towards possible collaboration with the Biotechnology Centre and the Mona School of Business Management (MSBM). The parties discussed work on product development, analyses and commercialization with seaweed biomaterial produced by a particle reduction method and other biomaterials to be produced from local plant sources, e.g. citrus. Mr. Cranston was met by Prof. Helen Asemota, Drs. Sylvia Mitchell and Alexia Harvey, of the Biotechnology Centre and Professor Douglas Lindo of the MSBM.

Other notable visitors included Dr. Ina Vandebrook from the New York Botanical Gardens, USA, Dr. Tennial Ramikie who conducted research on Cannabinoids at the Vanderbuilt University, and appointed as Research Fellow at Harvard University, as well as our very own Prof. Harvey Reid (UWI retired) of Country House Products, Mandeville, Jamaica.

BIOTECHNOLOGY CENTRE SEMINARS

In the academic year in question, the following public seminars were organised by the Centre and presented by the indicated invitees:

- “Medical Ethnobotany in the Americas and the Caribbean” presented by Dr. Ina Vandebroek on August 13, 2014.
- Trends in Medical Biotechnology presented by Professor José Ramirez Ochoa, of the United Nations’ University Biotechnology Programme, September 29th, 2015
• “The Transformation: from an idea to the shelf” presented by Prof. Harvey Reid on November 20th, 2014.

• “The Endogenous Cannabinoid Systems and Stress” presented by Dr. Tenniel Ramikie on March 4th, 2015.

• “Agricultural Biotechnology: Realities and Perspectives. Case studies Cuba and Mexico” by: Prof. Carlos G. Borroto on April 24th, 2015.

PUBLICATIONS

In the period under review, the Centre achieved 25 publications consisting of eleven (11) International Refereed Journal Publications, one (1) book chapter, and 12 Conference Abstracts/Presentations, as listed below:

Refereed Journals:


• Picking D., R. Delgoda, N. Younger, L. Germosén-Robineau, I.


**Books**


**PAPERS PRESENTED**


INCOME GENERATION

During the period August 1, 2014 to July 31st, 2015, income generated from Bioservices, Internships and Workshops organized by the Centre amounted to approximately One Million Jamaican Dollars (J$1,000,000.00) and one thousand USA Dollars (US$1,000).

PUBLIC SERVICE:

Professor Helen Asemota:
- Ordained Reverend – serving Holiness Christian Church of Jamaica Denomination as a Pastor.
- Chairman and Co-Founder, Imade Asemota Foundation for Sickle Cell Research and Patients’ Welfare (IAF), North Carolina, USA.
- University Accreditation Assessor, University Commission of Jamaica (UCJ)
- Education Committee Chair, International Proxy Parents (IPP)
- IEEE Member of TC 19 Group
- International Measurement Convention (IMEKO) Rep. in Jamaica.
- STEM Women of Science Concave (SWOC), USA. Founding Member.

Dr. Sylvia Mitchell:
- Member of Caribbean Access and Benefit Sharing (ABS) Development Initiative Steering Committee
– Member of the Society for In vitro Biology – Education Chair, and Co-Editor of In vitro Report
– Member, Management Board, College of Agriculture and Science Education (CASE)
– Member, Standards Council, Standards and Technical Sub-Committee, National Quality Awards, and Chair of the Board of Examiners, Bureau of Standards of Jamaica (BJS)
– Member, Hope Garden’s Education and Research Sub-Committee, NPF

Dr. Marcia Roye:
– Assistant Dean for Graduate Studies & Research, Faculty of Science & Technology, Mona

Professor Paula Tennant
– Head of Department of Life Sciences, Mona

POSTGRADUATE STUDENTS

A total of 14 postgraduate students are registered for the PhD or MPhil in Biotechnology at the Centre, out of which 6, listed below, entered the programme at the beginning of the academic year under review. The 6 new students are, Foster, Kimberly; Marriott, Chantal; Mayne, Nicaine; Bell, Princess; Scott, Nikashae; and Williams, Lowen. The other students previously registered and working at the Centre are Chenielle Delahaye, Cheryl Green, Raxon Gordon-Simmonds, Soyanni Holness, Kimani Kitson-Watson, Adriel Ramkissoon, Deiondra Robinson, and Racqueil Wright. Some students, registered in other departments also conduct research at the Centre, such as Alisa Lindo of the Department of Life Sciences, Keaton Logan, Melissa Williams and Kenroy Wallace of the Department of Basic Medical Sciences.

In November 2014, Miss Natwaine Gardner was awarded the PhD degree in Biotechnology with high commendation for her work on the “Analysis of drug addiction treatment or secondary prevention using
nutritional supplements: Mechanisms of action in an animal model of cocaine dependence”. This research entailed a multi-disciplinary approach and encompassed a wide range of persons that so willingly lent their expertise. This very diverse supervisory team was led by Professor Helen Asemota (Biochemistry, Molecular Biology and Biotechnology) and included Dr. Andrew Wheatley (Biochemistry and Biotechnology), Dr. Winston De la Haye (Substance Abuse and Psychiatry), Dr. Donovan McGrowder (Chemical Pathology), Dr. Lowell Dilworth (Chemical Pathology and Biochemistry), Dr. Perceval Bahado-Singh (Clinical Biotechnology) Dr. Henry Lowe (Ethno Chemistry) and Dr. Ajibike Salako-Akande (Inventor of Nutritional Supplement formulation). Every member of this multidisciplinary team, along with Dr. Lorraine Young (Neurology, Physiology) and Professor Denise Eldemire-Shearar (Community Health and Psychiatry) graciously gave their invaluable contribution which facilitated this pioneering research to its completion.

Mr. Kimani Kitson-Watson received a Smithsonian Graduate Fellowship to pursue research for 12 weeks at the Smithsonian Marine Station in Fort Pierce, Florida. The award was granted by the Link Foundation and the Smithsonian Institution of the USA. Mr. Kitson-Watson, who is being supervised by Dr. Marcia Roye (and Dr. Webber, Life Sciences Department) will study the restriction site associated DNA technique at the Institution in Florida. His MPhil work work involves examining the fine-scale population structure of the Queen Conch (Strombus gigas) in the Jamaican Fishery.

Miss Racquel Wright, PhD candidate in Professor Asemota’s Research Team, visited the Morehouse School of Medicine in Atlanta, Georgia during November 2014 and again for a second period starting June 2015, as a part of an ongoing collaboration with Dr Jacqueline Hibbert of the Department of Microbiology, Biochemistry and Immunology and Professor Marvin Reid of UWI. Miss Wright is completing work on the project “Antioxidant and anti-inflammatory properties of Moringa oleifera towards use in the treatment of sickle cell anemia”. The Morehouse visits are targeted at analyzing the anti-inflammatory properties of Moringa extract in endothelial cells. The visits were made possible by the National
Institute of Health (NIH) Fogarty Global Health Fellowship Grant #5R25TW009340, under a broad network of collaboration involving Duke University and the University of North Carolina, Chapel Hill, where the grant is located.
THE HUGH WYNTER FERTILITY MANAGEMENT UNIT

Professor Joseph Frederick, OJ, CD, MBBS, DM (O&G), FRCOG, FACOG
Head of Department

OVERVIEW

The Hugh Wynter Fertility Management Unit (HWFMU) continued to consolidate its programmes and services during 2014/15. HWFMU in expanding its teaching and service capacity in assisted reproduction hosted a regional workshop funded by Ferring International for obstetrician/gynaecologists. It is anticipated that close collaboration will be fostered through this initiative to increase the number of clients from around the Caribbean for fertility treatment in the HWFMU.

The Unit in collaboration with the UWI Legal Unit had two workshops to review and finalize the consent forms for reproductive services. The forms are now in use.

The final report of the audit undertaken by the UWI’s audit department was discussed and steps have been taken to implement the various recommendations in collaboration with the relevant offices.
The Unit continues to use available opportunities to promote and improve its services and anticipates significant growth in 2015/16.

**CLINICAL SERVICES**

Table 1. Surgeries and procedures performed in the Clinic

<table>
<thead>
<tr>
<th>Procedures</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Contraceptives</td>
<td>432</td>
</tr>
<tr>
<td>Depoprovera injection</td>
<td>2,354</td>
</tr>
<tr>
<td>Jadelle implant</td>
<td>41</td>
</tr>
<tr>
<td>IUCD</td>
<td>150</td>
</tr>
<tr>
<td>Tubal Ligation</td>
<td>8</td>
</tr>
<tr>
<td>Vasectomy</td>
<td>3</td>
</tr>
<tr>
<td>Diagnostic Laparoscopy</td>
<td>12</td>
</tr>
<tr>
<td>Diagnostic Hysteroscopy</td>
<td>207</td>
</tr>
<tr>
<td>Cervical Cerclage</td>
<td>3</td>
</tr>
<tr>
<td>Cyst aspiration</td>
<td>3</td>
</tr>
<tr>
<td>Operative laparoscopy</td>
<td>135</td>
</tr>
<tr>
<td>Operative hysteroscopy</td>
<td>24</td>
</tr>
<tr>
<td>Myomectomy</td>
<td>11</td>
</tr>
<tr>
<td>Hysterectomy</td>
<td>5</td>
</tr>
</tbody>
</table>

The National Family Planning Board has not been able to supply the Unit with Subdermal implants (Jadelle and Zarin) hence the reduction in amount inserted.

Diagnostic Laparoscopy has been reduced with doctors preferring to do Operative Laparoscopy when a patient has Chronic Pelvic Pain.

Tubal Ligation is now done under general anaesthesia, costs have increased and hence a reduction in the number of persons seeking tubal ligation.
Table 2  Assisted Reproduction Report

<table>
<thead>
<tr>
<th>Procedures</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Couples women registered for Assisted conception</td>
<td>116</td>
</tr>
<tr>
<td>Single women registered for Assisted conception</td>
<td>5</td>
</tr>
<tr>
<td>Couples counselled</td>
<td>48</td>
</tr>
<tr>
<td>Single women counselled</td>
<td>5</td>
</tr>
<tr>
<td>Egg Recoveries (IVF/ICSI)</td>
<td>79</td>
</tr>
<tr>
<td>Embryo Transfers</td>
<td>79</td>
</tr>
<tr>
<td>Egg Sharers/ Egg Donor Recoveries</td>
<td>14</td>
</tr>
<tr>
<td>Egg Sharers Embryo Transfers</td>
<td>9</td>
</tr>
<tr>
<td>Recipient Cycles</td>
<td>20</td>
</tr>
<tr>
<td>Recipient Embryo Transfers</td>
<td>4</td>
</tr>
<tr>
<td>Patients with Embryos Cryopreserved</td>
<td>39</td>
</tr>
<tr>
<td>Frozen Embryo Transfers</td>
<td>35</td>
</tr>
<tr>
<td>Semen Analysis Performed</td>
<td>213</td>
</tr>
<tr>
<td>Intrauterine Inseminations</td>
<td>28</td>
</tr>
</tbody>
</table>

**TRAINING**

The Training section contributes to the development of the skills and competencies of a wide cross-section of professionals throughout the English-speaking Caribbean by means of targeted training interventions. The present focus of the section is on conducting the Masters in Counselling Programme by a blend of Face-to-Face teaching and Computer-Mediated Instruction.
Summer Programme

Nineteen M.Sc. Counselling students from six English-speaking Caribbean countries (The Bahamas, Belize, Dominica, Jamaica, St. Lucia, St. Vincent and Trinidad) attended the second of two summer Programmes at the Mona Campus, UWI from June 29, 2015 to July 17, 2015. The students were housed at the Elsa Leo Rhine Hall of Residence at the Mona Campus.

GRADUATION

Five (5) students graduated in October, 2014 from the following sites as follows:

Belize 1 student
Trinidad 3 students
Mona 1 student

The following courses were offered from August 1, 2014 to July 31, 2015

Semester 1, 2014–2015

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Passed</th>
<th>F/FM/abs</th>
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</thead>
<tbody>
<tr>
<td>COUN6201</td>
<td>Cognitive - Behavioural Counselling Part 1</td>
<td>20</td>
<td>3</td>
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<tr>
<td>COUN 6107</td>
<td>Qualitative Research Methods</td>
<td>18</td>
<td>5</td>
</tr>
<tr>
<td>COUN 6114</td>
<td>Practicum 1 (M12 Repeat)</td>
<td>1</td>
<td>0</td>
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<td>COUN 6115</td>
<td>Practicum 2 (M12 Repeat)</td>
<td>2</td>
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<tr>
<td>COUN 6203</td>
<td>Practicum 3</td>
<td>16</td>
<td>5</td>
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<tr>
<td>COUN 6110</td>
<td>Person- Centred Counselling (MEX Re-sit)</td>
<td>1</td>
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<tr>
<td>COUN 6111</td>
<td>Existential Counselling (M12 Repeat)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>COUN 6113</td>
<td>Professional Issues Part 1 (Re-sit)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>COUN 6208</td>
<td>Vocational Counselling</td>
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### Semester 2, 2014–2015

<table>
<thead>
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<th>Course Code</th>
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<tbody>
<tr>
<td>COUN 6206</td>
<td>Cognitive Beh. Counselling Part 2 (Awaiting grades)</td>
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<tr>
<td>COUN 6205</td>
<td>Family Therapy</td>
<td>18</td>
<td>5</td>
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<tr>
<td>COUN 6207</td>
<td>Practicum 4</td>
<td>19</td>
<td>4 Inc.</td>
</tr>
<tr>
<td>COUN 6201</td>
<td>CBT Part 1 Re-Sit</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>COUN 6106</td>
<td>Quantitative Research Methods (M12 Repeat)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>COUN 6106</td>
<td>Quantitative Research Methods (Re-sit)</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>COUN 6111</td>
<td>Existential Counselling (M12 Repeat)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>COUN 6112</td>
<td>Personal Growth Groups (Re-sit)</td>
<td>2</td>
<td>0</td>
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<tr>
<td>COUN 6203</td>
<td>Practicum 3 (Re-Sit)</td>
<td>1</td>
<td>3 Inc.</td>
</tr>
<tr>
<td>COUN 6301</td>
<td>Research Project (Awaiting grade)</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>COUN 6302</td>
<td>Practicum 6</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

### Second Summer School: (19 students attended July, 2015)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Passed</th>
<th>F/FM/abs</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUN 6202</td>
<td>Cognitive – Beh. Group Couns. (Awaiting grades)</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>COUN 6209</td>
<td>Professional Issues Part 2 (Awaiting grades)</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>
OUTREACH

The Unit participated in several of The National Family Planning Board’s (NFPB) activities.

Attended stakeholder meetings

- Participated in Sexual and Reproductive Health Conference, November 29 – 30, 2014 with exhibits and presentations on “Fertility Issues” by the Director Professor Joseph Frederick, 5 Consultant Obstetrician/Gynaecologists and two Embryologists.

- Participated in NFPB’s Research Day, July 27, 2015 with presentation on “Reproductive Options for Persons Living with HIV” by Dr. Kamali Carroll, Embryologist.

- Participation in UWI Research Days February 10, 2015: the Unit hosted a tour of the facility and a presentation was made on “The Work of the Unit” by Dr. John Harriott.

- The Unit partnered with the Shauna Fuller Clarke’s BASE (Better Awareness and Services for Endometriosis) Foundation to increase awareness of the condition. The activities included observation of Endometriosis month in March 2015 with:
  - Radio and television interviews including a sponsored programme on Nationwide.
  - Presentations at the “Endotalk” public forum at the Faculty of Medical Sciences Teaching and Research Complex. Mona on March 19, 2015.
  - Participation in the international “March” and hosting a booth at Devon House, on March 28, 2015.

- The Unit conducted an “Assisted Conception Workshop” on June 12 &13, 2015, sponsored by Ferring Pharmaceuticals, for 15 Obstetricians/Gynaecologists from six Caribbean countries including Jamaica and Haiti. There were lectures on decision-making in assisted conception, treatment protocols, managing complications, counselling
clients, medico-legal issues and laboratory aspects of IVF. All participants gained hands-on practice in Ultrasonography for Endometrial Assessment and Follicular Tracking.

- Various activities were undertaken for educational institutions, churches and NGOs including: display booths, distribution of educational materials, PowerPoint presentations, and career talks. These were organized and conducted by staff members and included:
  - Booth display and talk on the “Work of the HWFMU” at a Health Fair at HEART Trust/NTA Vocational Training and Development Institute, Gordon Town Road, on February 12, 2015.
  - Girls’ Day presentations at St. Andrew Technical High School on February 26, 2015, Topic “Roles and Responsibilities of Women” and Mona Primary School on May 20, 2015, Theme “Girls of Virtue, Women of Value”.
  - Booth display and a talk on “Fibroids” by the Director, at the Staff Wellness Day at the Vice Chancellery, Mona, on March 5, 2015.
  - Booth display at August Town Primary School Health Fair on March 21, 2015.
  - Booth display and oral presentation at UWISON on March 24, 2015.
  - Careers day presentation at St Joseph Infant School, Duke Street, on May 5, 2015.
  - Talk and display at Health Fair and Family Day at the Glad Tidings Open Bible Church, Hampton Green, Spanish Town on June 13, 2015.
  - Talk to URSAFE on “In-vitro Fertilization” by Mrs. Denise Everett Keene on June 25, 2015.
MAJOR CONFERENCES/SEMINARS

• ASRM 2014 was attended by Dr Kamali Carroll
• ASRM 2015 New York was attended by Mrs. Denise Keene, Mrs. R. Hammond & Dr Vernon DaCosta
• ACOG conference 2014
• Sexual and Reproductive Health Conference (NFPB) November 2014
• Annual Peri-Natal Conference 2015
• Conference for Nurses and Midwives 2015
• Assisted Conception Workshop 2015

PUBLIC SERVICE

Frederick, Joseph, Professor
– Board Member, British Virgin Islands Healthcare Services Authority
– Member, Caribbean Initiatives of Planning Committee of Planned Parenthood
– Member, Pacesetters Toast Masters Club

Hamilton, Pansy
– Board Member, The Mico University College
– Board Member, Caribbean HIV/AIDS Alliance
– President, Jamaica Association of Health Service Executives
– Executive Member, YWCA Jamaica
– Board Member Pringle Home for Girls
– Member, Churches Emancipation Committee for the Annual Emancipation Lecture
Jackson, Elaine
- Associate Pastor, New Wine Tabernacle Church
- Director and Executive Producer, UIWAIS House of Worship Ministry
- Member, Board for August Town Primary School
- Member, Jamaica Association of Composers, Authors and Publishers (JACAP)
- Member, Jamaica Association of Health Service Executives

Meade, Joan
- Chairperson, Zone 4A, Sub-district 60B, Lions Clubs International
- Leo Advisor, Lions Club of St. Andrew Central

Williams, Lillith
- Member, The International Association for Counselling

McKenzie, Claudette
- Member, Jamaica Association of Health Service Executives

Carroll, Kamali
- Member, Jamaica Association of Health Service Executives

Forbes-Blake, Veronica
- Member, Jamaica Association of Administrative Professionals

Ingram, Neila
- Pastor, St. Matthew’s African Methodist Episcopal Church
- Member/Advisor, O’Meally United Youth Club
- Board Member, Jamaica Council of Churches

Gill, Ileen
- Member, Jamaica Association of Administrative Professionals
WORK OF THE INSTITUTE

The Natural Products Institute (NPI), saw the establishment of several staff posts during this academic year, the first such cohort in the Institute, thus allowing for the formulation of a five year strategic plan. We are thankful to the Principal for the establishment of these posts of Research Fellows and a Senior Scientific Officer, which we anticipate will allow the growth of the Institute.

Combined with the approval of grants from the National Health Fund (NHF), Caribbean Health Policy Agency (CARPHA) in association with US, National Cancer Institute (NCI), in addition to Principal’s New Initiative, totaling up to approximately J$21M, we look forward to a year of research in cancer, (treatment and prevention leads) mosquito vector control, drug-herb interactions and cannabis (details of which are
provided in sections below). Following the invitation of several members of staff to join national bodies in natural product development, NPI looks forward to having national and international impact. Our staff continued to engage in high quality publications, presentations at several international conferences, as well as organization of the Faculty of Science and Technology conference, and also hosted several internationally renowned scientists. The year also saw the conclusion of the hosting period for Biotech R&D, a privately owned company.

PAPERS PRESENTED

Invited plenary and oral presentations:


- **Yee, T**, “Hypoglycaemic and hypotensive constituents from *Eucalyptus camaldulensis*”, 8th biennial meeting of the International Society for the Development of Natural Products, Shanghai, China, October 10–2, 2014.

- **Delgoda, R**, “Meeting the gaps for developing natural products in the Caribbean: a Jamaican model”, 8th biennial meeting of the International Society for the Development of Natural Products, Shanghai, China, October 10–12, 2014.


Papers presented as posters

- Delgoda, R, Kandagatla, S, Ranor, G, Brantley, E, Badal, S, Francis,


PUBLICATIONS

Refereed Journal Articles and book chapters

- Francis, S and Delgoda, R “Patent review on the development of cytochrome P450 inhibitors”, Expert Opinion on therapeutic patents, 2014, 24(6), 1–19
- Delgoda R, Picking D, “The pivotal role of scientific research in the development of the nutraceutical industry in Jamaica” in Jamaica’s
**Nutraceuticals: Opening the door to their potential**, Lowe, H and Morrison, E (Eds), Pelican Publishers, Jamaica, 2015


**Patent applications**

- **Yee, T** and Jacobs H, “Simplified Process to Extract Quassinoids” US Patent No. 2014/0187799 A1. This new patent in their series of extraction of Bitterwood describes three improvements to the original patents.

**Training workshops attended by Staff**

- Murray, J and Foster K (student), cell culture and cytotoxicity assessments, hands on training provided by Dr. G. Huang, Clemson University, Clemson, South Carolina, USA, July 2015.


**INCOME GENERATION**

1) Caribbean Public Health Agency (CARPHA) and National Cancer Institute (NCI) (US$50,000); “Identifying novel cancer treatment and prevention leads from the Jamaican biodiversity”, Awarded to Dr. R. Delgoda (PI) and collaborators.

2) National Health Fund (J$7.0M); Cancer treatment and prevention value of Jamaican natural products” awarded to Dr. R. Delgoda.

3) National Health Fund (J$7.5M); “Anticancer screens of Jamaican natural and synthetic products using mice models; A necessary step for drug development” awarded to Dr. S. Badal.
4) University of the West Indies New Initiative Grant 2015, (J$1.5M), “Evaluating Jamaican Natural Extracts as Effective Pesticide Synergists to Control the Spread of ChikV & Dengue” awarded to Dr. S. Francis.


PUBLIC SERVICE

Simone Badal
– Science Policy chair, Society for Scientific Advancement (SoSA)

Rupika Delgoda
– Member, Steering Committee, National Nutraceutical Industry, Jamaica
– Member, Cannabis Research and Development Evaluation and Monitoring Committee
– Member African Caribbean Cancer Consortium
– Secretary, International Society for the Development of Natural Products
– Co-Chair, 10th conference of the Faculty of Science and Technology, UWI
– Co-Licencee and organizer of TEDxJamaica
– Member International Society for Study of Xenobiotics
– Member American Society for Pharmacognosy

Sheena Francis
– Board Member of the Caribbean Diaspora for Science, Technology and Innovation (CADSTI)
– Organizing Committee, 10th conference of the Faculty of Science and Technology, 2015
– Organiser for Sagicor Visionaries Competition
– Member, American Society of Tropical Medicine and Health
– Member, Caribbean Academy of Sciences
– Member, Jamaica Organic Agriculture Movement
– Jamaican Young Scientist Forum
– Member, Caribbean Coastal Area Management Foundation

David Picking
– Advisory Panel, Jamaican Ministry of Health – Complementary and Alternative Medicine (CAM)
– Advisory Panel, Bureau of Standards
– Board of Directors, Perishables Jamaica
– Lecturer, All American Institute of Medical Sciences, Black River, Jamaica
– Collaborator, New York Botanical Garden (NYBG)

Trevor H. Yee (Retired, honorary member)
– Treasurer, the International Society for the Development of Natural Products (ISDNP)
– Executive Committee, the Natural History Society of Jamaica (NHSJ).

AWARDS

1) Principal’s Research Award for Most Outstanding Researcher, Faculty of Science and Technology (R Delgoda), January 2015
2) Award for best poster, 8th biennial meeting of the International Society for the development of natural products, October, 2014, Shanghai, China. (R Delgoda and D Picking)
3) Award for best poster, 3rd meeting of the Society for Scientific Advancement, Mona, November, 2014 (D Picking)

4) Award for most outstanding worker, Faculty of Science and Technology, Faculty Award ceremony, Ms. Kimone Stewart, Senior Administrative Assistant, March 2015

STUDENT MATTERS


NEWLY ESTABLISHED OVERSEAS COLLABORATIONS

1) Colorado State University, Fort Collins, USA

2) University of North Carolina, Greensboro, USA

3) New York Botanical Gardens, NY, USA

Visiting academics hosted by NPI


2) Dr. George Huang, Clemson University, South Carolina, USA, July 6–23, 2015
OVERVIEW OF THE DEPARTMENT

The Institute comprises the Epidemiology Research Unit (ERU), Sickle Cell Unit (SCU) and Tropical Metabolism Research Unit (TMRU) on the Mona campus, and the Chronic Disease Research Centre (CDRC) on the Cave Hill Campus. This report covers the Mona units with the report for CDRC submitted to the Cave Hill Principal. The primary goal of the TMRI is to conduct globally relevant research of internationally recognised quality that addresses health priorities of the Caribbean region. The TMRI continues to contribute substantially to the 2012–17 Strategic Objectives of the UWI with key areas being Research and Innovation, Graduate Studies, income source diversification and Outreach through Clinical services.
GRADUATE STUDIES AND OTHER ACADEMIC PROGRAMMES

The Institute offers Masters and Doctoral Programmes in Nutrition and in Epidemiology. In the 2014–15 Academic Year, the MSc in Nutrition was offered and the MSc in Epidemiology will be offered in the coming year. Recent graduates from these programmes have been employed by regional Ministries of Health, the private sector, Caribbean Public Health Agency (CARPHA), and in tertiary education and research.

We teach the nutrition module for the MBBS programme and also collaborate with the Department of Community Medicine and Psychiatry to teach the 3rd year MBBS and Dentistry students the ‘Understanding Research’ module. TMRI staff also teach research methods, epidemiology and statistics on several other courses within the MPH, DrPH, MSc Forensic Science and BSc Physiotherapy programmes. Short courses in Evidence Based Medicine have been offered and faculty supervised research projects for candidates in DM Programmes.

Members of our staff also contribute to undergraduate and post graduate clinical training in the MBBS and several DM programmes. We also assist other Faculties with rotations and guest lectures including candidates in the Social Work Programme by facilitating Practicum placement in the Sickle Cell Unit (SCU). The Sickle Cell Unit also facilitates rotations of practical nurses and other nurse training programmes outside of UWI.

We have active collaboration with the Faculty of Medical Sciences (FMS) in research training for staff through the FMS-TMRI research fellowships. This involves a two-year placement of FMS faculty in the TMRI for training in research with the objective of conducting and publishing a research project during the fellowship. The fellowships continue to be successful which helps to strengthen research capacity and build collaborations with the departments.

Annual Research Skills Workshops (Basic and Advanced) are offered over the summer to persons who are interested in learning more about basic research. Attendees have included UWI Faculty & Staff Members, employees of the Ministry of Health (MOH), Health Care Providers and workers in other Government and Academic Institutions.
CLINICAL SERVICE

The Institute provides significant outreach to communities through clinical services. The Sickle Cell Unit operates the only comprehensive facility for the care of persons with Sickle Cell Disease (SCD) in the English speaking Caribbean, as well as monthly clinics in Black River and Montego Bay. The SCU is a part of the Sickle Cell Working Group together with the MOH and the Sickle Cell Trust. Work to expand neonatal screening is in progress with the support of the National Health Fund. The goal is to establish island-wide screening and to provide the training needed to improve access to quality early childhood care for SCD patients. The Sickle Cell Unit also conducts a summer Teen Camp for children with SCD, aimed at increasing knowledge of the disease and the ability to cope with living with a chronic disease.

The TMRU provides in-patient care for children with severe undernutrition, co-re subject volunteers of various clinical trials and experimental studies. They also provide nutritional consultations for hospitalized patients. This consultation service is currently being expanded to include fee paying services in areas such as body composition analysis and weight management. Staff from all three units provide specialist clinical services to the UHWI serving in several outpatient clinics such as internal medicine, hypertension, diabetes, endocrinology and pulmonology.

RESEARCH AND INNOVATION

Our Annual Scientific Meeting was held October 28-30, and was attended by two members of our advisory group, Professor Isaac Odame (Global Sickle Cell Disease Network, The Hospital for Sick Children, Toronto) and Dr Peter Bennett (NIDDK Division of Intramural Research, Phoenix Epidemiology and Clinical Research Branch). These meetings are used to review the quality of our research programmes and assist with identifying opportunities for further collaborations. The main research programmes were Human Nutrition and Metabolism, Endocrinology, Genetic underpinnings of disease susceptibility and severity, Sickle Cell Disease, Child Development, Chronic Non-Communicable Diseases –
Surveillance, Epidemiology and Interventions, Inflammation and Wound Healing. Collaborations and partnerships across units and research programmes have been emphasized over the past 3 years and has increased and continues to grow. Examples include the USA-Caribbean Alliance for Health Disparities Research (USCAHDR); collaborations on parenting practices and early life weight gain; neuro-cognition in Sickle Cell Disease (SCD); and metabolic aspects of SCD. As part of our efforts to promote collaboration across units and research programmes, we are working to increase joint research between Barbados and Jamaica; we have improved our video conferencing capacity which facilitates interaction by collaborators in the two countries. We are also seeking to increase projects which involve other countries in the region (e.g. Pilot of parenting interventions in the Caribbean; Implementation of a culturally sensitive peer/lay diabetes education programme for adults with type 2 diabetes in six English-speaking Caribbean countries).

Staff and students have presented their findings at several regional and international meetings, including specially invited presentations. A list of publications and presentations follows.

Staff of the Institute have obtained grant funds to support research from a variety of agencies, with significant funding from Grand Challenges Canada, NIH, the Wellcome Trust, MRC (UK), Sagicor and the National Health Fund. Additional training and mentorship for staff in writing grant proposals is needed as well as continued strengthening of UWI’s grant administration support. Investment in this by the UWI will be critical in achieving the Strategic Objective, “Income source diversification”.

PUBLIC SERVICE

Staff members hold leadership positions in numerous professional organisations and provide technical advice to the Ministries of Health and Education. Several staff members also serve on committees in national and regional institutions and international agencies. Details are listed under Public service below.
PUBLICATIONS


- Asnani M., Reid M. “Cystatin C: A useful marker of sickle glomerulopathy?” *Blood Cells, Molecules and Disease.* DOI: 10.1016/j.bcmd.2014.07.018.

- Asnani M., Anderson M. ‘The white blood cell always eat the red’: What Jamaicans with sickle cell disease know about their illness. *Ethnicity & Health* Apr 2015; Volume 2: Pages 1-15


• **Bennett NR, Cumberbatch C, Francis DK:** There are challenges in conducting systematic reviews in developing countries: the Jamaican experience. *J Clin Epidemiol* 2015.


• **Bowers AS, Francis DK, Bennett NR.** Interventions for treating pulmonary hypertension in people with sickle cell disease or thalassaemia (Protocol). *Cochrane Database of Systematic Reviews* 2015, Issue 6. Art. No.: CD011752. DOI: 10.1002/14651858.CD011752.


• Clare-Pascoe N, Lee MG, Murphy T, Nicholson A, Ferguson TS. A Review of Clostridium difficile Infection at the University Hospital of the West Indies, Jamaica. *West Indian Med J*, 2015; ; DOI: 10.7727/wimj.2014.180 Available at: https://www.mona.uwi.edu/fms/wimj/article/2096


• Ferguson TS, Younger-Coleman NO, Tulloch-Reid MK, Knight-Madden JM, Bennett NR, Samms-Vaughan M, Ashley D, McCaw-Binns A, Molaodi OR, Cruickshank JK, Harding S, Wilks RJ. Birth


• Jackson MD, Tulloch-Reid MK, Lindsay CM, Smith G, Bennett FI, McFarlane-Anderson N, Aiken W, Coard KC. Both serum 25-hydroxyvitamin D and calcium levels may increase the risk of incident


• Roberts P.O., Plummer J., Leake P.A., Scott S., de Souza T.G.,


PUBLICATIONS – SPECIAL ISSUE

Special issue of the *Journal of Clinical Epidemiology*, highlights the work of the UWI Clinical Epidemiology Unit. The issue features a historical perspective of epidemiology and the future of clinical epidemiology by Professor Rainford Wilks; the role of early life determinants of adult blood pressure, and how that critical period may impact the region’s chronic non-communicable diseases epidemic by Dr Trevor Ferguson and Professor Marshall Tulloch-Reid served as one of the guest editors for this issue. The issue will be in press in the next few months but articles from this issue are available online at http://www.jclinepi.com/inpress

PRESENTATIONS

Susan Walker
- Reaching more children and families with evidence based parenting interventions. Scaling program investments for young children globally: Evidence from Latin America and the Caribbean and other developing regions. Forum on Investing in Young Children Globally, Sao Paulo, Brazil, November 10–11, 2014

Monica Asnani
- Determinants of Renal Decline in Sickle Cell Disease. Oral presentation


**Angela Rankine-Mullings**

- SCATE the Jamaican Experience, Haematology Grand Rounds - Cincinnati Comprehensive Sickle Cell Centre, Division of Haematology, Cincinnati Children’s Hospital Medical Centre, September 3, 2014

**Lesley-Gaye King**

- Sickle Cell Association of Austin, Texas – “Continuum of Care 2014: Clinicians Role in Transforming the Quality of Life for Patients with Sickle Cell Disease” April 26th, 2014. Sickle Cell Disease: The International Perspective

**Michael Boyne**

- Early childhood malnutrition and glucose dysregulation in West Indian adults. American Diabetes Association 75th Scientific Sessions, Symposium on “Global Challenges and Disparities in Diabetes,” June 5, 2015, Boston, MA.

**PUBLIC SERVICE**

**Susan Walker**

- Board of Trustees, Environmental Foundation of Jamaica Trust Fund.
- Contributor, USAID Global Classroom on Childhood Adversity.
– Member, Public Health Nutrition Advisory Committee, Caribbean Public Health Agency (CARPHA)

– Member, Advisory Committee on Health Research, Pan American Health Organization

**Marshall Tulloch-Reid**

– Jamaica Ministry of Health - Chickungunya Research Committee and Clinical Research Subcommittee

**Jennifer Knight-Madden**

– Vice President of Caribbean Network of Researchers in Sickle Cell Disease and Thalassemia

– Member of Ministry of Health Sickle Cell Disease working group

– Co-chair of Sickle Cell Disease Working Group, SickKids Caribbean Initiative

– Member, Ministry of Health, Scientific and Technical Working Group

**Suzanne Soares-Wynter**

– Audit Committee Member and Operations Committee Member, Board of Directors, Nutrition Products Limited. Ministry of Education, Youth and Culture (Government of Jamaica) School Feeding Division.

**Monica Asnani**

– Caribbean Representative: Worldwide Initiative on Social Studies in Hemoglobinopathies (WiSSH)

– Caribbean College of Family Physicians:

  – Honorary Secretary

  – Co-Chair, CME Committee

  – Member, Accreditation & Certification Committee.

– Board Member of Caribbean Network of Researchers in Sickle Cell Disease and Thalassemia
– Planning and execution of Medical Seva Camp of Shri Satya Sai Baba Organization in Jamaica. Brought in 10 doctors and 9 volunteers to assist from USA along with medications. Clinics in rural areas: April 19–25, 2015.

**Angela Rankine-Mullings**

– Member of Jamaica Pain Collaborative (representing TMRI) November
– Member of the District Health Committee

**Michael Boyne**

– First Vice-President, Association of Consultant Physicians of Jamaica
– Member, Board of Diabetes Association of Jamaica
– Member, DOHAD Council
– Panel Advisor, PAHO/CARPHA Technical working group, Guidelines for the management of diabetes
– Scientific Committee, Mona Office for Research and Innovation
– Member, National Health Fund Expert Panel of Physicians
– Reviewer for the following medical journals:
  
  *Journal of DOHAD*
  *Journal of Clinical Endocrinology Metabolism*
  *Diabetes Care*
  *West Indian Medical Journal*
  *Diabetology & Metabolic Syndrome*
  *Journal of Pediatrics*
  *Endocrine*
  *PlosOne*

– Member, National Health Fund Expert Panel of Physicians
INCOME GENERATION

1. Title: Developing, implementing and evaluating a teacher-training intervention to promote child mental health in the early grades of primary school in Jamaica
   Funding Agency: Grand Challenges Canada: Global Mental Health
   Investigators: Helen Baker-Henningham, Yakeisha Townsend
   Value of Award: CAD $268,922

2. Title: The “IRIE Classrooms Toolbox”: A cluster randomized trial of a universal violence prevention programme in Jamaican preschools
   Funding Agency: Medical Research Council
   Period of Award: Oct 2014–Sep 2018
   Investigators: Helen Baker-Henningham, Susan Walker
   Value of Award: GBP 1,197,664.65

3. Title: SickKids-Caribbean initiative (SCI): Enhancing Capacity for Care in Paediatric Cancer and Blood Disorders
   Funding Agency: The Hospital for Sick Children (SickKids)
   Period of Award: 2014–2019 (subject to approval)
   Investigators: Jennifer Knight-Madden
   Value of Award for 2014/2015: CAD $41,000

4. Title: Decreasing preventable Childhood Mortality due to Sickle Cell Diseases in Jamaica (MDG4)
   Funding Agency: National Health Fund
   Period of Award: Feb 2015–Jan 2016
   Investigators: Jennifer Knight-Madden
   Value of Award: JMD $10,000,000
5. Title: *Expanding Treatment for Existing Neurological Disease (EXTEND) Clinical Trial*
   
   Funding Agency: Children’s Hospital Medical Center (CHMC)
   
   Principal Investigator: Marvin Reid, Jennifer Knight-Madden
   
   Period of Award: December 2014–November 2017
   
   Value: USD$80,000 (Based on enrolment)

6. Title: *Integrating a parenting intervention with routine care to improve early developmental outcomes in children with sickle cell disease*
   
   Funding Agency: Grand Challenges Canada
   
   
   Investigators: J. Knight-Madden, S. Chang-Lopez, M. Asnani, L King, S Walker
   
   Value of Award: CAD $178,101
   
   Value for 2014/2015: CAD $77,089

7. Title: *Promoting global child development: A web based intervention package for parents and children, for use by community workers in low resource settings*
   
   Funding Agency: Grand Challenges Canada: Saving Brains
   
   Period of Award: 2013–2016
   
   Investigators: Susan Walker, Christine Powell, Sally McGregor, Susan Chang, Helen Baker-Henningham, Marta Rubio-Codina & Jena Hamadani
   
   Value of Award: CAD$2 million
   
   Value for 2014/2015: CAD $791,797

8. Title: *Home Visiting Programs to Improve Early Childhood Development and Maternal Mental Health – Evidence from the Western Region Project*
   
   Funding Agency: Grand Challenges Canada
   
Period of Award: 2014-2016
Value of Award: CAD $250,000

9. Title: USA-Caribbean Alliance for Health Disparities Research (USCAHDR)
   Funding Agency: Sullivan Alliance
   Investigator: Rainford Wilks
   National Institute on Minority Health and Health Disparities
   Cooperative Agreement No.1U24MD006959-01, NIH –
   US$4,799,063.00

9. Title: Integrative Global Research on Sickle Cell Disease
   Funding Agency: Bass Connections Grant, Duke University
   Co-Investigator: Jennifer Knight-Madden
   Value: US$ 25,000.00
   Period: July 1, 2014–June 30, 2015

10. Title: ‘CIJA Study’. Chronic Illness in Jamaican Adolescents
    Funding Agency: UNICEF
    Co-Investigator: Jennifer Knight-Madden
    Value: US$ 35,000
    Period: June 2014–2015.

11. Title: A Phase II, Multicenter, Randomized, Placebo-Controlled, Double-Blind, 12-Month Study to Assess Safety and Efficacy of SelG1 With or Without Hydroxyurea Therapy in Sickle Cell Disease Patients with Sickle Cell-Related Pain Crises. (SUSTAIN)
    Funding Agency: Selexys Pharmaceuticals
    Investigators: Jennifer Knight-Madden, Angela Rankine-Mullings
    Period of Award: 2013–2016
    Value: USD$100,000.00 (estimated, depends on patient enrolment)
WORK OF THE DEPARTMENT

What is UWI SODECO? UWI SODECO is a novel type of UWI research entity intended to be lower cost for both establishment and operations, to be global in its operations and networking, to leverage its global network to focus on big research questions from a stance that yields research findings proximate to product, and thus, to bring benefit to poor populations in developing countries and kudos to The University of the West Indies.

Why that structure? UWI SODECO is deliberately structured as a research charity, embedded in UWI, to facilitate it receiving funds and gifts from a range of sources. The structure assures UWI SODECO is embedded functionally in its constituencies; these include the Global Network of Researchers and the populations they serve, and the Local and Foreign Network of Philanthropists and commercial entities from
which it receives support. It is governed by a board which is Chaired by
the UWI Vice Chancellor or designate, and comprising, the CEO, 6
UWI Members and 4 Private Sector Members all of whom serve on
Campus Council and/or the University Council. The private sector
members as Trustees of the overall mission to improve health in
developing countries, have been planning the establishment of the
research entity since 2003, and have been instrumental in raising some
J$150 million dollars to help establish UWI SODECO. Major donors
have given primarily through the framework of UWI Development and
Endowment Fund, and include overseas donors, Jamaica National
Building Society Foundation, and Jamaica Producers Group. UWI
SODECO’s governance arrangements are deliberately flat to enable
rapid, focused, informed and out of the box decisions to enable nimbleness
in operations. UWI SODECO as a double headed coin, has its Charity
structure on one side, and UWI department on the other, and this
property enables it to function with a familiar and user-friendly feel both
within and outside the UWI.

WHAT ARE UWI SODECO’S MAIN GOALS?

UWI SODECO aims to solve one big medical question; what are the
molecular mechanisms underlying the greatly increased risk of obesity,
diabetes, hypertension, stroke and heart attack affecting populations,
poor for generations, who adopt western economic arrangements; See
details in the Research Programme below.

UWI SODECO intends to have its research findings used to create
novel interventions to prevent or treat these chronic diseases; Discoveries
from this research can reach to product through two main paths. Firstly,
the agencies that fund the research, e.g., the National Institutes of
Health and The Bill and Melinda Gates Foundation, both have structured
means of engaging industry to uptake findings and use them to develop
products that improve health. Secondly, UWI SODECO will increasingly
pursue collaborating with academics who are skilled in pharmacogenomics
to learn/participate in the proximate steps in this discovery-to-drug
process. This path is being developed in conjunction first with our
collaborators at University of Maryland; plans have also been formulated to follow suit with one at Harvard later in 2015.

UWI SODECO aims to convene appropriately skilled partners to solve other societal problems whose solutions create economic gain.

Solutions for Society, a think tank within UWI SODECO, partnered with the private sector in Jamaica and international agencies to provide the Bank of Jamaica, Ministry of Finance and the Jamaican Financial Sector a blueprint to implement mobile financial services using the existing financial companies, and the two telecoms providers. This report has been used by the Bank Of Jamaica to inform its recently published regulations governing the area.

Earlier in 2015 UWI SODECO handed over to the reconstituted National Commission on Science and Technology its PIOJ adopted project to lead the development of a national science policy.

The current project is in its planning stages, again involving the Jamaican private sector, the PIOJ and international agencies to provide to the Ministry of Finance and Planning and the Private Sector some options for driving economic growth in Jamaica, a topical subject.

WHAT IS UWI SODECO’S STRATEGY TO ACHIEVE ITS GOALS?

Global Stance

UWI SODECO deliberately functions as a node in a selected global network, with other nodes chosen to bring to bear specific skills required to get the job done. With its current goal, the molecular unravelling of underlying mechanisms of obesity and comorbidities, UWI SODECO has identified for best fit a number of University institutions including: University of Auckland, Liggins Institute, Sir Peter Gluckman, Dr. Allan Sheppard and Dr. Tony Pleasants for developmental biology and epigenetics; University of Maryland, Professor Richard Macko, Professor Charlene Hafer-Macko, Professor Alice Ryan, Professor Fred Ivey, Professor Braxton Mitchell, Dr. Anindo Roy, for neuroscience, exercise physiology and genomics; Loyola University of Chicago, Professor Amy
Luke, Dr. Ramon Durazo, Professor Richard Cooper for chronic disease epidemiology in African populations; University of Wisconsin, Madison, Professor Dale Schoeller, for energy metabolism; Baylor College of Medicine, Professor Farook Jahoor, for stable isotope metabolism; University of London, St. Thomas’ Hospital, Professor Kennedy Cruickshank, for cardiovascular epidemiology; Kwame Nkrumah University of Science and Technology, Dr. Jacob Plange-Rhule for ecological contrasts for nutrition, epidemiology and epigenomics; University of Cape Town/MRC ZA, Professor Bongani Mayosi, Professor Andre-Pascal Kengue, for ecological contrasts for nutrition.

Global Staff

UWI SODECO has chosen members of the network not only for scientific skill, but a shared commitment to use this network to train and season young academic staff so as to fit them to function seamlessly in the global research environment.

WHAT INVESTMENTS ENABLE UWI SODECO TO PURSUE ITS GOALS?

At inception, UWI and the private sector made capital investments.

Physical Infrastructure:

UWI Mona allocated space (25 West Road to function as UWI SODECO headquarters; two new laboratories in the Faculty of Medical Sciences Teaching and Research Complex for basic science; ground floor space in the former UHWI School of Nursing to serve as Clinical Science Laboratories; a house on College Common to serve as Visiting Fellows’ Residence). The laboratories have been equipped with state of the art basic science equipment with the use of a J$60m grant from UWIDEF. Headquarters and Visiting Fellow’s Residence have also been refurbished with grants from UWIDEF and Jamaica National Building Society Foundation. The UHWI former School of Nursing building is being
refurbished by a J$30m grant from UWIDEF to the University to serve as UWI SODECO Clinical Science Laboratories.

WHAT HAS UWI SODECO ACCOMPLISHED IN THE FIRST 2 YEARS OF OPERATION?

UWI SODECO began operations May 2013 when it moved into its headquarters at 25 West Road, UWI Mona Campus. Over this 2 year period it has established its infrastructure for research and administration, while simultaneously delivering its current research programme. Importantly we are aggressively going after new funding primarily from the US National Institutes of Health in order to extend the research funding from December 2016 five years forward.

RESEARCH PROGRAMME

Below is a brief summary of the research strategy pursued by UWI SODECO to achieve its goal of illuminating the molecular mechanisms of the increased risk for obesity and cardiovascular disease experienced by populations with a history of malnutrition over generations.

Background

- There is a global epidemic of obesity and associated diseases, hypertension, diabetes, and their vascular consequences, stroke and heart attack.

- The burden of these diseases rests heavily on developing world populations.

- Obesity and its associated diseases grow increasingly common when populations, previously poor and undernourished, enter the global economy and food becomes more available along with changes in social and economic organization which lead to more sedentary lives.

- There is growing recognition that the risk of obesity and its associated diseases is amplified by under-nutrition in early life, sometimes beginning in utero, as well as going back several generations.
Intergenerational under-nutrition affects approximately 40% of the global population and rests heavily on sub-Saharan Africa, rural India and China, and Latin America and the Caribbean.

Left unattended, the burden of disease will rise exponentially, and its effects on morbidity, individuals’ ability to work, and interruption of investment in children in families will retard economic development at country level.

There has been a global response at national and UN levels along two main tracks. First, public health interventions have been designed to prevent disease, and second, health system responses to assure better, more efficient management of disease recommended. However, despite ramped up efforts, the epidemic continues virtually unabated especially in developing countries.

Awareness has therefore arisen for the need for game changers and many institutions are focused on this issue.

UWI SODECO’s approach makes the assumption that knowledge of the underlying molecular mechanisms that drive the obesity and chronic disease responses to increases in availability of food and reduction in activity levels, especially in inter generationally undernourished peoples, is a pre-requisite to identifying game changing prevention and cure strategies.

UWI SODECO through its global network is tasked to devise one specific scientific approach to the problem: to use cutting edge technologies to search for and find underlying molecular mechanisms of amplified risk existing in previously undernourished populations and to use this knowledge to guide the crafting of novel interventions for prevention and treatment.

The combination of infrastructure as described and research grants in hand extending through December 2016 has enabled thought leadership from Jamaica in the area of the interaction of malnutrition, developmental biology, and risk of obesity and associated diseases to combine with other expertise in the network nodes to tackle this problem.
Research Deliverables

When this set of current projects is complete in December 2016, we would have:

i) described the molecular pathways that underpin both the heightened risk of obesity and cardiovascular disease resulting from intergenerational malnutrition.

ii) described those pathways in muscle that respond to exercise to reverse the increase in risk of cardiovascular disease resulting from stroke, the preeminent complication of obesity and its comorbidities.

UWI SODECO CONTRIBUTING TO RESEARCH IN THE FACULTY OF MEDICAL SCIENCES

UWI SODECO operates de facto as a University Research Unit within the Faculty of Medical Sciences, UWI Mona Campus. From its inception, UWI SODECO has worked closely with the Dean, Professor Horace Fletcher and the designated officer responsible for research, Deputy Dean, Professor John Lindo to further research in the faculty. The collaborative team UWI SODECO/FMS Research Dean’s Office has proposed to the Dean, a three pronged programme now being implemented with the Dean’s approval. The first intervention is a strategic one and is an external peer evaluation of research in the Faculty led by an external body based at the University of Nottingham. The results of the research assessment will be used to create a strategic plan for research for the Faculty and identify network assets who can contribute to key elements of that strategy. The second intervention is an accelerated programme to identify and train research leaders in Departments. The Faculty has agreed to reallocate time and modify evaluation criteria appropriately to allow Research Leaders 80% time to focus on research so as serve as the engines within their departments for research. Clinical and Teaching Faculty will thus have a Departmental focal point for research in which they can participate without carrying the full burden of research and clinical/teaching simultaneously. The first three candidates have been agreed and are being enrolled in a tightly run PhD programme embedded
in the UWI SODECO research programme with a three year graduation timeline. The third intervention is designed to broaden support for Research Leaders and other research active Faculty; it is the constitution of a local network of research active senior scientists around whom mentorship will be organised more broadly.

**PEER REVIEWED PUBLICATIONS**


PRESENTATIONS


PUBLIC SERVICE

Professor Terrence Forrester
– Membership on, National Commission on Science and Technology
– Membership on, Ministry of Education, STEM Committee

Dr. Curtis Green
– Member of the American Society for Nutrition (ASN)
– Member of the American Physiological Society (APS)
– Member of Society for Scientific Advancement (SOSA)

Dr. Patrice Francis–Emmanuel
– Executive member of the Caribbean Endocrine Society
Dr. Claudia Campbell

– Mentor in the Y.U.T.E (Youth Upliftment Through Employment) program

– Member of Kiwanis Club, Kingston and St. Andrew

DISTINCTIONS, HONOURS, SCHOLARSHIPS AND AWARDS

2014: First Place: “National Innovations awards” – awarded by the Ministry of Science and Technology in the Category “Health and Safety” – Dr. Curtis Green

2014: Principal’s award for Most Outstanding Research Activity – Dr. Curtis Green

Endocrine Society “Early Career Forum Travel award” (March 2015) – Dr. Patrice Francis-Emmanuel

STUDENTS

Three PhD students enrolled 2015.
The Mona Ageing and Wellness Centre (MAWC) in its tenth year of existence has continued its mandate of research, teaching and community service addressing age-related health, socioeconomic and health policy needs of the country and the Caribbean.

The MAWC has formed and maintained linkages with key stakeholders that are important for the fulfilment of its mandate. These include: the National Council for Senior Citizens in the Ministry of Labour and Social Security, non-governmental organizations (NGOs) e.g. HelpAge Jamaica, HEART Foundation of Jamaica, HelpAge International (Caribbean), Caribbean Community of Retired Persons (CCRP), National Health Fund and the Board of Supervision (a statutory body operating in the Ministry of Local Government and Community Development).

The MAWC continued its close association with the Faculties of Medical
Sciences and Social Sciences along with several international universities e.g. Case Western Reserve, the University of North Carolina at Chapel Hill, The University of Manitoba, University of Minnesota and The University of South Florida.

In its relatively short history, the MAWC has produced outstanding, innovative and robust research that has been published in highly respected and peer-reviewed journals. The MAWC’s research has also been translated into landmark health policies and programmes that have positively impacted the lives of Jamaican and Caribbean older adults.

VISION, MISSION, AIMS AND OBJECTIVES

Vision

The Mona Ageing and Wellness Centre will be recognized nationally, regionally and internationally as a centre of excellence in gerontology research, teaching, policy development and community service.

Mission

The mission of the MAWC is to improve the health and wellness of the older adult population nationally and regionally through novel ageing research, policy development, teaching and community outreach.

The MAWC aims are to

• Promote healthy ageing throughout the life course
• Critically examine the biophysical, socioeconomic and psychological issues associated with ageing and propose appropriate programmes and successful models
• Strengthen knowledge and understanding of ageing issues across the region
• Promote the development of policy across the region
The specific objectives of the MAWC are to

- Develop an interdisciplinary programme of ageing studies within the University
- Work with Caribbean states and relevant agencies to develop policies and programmes to meet the challenge of population ageing.
- Disseminate current evidence on age-related issues.
- Establish and maintain current linkages with national, regional and international institutions concerned with and working on age-related issues
- Provide a service to older persons through an activity programme
- Provide seminars for older persons and other interest groups on pertinent issues such as – retirement, pre-retirement, caregiver issues and the management of chronic diseases
- Develop a systematic programme of community outreach that will raise the visibility of the UWI nationally and regionally


During the year under review, the MAWC continued its mandate of improving the health and wellness of the older adult population nationally and regionally through novel ageing-related research, teaching and community outreach.

The activities of the MAWC for 2014–2015 will be reviewed under the following headings

1. Research
2. Teaching
3. Community Service
RESEARCH

MAWC aims at forging research collaborations with national, regional and international institutions or organizations to create interdisciplinary teams that will best allow for an innovative gerontology research trajectory. Research activities in the MAWC for the year in review centred on the epidemiology, pathophysiology, biomedical (e.g. chronic diseases and geriatric giants), psychology and socioeconomic (caregiving, residential care, leisure activities, family support) aspects of ageing. These research projects include:

1 Health and Social Status of Older Persons

In component I, a community-based survey of 2,943 persons, 60 years was completed in 2012. The project was funded by National Health Fund, The survey aimed to elucidate the health, social and economic status of older persons nationally with supportive qualitative data on caregiver issues. Anthropometric and biomedical assays were also completed on a subset of the sample. This project continues in the dissemination of information with several articles already published, accepted or submitted to peer-reviewed journals.

Component II, a community-based survey of 300 persons, 60 years and over is currently underway, working closely with an international radiologist, Dr. Peter Johnson, and a MRI facility and psychiatrist Dr. Roger Gibson. The goals of the project are to determine the types of dementia among a population of older adults with screen-positive and screen-negative cognitive impairment. The initial goal has been modified after the full funding for the project was not achieved. The analysis of the data and the recommendations emerging may point to major issues to be addressed and may recommend future policy directions and initiatives. Preliminary finding suggest that the study will also provide critical information on stroke and raised intracranial pressure. The research was approved by the UHWI/UWI/FMS Ethics Committee and has received funding from the National Health Fund. Eldemire-Shearer (PI) ($6 million)
Sexual and Genitourinary Health Profile of Older Adults
aged 50 years and above

This project, funded by the Principal’s New Initiative Grant, is in collaboration with the Department of Obstetrics and Gynaecology (Professor Horace Fletcher, Dean FMS) and Department of Surgery, Radiology, Anaesthesia and Intensive Care-Section of Surgery-Division of Urology (Dr. William Aiken, Urology). The main aims of the project are to: a) identify the major gynaecological and urological issues for which older adults seek care, and b) document older adult’s perceptions and practices in relation to sexuality and ageing. Data collection for the first phase is complete and analysis has begun. This project will contribute to Mrs. Tyndale’s PhD. Willie-Tyndale (PI) $1.5 million.

Census of Older Adults Living in Communities around the UWI, Mona

The MAWC conducted a health and social status census of older adults in August Town, Elleston Flats, Hermitage, Mona Commons, and surrounding communities (2014). The project, funded by HelpAge Jamaica, initially aims to assess the needs of older adults in these communities including socio-demographic status, presence of chronic diseases, housing condition, disaster potential, training needs and screening for geriatric giants – falls, cognitive function, urinary incontinent and depression. In fulfilling the UWI mandate of community service, the next stage of the project will see the MAWC partnering with NGOs as well as the public and private sectors to appropriately respond to needs identified.

Sarcopenia and Ageing

The MAWC is currently collaborating with Solutions for Developing Countries (SODECO), headed by Professor Terrence Forrester, in Sarcopenia research. Sarcopenia is associated with an increased likelihood of falls and impairment in the ability to perform routine activities of daily living especially in older adults. This project is in the data collection phase using the cohort of older adults contacted during the “Health and
Social Status of Older Persons”.

Effectiveness of mobile health technology and support-group interventions to improve medication, dietary, exercise compliance and patient-provider communication among older adults with diabetes mellitus in Jamaica: A randomized controlled trial (2015).

The Mona Ageing and Wellness Centre in association with Millennia Community Foundation a non-profit organization in the State of Florida applied to the NIH Fogarty Grant for grant funding in February 2015. The project was not funded.

Effectiveness of mHealth interventions for improved patient-provider communication, adherence to treatment and self-management for older adults with type 2 diabetes mellitus in Jamaica: A RCT

The Mona Ageing and Wellness Centre in association with Millennia Community Foundation a non-profit organization in the State of Florida applied to the NIH Fogarty Grant for grant funding. The proposal was submitted to NIH in June 2015 and is currently in the review stage.

TEACHING

Teaching is considered a core function of the MAWC. All members of the academic staff teaches across all undergraduate and postgraduate programmes of the Department of Community Health and Psychiatry in subjects such as research methods, biostatistics, epidemiology, primary health care, health management, gerontology and geriatrics. The teaching in gerontology/geriatrics is important in enhancing the education of medical, nursing, social work, public health and family medicine students at the UWI.

During the year of review, the MAWC in association with the Department of Community Health and Psychiatry also developed two new programmes of Gerontology – Master of Public Health in Gerontology and the Post Graduate Diploma in Gerontology. These programmes are the only ones of their kind in the English-speaking Caribbean. The proposal for the new programmes was approved by the UWI in April 2014 to be offered
in the new academic year. After advertisements, there were five (5) applicants for the Master of Public Health in Gerontology and four (4) applicants for the Post Graduate Diploma in Gerontology. Unfortunately most students either deferred their acceptance to the following year or asked for leave of absence. The reasons for leaves of absence were illness related largely because of the impact of the Chikungunya virus which caused lengthy absences from class and in one instance triggered a resurgence of underlying illnesses.

The courses in this programme are available to the MSc clinical nurse specialist (gerontology) at the UWI School of Nursing, Mona.

**COMMUNITY SERVICE**

An important component of the MAWC activities is services for older persons, their relatives, caregivers, schools and communities in general. The MAWC community activities are geared towards providing services that improve the social, psychological and physical well-being of these groups.

**Census of Older adults**

An ambitious and extensive community service project was started in this review year with the first phase being the census of older adults living in communities around the UWI, Mona. The census, carried out by a team of MAWC staff and funded by a grant of US$1,000 from HelpAge Jamaica, was done to determine the health and social needs of older adults. The next phase of the project will see MAWC partnering with various organizations including the UWI Township Project to develop appropriate interventions.

**Dementia Support Group**

In response to the increasing concerns about mental health and older adults, The Mona Ageing & Wellness Centre under the auspices of Prof. Denise Eldemire-Shearer (Executive Director) and the Mental Health
Department of the Ministry of Health, Jamaica under the auspices of Dr. Maureen Irons-Morgan (Director) organized a Stakeholders’ Consultation to facilitate the development of a Dementia Support Group Programme. Mrs. McKoy-Davis, in the Mona Ageing & Wellness Centre, coordinates activities around this initiative.

Key government and non-government stakeholders were invited to participate in the Consultation held on Wednesday May 20, 2015. The objectives of the Consultation were to: a) Identify areas for prioritization in dementia care and support and b) Formulate/conceptualize a framework for the development of a Dementia Support Group.

The members of the meeting decided that consultation was required with caregivers of persons with Dementia in order to know and understand the needs of care-givers (including mode of support provision) which may vary.

**Computer classes**

Computer classes for older adults have continued with several groups of older persons attending and completing courses. The classes, which are offered at a minimal cost, are focused on introducing older adults to computers, typing documents, browsing the internet, creating and accessing email. In their assessment of the course and teachers, the seniors overwhelmingly thought that the content was excellent and delivered at an appropriate level. They assessed the teachers as being competent and patient. For the period under review 15 older adults attended classes for introductory computer skills.

This year, an advanced computer class was designed and will commence in the next academic year. These classes will include introduction to 1) the use of social media to remain in contact with family, locally and abroad (video conferencing), 2) transferring and archiving pictures on phone and camera and 3) securing and protecting online passwords.
Gym

The Rotary Club of St. Andrew and the British High Commission sponsored the equipment for a gym for older adults on campus and in surrounding communities. An exercise programme began in January 2014 in collaboration with the School of Physical Therapy, UWI and the Department of Community Health, Health Centre. In order to participate in the activities, persons aged 50 years and older need to receive medical clearance from their physician as well as sign a consent and photo-release forms. Older adults who are cleared medically and have signed the necessary forms undergo a screening process by physiotherapist Dr. Gordon. This allows for individualized intervention. The exercise programme is overseen by Dr. Gordon and her colleague Ms. Williams, along with physiotherapy students in the clinical component of their programme.

Information Brochures

The Mona Ageing and Wellness Centre in keeping with its mandate of providing current, accurate and evidence-based information revised fifteen brochures to ensure uniformity of presentation and readability. Four new brochures were developed on caregiver issues, diabetes mellitus, dementia and mental health issues among older adults. The process will continue in identifying other important topics for brochure production. This initiative was led by Mrs. Julian McKoy-Davis.

Online Presence

The Mona Ageing and Wellness Centre, in this academic year has also developed a Facebook page https://www.facebook.com/uwimawc – to provide a mechanism of disseminating valuable information to the public on various topically issues. The web page also allows for mutual exchanges between the Centre and our stakeholders. This initiative was led by Mrs. Douladel Tyndale.
PUBLICATIONS

Peer-reviewed Journal Articles

2014–2015


Accepted for publication

preventive services by older adults in a developing country. *Gerontology and Geriatric Medicine.*

**ORAL PRESENTATIONS**

MAWC academic staff have served the public in various organizations nationally and internationally including:

**Professor D. Eldemire-Shearer**
- Patron, National Council for Senior Citizens
- Chairman, Caribbean Community of Retired Persons
- Director, HelpAge Jamaica
- Member, Central Health Committee – Ministry of Health
- Member, Medical Association of Jamaica
- Member, West Indies Medical Journal Editorial Board
- Member, Gerontological Association of America
- Member, International Federation of Ageing

**Dr. Norman Waldron**
- Programme Director, HelpAge Jamaica
- Member, FMS Committee on Graduate Studies and Research
- Reviewer, McMaster Online Rating of Evidence (MORE)

**Mrs. Douladel Tyndale**
- Member, Gerontological Society of America
- Member, HelpAge Jamaica
– Member, International Epidemiological Association
– Member, UHWI/UWI/FMS Ethics Committee
– Reviewer, *West Indies Medical Journal*

*Mrs. Julian McKoy Davis*
– Member, HelpAge Jamaica
– Member, Gerontological Society of America
WESTERN JAMAICA CAMPUS

Montego Bay

Year ending July 31, 2015

LUZ LONGSWORTH
BA, MBA UWI, MA Queens, DBA Bath
Campus Director
WORK OF DEPARTMENT

The academic year 2014/2015 saw the realization of the physical expansion of the UWI Mona – Western Jamaica Campus as a result of the tremendous growth in student numbers. With an overall increase of 35% new students from the August 2014 intake (Fig.1), the Campus had been proactive in acquiring additional classroom and office space in the neighboring building at the Praise Plaza. This resulted in the opening up of 6 new classrooms, new staff offices, the Mona School of Business and Management, the conference room, and the movement of the Facilities Management Unit to more comfortable surroundings.

Fig. 1. Bar Graph comparing enrollment statistics at WJC for academic year 2013/2014 and 2014/2015 at the graduate and undergraduate (by faculty) levels.
The campus also saw an increase in academic staff in the areas of Nursing, Government, and Mathematics. New courses were introduced by the Institute of Caribbean Studies, the Institute of Gender and Development Studies and the Department of Government. Both the addition of new faculty and courses underscore the growing interest in the offerings of the UWI Mona-WJC and the need for improved market intelligence to introduce relevant programmes in the region.

The year also saw continued efforts to raise funds for student scholarships and bursaries through the efforts of the WJC Ambassadorsial Corps and the MoBay City Run Committee as well as other donors from the wider Western Jamaica community. Our students excelled in the field of intra and inter institutional debating and the campus had two students and one staff member representing at the World University Debating Competition in December of 2014. Additionally, the UWISON-WJC received the prestigious Nursing School of the Year Award from LASCO and the Nursing Association of Jamaica. Two nursing students (Latter Barker and Sasha-Marie Paul) were placed in the top three of the Nursing Student of the Year competition.

The campus continued its active involvement in community outreach and engagement with the business sector through joint activities with the Montego Bay Community College, Cornwall College and interaction with the Canterbury Community. Chief among these was the successful piloting of the UWI Community Film Project at the UWI Mona-WJC by the Centre for Tourism Research and Policy which also helped to widen our outreach to the Canterbury and Norwood communities (see appendix).

The campus also continued its active membership in the Business Process Industry Association of Jamaica (BPIAJ) and the Montego Bay Chamber of Commerce and Industry (MBCCI) where Mr. Patrick Prendergast was elected as a Director in April 2015.

In addition to outreach, the campus continued to engage the community with its lecture series, book launches and panel discussions. Notable lectures during the year included:
• *We Don’t Want No Charity* by then principal of the UWI Cave Hill campus, Professor Sir Hilary Beckles

• *Freedom’s First Fruits: Blacks in Post Slavery in Western Jamaica up to 1865* by Dean of the Faculty of Humanities and Education, Dr. Swithin Wilmot

• *Serious Tings! Comedy and Comedians – Insights on Identity Communication in the Caribbean*” by Jamaican theatre artiste, Owen “Blacka” Ellis

• *World Politics and the Process Towards Fence Mending* by the Russian Ambassador to Jamaica, Valdimir Polenov

• *Grassroots Activism: Leveling the Field for Citizen Participation in Democratic Societies*, by Martin Luther King scholar, Dr. Clayborne Carson, hosted by the US Embassy.

The campus also worked closely with colleagues in the Mona School of Business and Management to facilitate the hosting of two international conferences during the year:

1. The International Tourism conference in November of 2014, and
2. The first International Conference on Business and Management in January 2015.

On May 1, Mr. Patrick Prendergast took over the reins as Acting Director of the Campus following the assignment of Dr. Luz Longsworth as Acting Principal at the UWI Open Campus.

**PAPERS PRESENTED**

**Conference Papers**

CONFERENCE PRESENTATIONS


PUBLICATIONS

Refereed Journal Articles


2014–2015 OUTREACH ACTIVITIES AT WJC

- The campus hosted another successful two-day Open House in January 2015 which saw nearly 2000 students attending CAPE lectures and viewing exhibitions from all Faculties at UWI Mona. This continues to be a signature event in the WJC’s annual outreach calendar.
- Through collaboration with Professor Ian Boxill, the UWI Community Film Project initiative sought to offer youth from the Norwood and Canterbury communities a six week film course. Thirteen young persons from both communities completed the programme.
- The Computing Department of the Faculty of Science and Technology
offered a series of Mathematics Workshops across several Western Jamaica-based secondary education institutions, including the Manning’s High school. This programme sought to assist CSEC students in acquiring entry level requirements for UWI and to market the institution to prospective applicants.

• UWI Mona-WJC lecturer, Miss Stascia Gordon of MSBM delivered a special training seminar on budgeting and preparing financial statements for members of the Montego Bay Chamber of Commerce and Industry and others from within the corporate sector.

• The campus also facilitated student visit from the Old Dominion University. A group of 10 students spent a week at the campus where they had an enriching UWI Mona-WJC experience and participated in a project with the Women’s Centre, which was facilitated by Mrs. Verona Henry-Ferguson, Lecturer in UWISON-WJC. From this the coordinators have expressed their willingness to return to WJC in the coming academic year.

• In June 2015, the UWI Mona-WJC partnered with the RuJohn Foundation from California in hosting the Celebrity and Sports Camp for the second time. The camp is an annual event promoted by a Jamaican diaspora group, headed by Mrs. Ingrid Bachelor. WJC Guild members and past beneficiaries of the Foundation’s multimillion dollar scholarship programme were active mentors and administrative leaders helping to make the event a success.

• The UWI Mona-WJC Guild of Students also collaborated with private sector partners in hosting the UWI Kids Summer Camp at the campus from July 17–21. Over 400 students participated in the 5-day camp which exposed children from mainly inner-city Montego Bay communities to various social, sports and cultural activities.

• The UWI Mona-WJC was also pleased to host an evening of the prestigious GATTFEST on Friday July 24th featuring 15 films. This was the first time that the Film Festival had moved outside of Kingston. The People’s Choice award was won by Ms. Marsha James of Canterbury who was a participant in the first cohort trained by the UWI Community Film project at the WJC.
INCOME GENERATION

As the UWI Mona-WJC seeks to assist its students in funding their education, the institution has also been pursuing several avenues in order to generate income. These include:

• A partnership with the Secrets Resort and Spa to offer Level 1 Spanish classes to its employees.
• Rental of the UWI, Mona-WJC facilities as a venue.

Student Financial Assistance

The UWI Mona-WJC has made it a priority to assist its students in overcoming the financial challenges consequent on their pursuit of tertiary education. This is a strategic attempt at both increasing and sustaining students’ chances of enrollment at the institution. With this mandate, the campus has been successful in:

• Negotiations with the Board of Directors of the Doctor’s Cave Beach Club to establish the Emile Martin Foundation Scholarship to be made available to students in pursuit of at least a minor in Cultural Studies. The scholarship offers coverage of full tuition for the three year duration of the course.
• The National Health Fund providing assistance to five students enrolled in the nursing programme, amounting to a total of JMD one million.
• Collaborating with the MoBay City Run Committee for the second staging of its “Running for Education . . . Hope for the Future” 5K/10k/Run/Walk which has afforded the UWI Mona-WJC to offer approximately J$1.1 million in student assistance.
• The continuation of the MAICAN IMPACT Foundation scholarship award of CAD2500 to a student enrolled in the BSc Nursing programme. This year’s awardee was Francine Leslie.

The establishment of the WJC Ambassadorial Scholarship Fund with an initial funding of JAD392, 000.
PUBLIC SERVICE

The UWI Mona-WJC continues to be a member of the Montego Bay Chamber of Commerce and Industry. The Campus Director, Mr. Patrick Prendergast currently holds a seat on the Board of Directors of the Chamber with responsibility for Youth, Sports and Culture. Membership in the Chamber strengthens the campus’ effort in collaborating with corporate entities of Montego Bay and positioning the University as lead educational institution in the overall development of the region.

STUDENT AWARDS

The UWI Mona – Western Jamaica Campus remains committed not only to the academic development of our students but also to their personal and professional enrichment. The OSSD Student Mentorship and Guild Mentorship Programmes have played a significant role in the coaching of WJC students as they prepare to make their mark in society.

One of our students, Guild President Aubrey Stewart, is a part of this mentorship programme. He received the UWI Student Premier Leadership Award. He was also given the distinct honour of introducing President Barack Obama during his Town Hall meeting at the UWI Mona in April 2015.

SUMMARY

The UWI Mona – Western Jamaica Campus continues to grow and to play its role in furthering the UWI’s mission in the Western part of Jamaica. The close partnership with the business and civil society in St James and other western parishes has positioned the campus as a genuine partner in the development of the city as well as strengthening the UWI tradition of excellence. We are a vibrant and growing intellectual space for meaningful exploration of thoughts and ideas and finding solutions to the problems of the society in which the University must operate.

With the imminent expansion of the campus, the UWI Mona – WJC will continue to increase its academic offerings. The thrust is towards new and unique areas of growth and providing leadership and support for the development of higher education and training in Western Jamaica.