

THE LIBRARY

MONA

Year ending July 31, 2006



Norma Amenu-Kpodo, BA *Sask*, BLS *Tor* – Campus Librarian

Overview

The year under review started off on an auspicious note as major rains coincided with roof repairs and caused flooding in the technical services areas. This resulted in disruptions which saw the relocation of the Acquisitions and Cataloguing sections to the World Bank Caribbean Public Information Centre and the Cataloguing Section to the Academic Staff Room and to the West Indies and Special Collections for the period August 2005 to January 2006. Only minimal work could be carried out as lack of some tools and facilities, space, movement of materials to various locations and general coordination of the Sections resulted in lower production. The number of Student Assistants that were employed was also adversely affected by these developments.

Despite this setback and some resource constraints, the Library managed to achieve many of the targets that had been set and, except in a few areas where lack of staffing presented a challenge, had a creditable record for the period. Among notable and far reaching achievements was the creation of the **Mona Online Research Database (MORD)** which, for the first time, made Campus research for the period 1993-2005 available globally through the internet. This resulted from collaboration with Mona Information Technology Services (MITS) and Human Resource Management Division (HRMD). It also published **Research for Development - volume 3, 2002-2005** which, along MORD was launched on Research Day, 2006.

Highlights

Among the highlights were the following:

- Introduction of Fast track service for postgraduate students
- New cash management procedure introduced as a result of Management Audit

- Improved access to electronic resources with subscriptions to the JSTOR database and Net Library e-books.
- Launching of the web-based Mona Online Research Database to make research globally accessible.
- Publication of Research for Development Volume 3, 2002-2005
- Funding of the first visit of the Distance Librarian to the University Centres in Bahamas and Belize
- Significant increase by 21,716 in visits made to the Library
- Organisation of three major workshops
- Receipt of prestigious award by CARDIN

Targets

For the coming year emphasis will be placed on:

- Full implementation of all modules of ALEPH – the New Integrated System
- Seeking to increase funding base for ongoing development of facilities and services
- Strengthening the AV collection to support teaching programmes
- Acquisition of key Scientific databases – Scifinder and, IEEE
- Increasing the number of students offered IL training courses by including DE and BSc Nursing students
- Acquiring more RBC texts for undergraduate and postgraduate students
- Adding higher portion of unpublished research on the Mona Online Research

WORK OF THE DEPARTMENT

The Library consists of the Main Library and the Science and Medical Branch Libraries and the reports from the various sections are given below:

Acquisitions

A total of 361 new titles and 707 volumes of West Indian material in the print format were acquired. This compares to 750 titles and 1306 volumes for the previous year. Some significant non-print material was purchased viz. The House of Commons Sessional Papers 1852 – 1856; The Richard Hart Collection and two sets of Estate Papers dating from 1784 – 1793 and 1739 –1769 respectively.

There was no significant increase in the collection due to the disruptions described above, as well as a lack of funds. Below is a summary of the books accessioned during the year.

2005/06		2004/05		2003/04		2002/03		2001/02	
NT	Vols.	NT	Vols.	NT	Vols.	NT	Vols.	NT	Vols.
2544	3846	2798	4330	4546	6858	5486	8130	4826	8197

However, a major milestone was reached with the addition of a number of electronic books to the collection, viz, 32 reference books and 3398 textbooks.

Gifts

Gifts accounted for a high proportion of the material added to the collection. Of the total of 3846 volumes added, 1908 were gifts. Some of the larger donations came from the Brazilian Embassy, Mr. Samuel Bandara, Mrs. Judy Rao and Father Jim Webb. Professor John Rickford of Stanford University made a donation of several linguistics books as a follow-up to his assessment of the Department of Languages, Linguistics and Philosophy. A handing- over ceremony was arranged for this latter donation.

The Library received a gift of \$5000 from the Vice Chancellor which was used to acquire microfilm of the Richard Hart Collection and to replace British Sessional Papers which were lost in the Hurricane Ivan Flood 2004. Two lists of desiderata were prepared in response to offers of material – one from the **Research Institute for the Study of Man** and the other from the **Department of Modern Languages and Literatures**.

THE BINDERY

The Bindery continued to make improvements in its operations. Every effort was made to continue the focus on a customer-service driven environment by completing requests for text in the shortest possible time

and facilitating the smooth transaction between Units and Sections. In addition, the book repair process introduced last year significantly aided the number of items returned to circulation in a much shorter time than it had previously taken.

CATALOGUING

Cataloguing and OPAC Enhancement

The cataloguing output was drastically reduced this year for reasons outlined earlier. Only 2584 monographic volumes were processed compared to 3670 last year. In addition, 32 electronic resources were also added to the OPAC. Statistics provided by the Systems Unit show that bibliographic records on the OPAC now stands at 212,215, up from 205,502 at the end of July 2005, while 293,043 items now exist.

Retrospective Conversion

The retrospective conversion exercise continued. To date, the bar-coding of materials in both the Science and Medical Libraries has been completed. In the Medical Library, approximately 95% conversion of the items has been completed, while conversion in the Science Library is at 85%. Conversion “on the fly” continues for the circulating materials from the open shelf in the Main Library.

Distance Library Services

The Unit realized an increase in the number of students exposed to information literacy instruction at the UWIDEC sites by partnering with the coordinator of the FD10A courses (for Distance students). The schedule of the information literacy classes was posted in the learning management system, Moodle, and students were instructed to attend. The attendance at the sites increased by about 50%. The coordinator and the Distance Librarian have agreed to continue working together as feedback from the students was positive, and improvements were observed in the way students cited reference materials.

For the first time, facilities were put in place for the Distance Librarian to travel to the School of Continuing Studies (SCS) - Belize and the Bahamas, between February 16 and 22, 2006, for the purpose of conducting information literacy classes for students in the Masters and Bachelors programmes facilitated by UWIDEC. However, students in School of Continuing studies courses were also allowed to attend the sessions and

expressed great appreciation for the information they received.

Government Serials

Online Government Documents

So as to enhance access to government documents, the Section began compiling links to government sites which will likely be of interest to researchers of government information.

Usage by all categories of users declined significantly. This could be attributed to the fact that much government statistical information is available on the Internet and easy access to many United Nations publications and data via the Internet.

Loans and Reference

Cash Management

In response to a management audit recommendation that the library streamline its cash collection, at cash collection points, new procedures were developed and have been in operation in the Main Library since May 2006. Although these procedures facilitate accountability, they are very time consuming and have affected services at the Circulation Desk. Efforts are being made to explore more efficient electronic solutions either through new modules of the new integrated library system or through initiatives being pursued by the University Bursary

Electronic Resources

Students increasingly depend on the Internet and technology for learning and communication and over the last eight years or more the library has provided access to electronic journals and databases. This year the library introduced access to e-books through a subscription to OCLC Net Library which provides access to 32 electronic reference books and over 3398 e-books. It continued to explore the possibility of increased provision of digitized material for items on students' reading lists. However a survey of costing to gain copyright clearance for items of interest resulted in a decision to put the matter on hold at this time

Exhibitions

During the year there was a busy schedule of exhibitions. Of the 21 which were mounted in the Loan and Reference area, five were significant titles. These were: Tourism, and a series honouring Professor Barry Chevannes,

The Most Honourable Hugh Lawson Shearer, His Excellency Professor Kenneth Hall and the Honourable Dr Richard Hart.

Circulation Statistics

Annual statistics show that the number of visits to the Main Library increased by 22,716 (from 300,843 in 2005 to 323,569 in 2006). This could be explained by the increase in the student intake. The busiest month, November, saw the combined total of persons entering the Library and Overnight Reading Room was 52,147 i.e. an average of 2000 person daily. The increase in library traffic was also reflected in the increase of 4,300 loans. Despite the increases in traffic, with the use of stanchions which were received as a gift from the Bank of Nova Scotia, there was a noticeable lessening of congestion at the Circulation Desk.

VISTAS

VISTAS continued to provide a welcoming space in the Library for our visually impaired users which numbered 8 of the 18 special needs students. Once again the facility was used for examination sessions.

Mona Information Literacy Unit (MILU)

On Friday November 4, 2005, Professor Velma Newton, Law Librarian (Cave Hill Campus) conducted a training session on Online Legal Resources: *“Locating materials for legal research in the Commonwealth Caribbean.”* Eighteen undergraduate law students attended. Professor Newton demonstrated searches using the CARILAW database.

Thesis Scrutiny Report

Over 20 theses received by MILU were dispatched to Liaison Librarians for scrutiny. Librarians reported that the majority of postgraduate candidates do not follow consistently the citation style recommended for their Faculty. As a result of a follow meeting with the Office of Graduate Studies efforts will be made by MILU to work directly with Deans and other faculty members and through Library representatives to Faculty Boards to offer assistance in improving the information Literacy skills of Post Graduates

Summer Information Literacy High School Project

A very successful workshop at the end of the year, *“Learning for Life: Information Skills for Today and Tomorrow”* sought to increase information literacy skills among high school students and improve research readiness among incoming UWI Mona students. Twenty-three students, from twelve schools in Kingston and the rural areas and two teachers were invited to attend the sessions. The workshop provided hands-on experience in analyzing an information need and identifying, locating, evaluating and using information resources to fill the need.

MILU Statistics

The number of students reached by MILU increased this academic year. Below are summary statistics:

In the academic Year 2002 – 2003 over 310 sessions were delivered to approximately 3,600 users. This year, over 160 sessions (tours, subject-oriented sessions and foundation-course modules) were held. The sessions, totaling approximately 252 hours, were delivered to over 5,093 users. Faculty gave positive feedback regarding the MILU teaching programme.

Medical Library

The Medical Library continued its drive to improve access to health science information, maintain and update internet resources linked to the curriculum and improve staff performance.

It also endeavoured to have in the holdings, all the printed and electronic format copies of items listed in MEDCARIB and exceeded the 300 target set up to physically identify these items.

A draft compilation of **Guidelines for locating journal articles without cost for the use of faculty** was produced and this was well received. In addition, it organized a MEDLINE training course with emphasis on searching, in an effort to improve staff helpfulness to patrons. Staff also received training in better use of Excel spreadsheets to maintain and produce statistics.

Periodicals Section

Databases

The highlight of the year was the acquisition of two new databases - Web of Science and JSTOR. These databases were acquired through funding support recommended by the Strategic Transformation Team. The

amount allocated for databases acquisitions was J\$2,620,000.00; the expenditure for the two databases was J\$1,963,033.46 which resulted in a surplus of J\$656,966.54. These surplus funds will be carried over and will be sufficient to pay the subscription for a second year.

Additionally the acquisition of these two databases was done in conjunction with the other two campuses. This cross-campus co-operation, while not without its own difficulties, resulted in significant savings.

Perhaps the most disappointing and frustrating event of the year was the non-acquisition of SciFinder Scholar due to the lack of funds.

Science Library

During the year under review the collections housed in the basement were again seriously affected by two floodings due to faulty plumbing and clogged drains. Periodicals and books stored in the basement were damaged and replacements will be difficult in the printed format. Some of the roof repair work carried out by maintenance during the year and efforts made to keep drains unclogged should improve this vulnerability to flooding.

Accommodation for Energy Conservation Project

Since January 1, 2006, the Library has been temporarily housing the office of the Energy Conservation Project under the direction of Mr Walling. This is located on the second floor, and it is hoped that their presence will help to encourage a quieter Reading Room and that on their departure the physical structure will be used as a faculty/ postgraduate reading area.

CARDIN Secretariat

Mr. Robert Routh, CUSO volunteer, revamped the Caribbean Disaster Information Network (CARDIN) website during a short assignment to the project. Descriptors were created for the website allowing greater visibility on the internet. With a revamped website, CARDIN now offers an updated newsletter, a “What’s New” section and a country profile page. Mr Routh also further developed **The Caribbean Disaster Virtual Library**. The website of which was posted and later launched in January, by Professor Ronald Young, Dean of the Faculty of Pure and Applied Sciences, as part of Research Day activities. A student assistant assigned

to the project, helped to digitize one hundred and ninety seven documents and convert to portable document format (PDF). All documents are currently available on the world-wide web.

The virtual library currently has 148 records in full text as well as presentations, maps, audio and video clips related specifically to the Caribbean region. It includes a special collection of the Unit for Disaster Studies, (Department of Geography and Geology) and documents from other disaster-related agencies.

CARDIN received the *Albertina Perez de Rosa Information Units Alliances and Collaborative Projects in the Caribbean* award which recognizes and honors the excellent performance of alliance and collaborative efforts of local or regional information units.

Information Literacy

The assignment of a Librarian dedicated to Information Literacy for the community served by the Faculty of Pure and Applied Sciences continues to be heartily welcomed. Two new courses, Research Methods in Science (BL60E) and MSc Computer Science, received Information Literacy sessions for the first time in the year under review.

Greater effort will need to be made to bring other courses on board in the coming year as despite the addition of two new courses, there was a decrease in the number of sessions offered.

Gifts

Gifts were received from Dr Samuel Wray formerly of the Faculty of Pure and Applied Sciences. Professor Emeritus, Ivan Goodbody, formerly of the Department of Life Sciences, again offered much of his personal library, mainly periodical issues, to the Library. Again, as in the previous year, from this gift, the Library was able to fill gaps in holdings from the journal titles donated.

Exhibitions

Four exhibitions were mounted during the year under review. Of particular interest were those mounted by the Jamaica Intellectual Property Office in April on Intellectual Property. An exhibition specifically mounted for Research Day activities focused on the then newly launched Caribbean Disaster Virtual Library was on display from January 26 – February 24, 2006.

Systems

The Systems Section continued to provide technical support for all other services and projects of the Library. A significant project undertaken by the Systems Section was the support for the publication Research for Development Vol. 3 2003-2005, and the subsequent development of the Mona Online Research Database (MORD) in conjunction with MITS.

The main area of focus was the implementation of the Library's New Integrated System, Aleph from ExLibris. After lengthy contract negotiations the contract was finally signed on December 22, 2005. Implementation began in January 2006 with a switch to production date set for January 3, 2007.

Weekly one-hour project management meetings via UWIDITE teleconferences were held between ExLibris, and the campus project coordinators in the Libraries at St Augustine and Cave Hill campuses. A joint UWI initial project meeting was held in Trinidad on May 8 and 9, followed by a conversion and project analysis visits by an ExLibris representative to Mona Campus on May 25 and 26. Three training sessions by staff trainers were held as follows: April 21 and 24, and June 12 to 16. The final training sessions are scheduled for August and September 2006.

The Library acquired Content Dm software to start its digitization projects.

West Indies and Special Collections

Audio-Visual Material for Teaching

There was a large increase in the use of audiovisual material with the introduction of courses in film and the use of film to support teaching, mainly in Faculty of Humanities and Education. The Library did not own most of the items and had to use material on loan from the lecturers. Use was varied. The major portion was students who were required to critique films as part of their *Introduction to Film* course. There was also the *History of the Middle East* course which required that a movie be viewed. In addition, there was one tutorial which was based on a movie. Also, several special loans were made to lecturers who used the movies away from the Library as there was no adequate viewing space for their classes.

For the coming year, the Section will make an effort to acquire both equipment and material to improve this service.

Income Generation

The Bindery

Theses-binding was the activity that generated the most revenue for the past two academic years, followed by the binding of books. The total amount of monies paid to The University's Bursary for the binding of theses in this academic year (sent from Graduate Studies) is \$389,400. The Library's Accounts Section, also collected \$132,661. The total amount of monies generated in this area would be \$422,061. The amount is slightly less than in the previous year.

The Library received a \$4 million award from the CHASE Fund for improvement of Preservation and Conservation facilities at the Library. The grant is for the purchase of three specialized pieces of equipment- a Foredom bench drill, an adhesive binding machine, and a computerized lettering machine.

The Multifunctional Room

Income from this source shows a decrease in comparison to last year. The amount collected for the period under review is \$227,400.

Project Funding

The Research Fellowship Committee gave \$564,000 in 'New Initiatives' funds for the research project *Mona Online Research Database, Phase 3*.

Some income was also received from the workshops that were organized in Antigua and Jamaica.

PAPERS PRESENTED

Norma Amenu-Kpodo

- "The Library and Quality: Issues for Libraries in Higher Education" – Joint Committee for Tertiary Education General Meeting, Edna Manley College of the Visual and Performing Arts. March 2006.

Verna George

- "The UWI Library's Mona Information Literacy Unit (MILU): Enhancing Academic Learning". 8th CTLPA Conference. Nassau, Bahamas. June 19-23, 2006.

Beverley Lashley

- “Caribbean Disaster Information Network”, XXXVI Conference, Association of Caribbean University, Research and Institutional Libraries (ACURIL), Aruba.
- “Effective and Efficient Internet Search Engines”. Grace Kennedy’s Multifunctional Room, April 13, 2006
- “The Experiences of the Caribbean Disaster Information Network”. American Council of Learned Societies/Social Science Research Council Cuba, March 22-23, 2006.

Faith McKoy-Johnson

- “The UWI Library’s Mona Information Literacy Unit (MILU): Enhancing Academic Learning.” 8th CTLPA Conference, Nassau, Bahamas. June 19-23, 2006.

Evadne McLean (with Stephen Dew)

- “Providing Library Instruction to Distance Learning Students in the 21st Century: Meeting the Current and Changing Needs of a Diverse Community”, Twelfth Off-Campus Library Service Conference. Hyatt Regency at Savannah, Georgia, April 26-28, 2006.

Tereza Richards

- R. Linder (Lübeck), F. Weichert, A. Streng, A. Groh., M. Wagner (Homburg), W. Liese (Marburg), **T. Richards (Kingston)**, M. Diefenbach (Dortmund). “E-Learning exemplified by teaching the blind and severely visually impaired: how to read histological slides.” Paper prepared for the 51st Annual Meeting of the German Society for Computer Sciences, Biometry and Epidemiology in Medicine, Leipzig, Germany, 2006

Frances Salmon

- “Intellectual Property Issues in the Preservation of Cultural Heritage” UNESCO workshop Preservation as a Means of Protecting Caribbean Cultural Heritage. Antigua, Nov. 2005.

Sandra Stubbs

- “Facilitating Free Flow of Information and Access to Knowledge: Current Initiatives at the University of the West Indies, Mona Libraries.” ACURILL XXXVI Conference, May 30, 2006.

- “Jamaica’s Right to Know: Implications of Jamaica’s Access to Information Act for Libraries and Information Professionals.” ACURILL XXXVI Conference, May 31, 2006.

PUBLICATIONS

Leona Bobb-Semple and Rosemarie Runcie

- * “Resources Sharing in Authority Work: International Efforts Regional Realities.” LIAJA Bulletin 2005-2006. (2006): 18-24.
- * **Tameca Thelwell, Faith McKoy Johnson and Frances Salmon.** “Tourism, the Driver of Change in the Jamaican Economy? An Annotated Bibliography of Staff Publications”. Edited by Kenneth P. Hall and Rheima Holding. Kingston: Ian Randle, 2006. 375-409.

Tereza Richards

- * M. Wagner, M. Zamelczyk-Pajewska, C. Landes, H. Sudhoff, J. Kosmider, **T. Richards**, UM Krause, R. Stark, A. Groh, F. Weichert, R. Linder. “Simulating soft data to make soft data applicable to simulation.” In Vivo. 2006 Jan-Feb; 20 (1) : 49-54.

Awards

Mrs. Verna George – Second Place (Poetry), Observer Literary Arts Awards, December 2005. Lesley University Creative Writing Scholar.

PUBLIC SERVICE

Norma Amenu-Kpodo

- Executive Secretary, Commonwealth Library Association
- Executive Member, Library and Information Association of Jamaica (LIAJA)
- Executive Member, Management of Library Associations Section of International Federation of Library Associations
- Member, IFLA National Association Membership Fees Working Group
- Member, University Council of Jamaica Assessment Team Library Association
- Member, UNESCO National Commission for Jamaica, Committee on Information for All

Mrs Enid Brown

- Member, Historical Society of Jamaica

- Member, Social History Project, Dept. of History
- Member, Seminar on the Acquisitions of Latin American Materials (SALALM)

Beverley Lashley

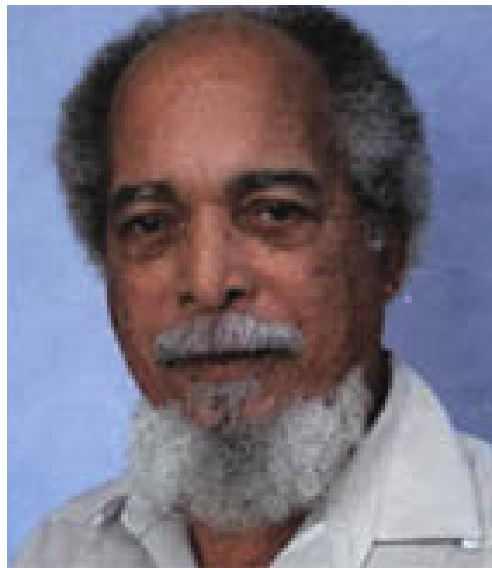
- Member, Public Relations Committee, Jamaica Fulbright Alumni Association
- Member, LIAJA
- Member, UWI Safety and Emergency Management Systems – Liaison Officer 2005 – 2006

Joan Vacianna

- Member, UNESCO World Bank and Copyright Committee.
- Secretary, Jamaican Historical Society

**FACULTY OF HUMANITIES
AND
EDUCATION
MONA**

Year ending July 31, 2006



**Professor Aggrey Brown, CD, BA *Hamline*, MA, PhD *Princeton*
– Dean**

Overview

Introduction

The Faculty's focus during the 2005/2006 academic year was on consolidating initiatives taken to realize the strategic objectives of greater student centeredness and this was in keeping with both the Campus and Faculty's strategic objectives.

Producing Students of Quality:

For the Faculty of Humanities and Education, producing students of quality begins with the recruitment process since it is our collective view that the quality of students who are admitted to the Faculty to a large extent determines the quality of our output. As a result, the faculty continued to be directly involved with the Admissions Section in its annual school visits. Members of academic staff as well as the Faculty's Administrator visited a number of high schools in Jamaica, and in the case of the latter, as well as Belize in an attempt to encourage students to make the Mona Campus their first choice and within the Campus, the Faculty of Humanities and Education.

It was the intention of the Faculty to limit the intake of students for the academic year in keeping with the budgetary constraints. The intake of students was marginally higher than the 2004/2005 academic year. Part of the explanation for this is that the Faculty, in its attempt to recruit the "brightest and the best", innovated by making early firm offers to students whose performance at the CXC level was outstanding. This, on the assumption that they would maintain their performance standards at Advanced and CAPE levels. While based on empirical evidence it is too early to say whether or not this assumption holds, we are confident that our ability to match competing institutions in terms of the time that offers are made to our students contributed to the Faculty being able to recruit more of the "brightest and the best".

The Faculty also continued to pay increasing attention to the student advising function by, among other things, recruiting six (6) senior students to assist during registration week. This turned out to be an appreciated innovation especially by new students confronting what for them initially is a most perplexing and confusing process. While we have not yet achieved the level of responsiveness that we would wish, the Faculty also continued to provide students at departmental level with personal advisors. Students however have not been as eager to take advantage of this service as we would wish and it is an area that we believe will need further intervention on the part of Faculty members as well as the student leadership for the advisory function to work as efficiently and to be as useful to our students as we would wish.

In producing students of quality, the Faculty also continued to maintain its teaching standards as measured by the students' evaluations. The average mean score for lecturers was set from the 2002/2003 academic year at '4' on a 5-point scale. For the year under review, the average mean score across the Faculty was 4.1.

Out of classroom activities also played an important role in the Faculty's attempt to consolidate efforts at producing students of quality. In this connection, CARIMAC, the Department of Language, Linguistics and Philosophy and the Department of Educational Studies stand out. They all continued to provide students with meaningful practical experiences in their various fields. In the case of CARIMAC, requiring all students to undertake an internship in a media house comprising at least 75 hours – this across all media specializations.

The Department of Language, Linguistics and Philosophy continued to make a field trip experience to Guyana available to its senior students, providing them not only with the opportunity to experience at a very practical level, the significance of their theoretical knowledge but also providing them with an opportunity to experience the culture and live in a sister Caribbean country.

While a number of students in the Department of Educational Studies, especially those entering from Teachers' Colleges, are critical of the teaching practice experience demanded of them, the majority of students find the experience useful. However, based on feedback from a number of more mature students, the Department of Educational Studies has committed to undertaking a thorough review of its curriculum during the period leading up to the 2007/2008 academic year with a view to having a new curriculum in place for implementation then.

Responsiveness to Students:

The Department of Educational Studies review exercise was but one example of the Faculty's attempt to be more responsive to the reasonable demands of its students during the year under review. Another example of this was the implementation of the new Liberal Studies Degree which was offered to students for the first time in 2005/2006. This degree was introduced in response to the desire of many students who wished to pursue more than a single discipline at the undergraduate level but who largely do not know with certainty what their career objectives might be. While the number of takers for the degree was not as large as expected, this could be explained by the fact that the degree was not publicized with sufficient lead time for entering students to take advantage of it. We anticipate that the number of students selecting Liberal Studies as an option will increase significantly in the 2006/2008 academic year in keeping with initiatives that will be taken during the recruitment drive to publicize it.

The use of Consultative Committees across departments also contributed to the Faculty's efforts to be more responsive to students during the year under review. This together with frequent consultations between the Students' Guild Representative and the Faculty also contributed to mutual understanding as well as the Faculty's capacity to be more responsive to its students. It must be observed, however, that in this particular, the quality of student leadership (which was outstanding during the year under review) had much to do with the Faculty's capacity to be responsive.

Improved Research Output and Impact

Two (2) major activities were undertaken and realized during the 2005/2006 academic year to improve research output and impact. The first was an Agreement with the Ministry of Education, Youth and Culture of Jamaica to collaborate on the development of a research agenda as well as on the undertaking of research by postgraduate students in the School of Education. An agreement to this effect had been reached in the 2004/2005 academic year at the request of the Minister of Education and the first set of presentations by postgraduate students to members of the academic community as well as the Ministry of Education, Youth and Culture officials was made. The success of this initiative is already evident since the students undertaking the research not only reported their findings to Ministry personnel who have inputs into the policy making process but also will impact the process directly since the students are

themselves Ministry personnel who will be returning to their substantive posts following graduation. This particular initiative is likely to continue for some time since the research agenda developed between the Ministry and the School of Education was quite substantial and will take some time to be exhausted by researchers.

The second major initiative was completion of Guidelines for assessment and promotions of academics in the Faculty. The process for developing the Guidelines was started in the 2003/2004 academic year and brought to a point of a satisfactory draft during the year under review. While some additional work will need to be done to hone the guidelines, it is hoped that they will be piloted for use during the 2006/2007 Annual Review.

The development of the Guidelines was in response to the perennial concerns expressed by members of Faculty for more objective criteria to be used in the assessment and promotions process. These concerns were collectively shared by the Faculty and we are satisfied that with further honing, they will in the short run effectively satisfy and address the concerns for greater transparency and even-handedness in the assessment process.

Process Improvement and Efficiency

Among the initiatives that were further consolidated during the 2005/2006 academic year with a view to consolidating efficiency gains made in administration processes were:

- 1) The work of the Faculty's Quality Assurance Committee headed by a Deputy Dean
- 2) The Annual Retreat of Heads of Department of the Faculty
- 3) The Structure of Faculty Board Meetings
- 4) The Appointment of Associate Deans

One of the responsibilities delegated to one of the Deputy Deans has been that of quality assurance. All new undergraduate courses, programmes and examiners reports are reviewed and assessed by the Faculty's Quality Assurance Committee. The Committee, whose membership is comprised of a representative from each department, continued to meet on an as needs basis, undertaking careful review and scrutiny of all new undergraduate courses and programmes prior to submission to Faculty Board for ratification. This has resulted in improvement both in the quality of new courses and programmes as well as the freeing-up of time in

Faculty Board meetings for other purposes. More than half the time in Faculty Board meetings is now spent on discussion of substantive policy matters as well as intellectual activities such as presentations to the Faculty by colleagues of research work being undertaken at both individual and departmental levels.

Efficiency gains were also achieved during the 2005/2006 academic year with the appointment of two (2) Associate Deans of the Faculty – one with responsibilities for postgraduate matters in the School of Education and one with responsibilities for undergraduate matters in the School of Education. These appointments have already resulted in improved efficiencies in the operations of the Faculty, some of which have resulted in positive comments from students.

Marketing and Outreach

This report has already made reference to voluntary efforts of members of the academic staff to assist in the recruitment process of students to the Faculty in collaboration with the Admissions Section as one aspect of marketing and outreach work of the Faculty.

During the year under review, Faculty members were also integrally involved in the work of the Caribbean Examinations Council in virtually all of the humanities disciplines examined by the Council, either as Chief Examiners or members of subject discipline teams. A number of more high profile members of the Faculty was also involved in other public service activities such as membership of various government boards as well as undertaking public lectures nationally and regionally. Reference will be made to this in individual departmental reports. Members of the Faculty also participated in the Public Relations Office's monthly slot on one of the country's major national radio services.

CARIBBEAN INSTITUTE OF MEDIA AND COMMUNICATION

Drs., Marjan de Bruin *University of Amsterdam* – Director

WORK OF THE DEPARTMENT



Drs. Marjan de Bruin continued to provide leadership in the third year of her appointment as Director of the Caribbean Institute of Media and Communication – CARIMAC. This year was another challenging but satisfying year for the Institute. One of the major developments was the commissioning of a Business and Development Plan to guide the Institute's transition to a School of Media and Communication. Funding from Mona's Strategic Transformation Team allowed for the hiring of a consultant to synthesize CARIMAC's various planned initiatives into a comprehensive plan, through extensive interviews with industry stakeholders, review of comparable institutions and an analysis of market needs and opportunities.

The plan incorporates the overhaul and extension of CARIMAC's undergraduate, graduate and outreach programmes; the creation of two new industry-facing Centres; the development of a line of multimedia resources; the creation of a new marketing initiative to improve CARIMAC's relationship with its key stakeholders; and the expansion of the physical infrastructure and increases in the human resources required to pursue the opportunities described.

The explosive growth in the industry, regionally and globally, has created new opportunities and challenges. The number of graduates the industry demands and the range of skills required is at an all time high. Demand for short-term education and training opportunities for in-service personnel is equally so.

Against this background CARIMAC has streamlined its outreach offerings through two structures: the **Caribbean Centre for Excellence in Media (CCEM)** connected to the various outreach programmes in journalism

and media production, and the **Caribbean Centre for Communication for Development (CCCD)**, connected to the range of interventions and consultancies in the area of communication for development. The Centres were approved by UWI in May 2006.

TEACHING PROGRAMMES

CARIMAC offers undergraduate, graduate and a range of extra-curricular programmes.

Undergraduate programme:

In the 2005/2006 Academic Year the Institute had 240 BA students and 10 Diploma students; it offered 53 courses, relied on 6 members of staff and 41 part-time lecturers. In addition we taught one course with over 90 students for the Department of Management Studies.

CARIMAC accepted 85 students out of a total of approximately 500 candidates who sat the entrance test. To improve the quality of CARIMAC's intake, the entrance test has been revised to test the applicants' language skills, comprehension, critical thinking, design sense and general knowledge. Once again the big challenge was the inability of the majority of the applicants to communicate effectively in writing.

In the BA programmes this year, two courses were overhauled; 9 new courses were approved, for financial reasons only 3 were offered, starting September 2005.

BA programme – Internships:

CARIMAC, over the years, has been increasing the number of hours for students spent on internships. Level II students from the six technique areas were attached to 51 organizations in Jamaica, Trinidad and Tobago, Barbados, St. Vincent, Dominica, the United States, and the United Kingdom. The attachments were for a period of at least one month during the summer break 2005; similar attachments will be organized for students to be taken during the summer break 2006. Evaluation reports from the companies on the interns have been generally positive. The students were described as having displayed a very high level of technical skills. The media have also been positive about the writing skills of the students, as displayed in their production of broadcast scripts. The students who interned at the *Gleaner* and the *Observer* had many of their stories published some of them as lead stories. The feedback from the various supervisors

was also encouraging and it is expected that some students will find full-time jobs as a result of their performance on internship.

Students' presentation skills during the attachments have received mixed reviews, based mainly on ingrained problems in enunciation and pronunciation. We know from employer's surveys that this is a university-wide problem.

One weak area identified by radio stations has been in the creation of content. CARIMAC is addressing this by requiring students to be more aware of current affairs so that they can deepen their knowledge, develop analytical skills and critical thinking, improving their ability to create content for broadcast.

Masters programmes:

In January 2006 we accepted the third cohort in Communication for Social and Behaviour Change: 30. The total enrollment in the taught MA programmes: 96. MPhil/PhD: 9 students are registered. The Masters programmes benefited from a one month guest lectureship by Mr. Roderick Sanatan, senior lecturer at Cave Hill and ICT specialist.

Dr. Carr joined the staff on a self-financed position with special responsibilities for the academic coordination of CARIMAC's Graduate Programmes Unit, succeeding Dr. Nancy Muturi who left for family reasons.

Both taught Masters programmes were revised; several courses were renewed.

Outreach programmes Teaching and Training:

CARIMAC's outreach work involves teaching and training in the UWI 12.

During the Academic Year 2005/2006 the Institute worked with the following agencies and groups:

- OECS: Advocacy workshops with 9 OECS countries on Communication Strategies and Local Sustainable Development
- Association of Caribbean Media Workers: journalism workshops in St. Lucia and Grenada
- CARICOM's CSME desk in Barbados: Journalism workshops on CSME and new trade agreements

- Professional associations: Journalism workshops in Antigua and St. Maarten
- The government of the British Virgin Islands: media relations skills needs assessment for government agencies
- Professional association St. Kitts: A needs assessment for journalists in St. Kitts, anticipating Cricket World Cup in 2007
- Trinidad and Tobago – the Ministry of Social Transformation: one week training in Social Marketing
- Bernard van Leer Foundation: training Jamaican inner city youth in the use of video
- Caribbean Security Chiefs Workshop, Twickenham Park, Spanish Town, Jamaica.

PRODUCT DEVELOPMENT

Product Development:

CARIMAC was commissioned to produce:

- A Manual for Communication Planning for the Organisation of Eastern Caribbean States (OECS), sponsored by CIDA/OECS.
- An Instructional video on the quality of media coverage of violence in Jamaica, sponsored by UNESCO.
- An interactive CD ROM for newsrooms on how to improve coverage of violence (in development, sponsored by UNESCO.
- A video on parenting skills of parents in selected inner city communities, sponsored by the Bernard van Leer Foundation.

INFRASTRUCTURE

The lack of adequate office and teaching space has been a challenge for years; the Institute's current building was designed for 30 students (our current enrollment is over 300 students). SIT funding allowed CARIMAC to partially alleviate these space challenges. The Institute constructed seven additional staff offices, all of which were occupied within one week. Six offices have been assigned to income generating activities, including special projects and the Institute's Master's programmes.

The Institute is also working on securing architectural drawings by Mr. V. McMorris, the original CARIMAC architect, for the planned physical expansion. The expansion is scheduled to take place in three phases of US\$700,000 each. The drawings will be sent for approval by the University's committees before the end of the calendar year.

INCOME EARNING and FUNDRAISING

- March 2006: World Association of Christian Communi- cation (WACC) **Euro 19,500** - *HIV/AIDS and Faith Based Organizations*. Training and interventions for change. (Nancy Muturi)
- January 2006: PAHO/CPC **US\$30,000** – A Content Analysis of the coverage of health in the media in Antigua and Barbuda, Bahamas, Barbados, Jamaica, Trinidad and Tobago along with a survey on the health information-seeking habits of audiences in each country. (Livingston White)
- October 2005: OECS **US\$29,500** – Advocacy training (2 workshops) and production of manual for 9 OECS countries (Marjan de Bruin and CARIMAC team)
- November 2005: UNESCO **US\$9,500** – *Violence in the Media*. An instructional video and a multi-media interactive CD ROM. (Marjan de Bruin)
- August 2005: UNESCO: digital and delivery of e-courses (together with UWIDEC) **US\$27,680**. (Marjan de Bruin)
- July/August 2005: Bernard van Leer Foundation **US\$ 29,000** – Video training for Kingston's inner city youth (Rose Town, Bennett Lands, Greenwich Town and Whitfield Town. (Yvette Rowe)
- August 2005: Bernard van Leer Foundation **US\$6,000** – Communication Development Strategy for Caribbean Research Initiative. (Livingston White)
- Yearly: from Jamaica National **Ja\$200,000 – 300,000**

PAPERS PRESENTED

Bruin de, Marjan

- 'Forces in Policy Formation in Relation to HIV/AIDS and Behaviour Change in the Caribbean'. International Association of Media and Communication Research (IAMCR), American University Cairo, Egypt. July 24-29, 2006
- 'Perspectives on Media and Communications in Development – Communication and HIV/AIDS'. International Association of Media and Communication Research (IAMCR) American University Cairo, Egypt.), July 24-29, 2006
- 'Mass media systems in a Changing Caribbean'. 31st Conference of the Caribbean Studies Association (CSA), Crown Plaza Hotel, Trinidad and Tobago. May 29th - June 2
- 'Communication and Behaviour Change, as Defined by Caribbean Policy Makers; the need for a more comprehensive approach in scope and partnerships'. 3rd Scientific and Business Meeting of the University of the West Indies' HIV/AIDS Response programme. Sherbourne Conference Centre, Barbados. May 6, 2006
- 'Journalism Training in the Caribbean Whose agenda? Whose again? Whose responsibility?' 2006 World Press Freedom Day, Caribbean Observance, Barbados, May 2 – 3, 2006
- 'Adolescents' Sexual Behaviour'. 16th Annual Evaluation and Planning Review. Jamaican Grande, Ocho Rios. Ministry of Health, National HIV/STI. Prevention & Control Programme, sponsored by USAID, Kingston, Jamaica. December 7-9, 2005
- 'A Reflection of Position and Role of Media and Journalism in the English-speaking Caribbean'. Regional Conference: A Caribbean Agenda for the Democratization of Communication. Paramaribo, Suriname. September 15 – 18, 2005

Carr, Robert

- 'Opportunity in crisis: Notes on the Caribbean HIV pandemic and the reconstitution of communication for development'. International Association for Media and Communication Research (IAMCR) 25 Conference and General Assembly, Cairo, Egypt
- – with Ian McKnight, 'Reaching youth from vulnerable populations in Jamaica: an innovative pilot programme for young

MSM'. Poster Presentation, AIDS 2006 XVI International AIDS Conference, Toronto, Canada

- – with McKnight, Ian, 'Using chat technology for leadership support and development: a Caribbean case study'. Poster Presentation, AIDS 2006 XVI International AIDS Conference, Toronto, Canada
- – with McKnight, Ian, 'Fulcrums for Change: Building a Human Rights Response for MSM in Jamaica through Civil Society Coalitions'. Poster Exhibition, AIDS 2006 XVI International AIDS Conference, Toronto, Canada
- 'HIV and Human Rights'. Caribbean Vulnerable Communities Coalition First Annual General Meeting, Kingston, Jamaica. March 9, 2006
- 'Structural Vulnerability and HIV'. Pan Caribbean Partnership Against HIV/AIDS (PANCAP) Law, Ethics and Human Rights Training for Legal Aid Providers, Kingstown, St. Vincent. February 1, 2006

James, Canute:

- 'Reporting Education: The Caribbean Journalist and UNESCO's EFA Initiative'. ACM/UNESCO Journalism Workshop on Covering the Millennium Goals. Castries, St Lucia. February 14 - 15, 2006
- 'Wanted: A New Caribbean Business Journalist'. Trinidad and Tobago Unit Trust Seminar for Business Journalists. Port of Spain, Trinidad. November 24, 2005

PUBLICATIONS

Refereed:

Bruin de, Marjan

- * Gender and professional identity among Caribbean journalists, in: Susanna Hornig Priest (2005), Impact, Designing Research That Matters. Rowman & Littlefield Publishers, Oxford, Toronto. Pp. 69-83

Carr, Robert

- * (with J. Peter Figueroa, and Peter Carr), The Health Response to the HIV Pandemic: The Case of Jamaica, in: Beck, E.J, Mays N, Whiteside A, Zuniga J.M, eds. (2006) The HIV Pandemic: local and global implications. Oxford: Oxford University Press. Pp. 400-415

Prendergast, Patrick

- * 'Bringing the male voice to the gender agenda: The task of male organizations in the Caribbean,' in Heron, T and Nicholson H. *Unraveling gender, development and civil society in the Caribbean, Caribbean Quarterly* Vol. 52, Nos, 2 & 3 (June – Sept. 2006)

Non-refereed

de Bruin, Marjan

- * 'Blind Spots and Wasted Effort in Caribbean HIV AIDS Policy Making: Communication and Behaviour Change.' *Glocal Times*, (Globala Tider) Electronic Academic Journal. University of Malmo (<http://www.glocaltimes.k3.mah.se/>) (2006)

James, Canute

- * 'Crime in the Caribbean: Reform and Progress,' in Jacqueline West, 2005, South America, Central America and the Caribbean 2006. Routledge Exeter. Pp. 13 – 16.
- * 'Trinidad's Grand Investment Programme Under Threat.' *Financial Times of London*. May 25, 2006. Page 4
- * 'Bahamas Indecision Prompts Suez to Choose the Offshore LNG Option.' *International Gas Report*. No 548. May 5, 2006. London. Page 23-28
- * 'Caribbean Cane Producers Turn to Ethanol.' *Financial Times of London*. May 2, 2006. Page 12
- * 'Has Trinidad and Tobago Enough Gas?' *International Gas Report*. February 24, 2006. London. Page 4 – 8
- * 'Battle Behind the Steel Drums.' *Financial Times of London*. February 21, 2006. Page 4

PUBLIC SERVICE

Corinne Barnes

- Member, Access to Information Act Committee

Marjan de Bruin

- Chair, 2005 National Awards of the Public Relations Society of Jamaica (PRSJ)
- Member, Board of Women's Media Watch
- Deputy Chair, UWI HARP Mona
- Member, UWI Mona Campus Deputy Principal's Committee for Wellness
- Member, CARICOM's Regional Technical Working Group on Stigma and Discrimination
- Member, CARICOM/PANCAP's Technical Working Group on developing a regional communication strategy for PANCAP
- Member, International Council of the International Association for Media and Communication Research (IAMCR)

Robert Carr

- Chair, Social Integration Team, Jamaica Social Policy Evaluation Project, Office of the Prime Minister, Government of Jamaica.
- Member, Care and Counseling Sub-Committee, National AIDS Committee
- Co-Chair, Board, Caribbean Vulnerable Communities Coalition
- Member, Caribbean Community Review Panel, Collaborative Fund for HIV Treatment Preparedness
- Member, Project Management Committee, Law, Ethics and Human Rights Project of the Pan-Caribbean Partnership Against AIDS (PANCAP)
- Member, Working Group on United Nations Fund for Women (UNIFEM) Project on Mainstreaming Gender into HIV/AIDS Programming in the Caribbean
- Board Member, Canadian HIV/AIDS Legal Network

Canute James

- Executive Member, Association of Caribbean Media Workers.

Patrick Prendergast

- CARIMAC Representative, National Environmental Education Committee (NEEC) and sub-committees on education and communication
- Treasurer, CARIMAC Alumni Association
- Board Chairman, Essex Hall All Age School

Livingston White

- Member, Planning Committee, The Jamaica Advertising Council
- Secretary, Fulbright Alumni Association of Jamaica

DEPARTMENT OF HISTORY & ARCHAEOLOGY

Swithin Wilmot, BA *UWI*, DPhil *Oxf* – Head of Department

WORK OF THE DEPARTMENT

Quality Assurance



The main targets achieved were changes in the structure of the History Major, the review of courses offered for five years and the preparation of an Action Plan in response to the Report of the Quality Review Team. An additional concentration in Global History, in addition to concentrations in Africa, the Americas, the Caribbean and Europe, was introduced, as well as an additional course in Jamaican History, **H30M: History of the Jamaican Landscape**. Also an assessment of the

taught Masters Programmes was conducted and appropriate changes effected. Revised outlines were developed and approved for twelve undergraduate courses, and after extensive discussions, the Department formulated its Action Plan for 2006/08.

Archaeology

For two weeks in January 2006, with funding assistance from the Mona Campus Research & Publications Committee, staff and students conducted field work at Taino sites in Fairfield, St. James.

Between January and May 2006, a team of three archaeologists from the Digital Archaeological Archive of Comparative Slavery (DAACS), a Web-based archive fostering comparative archaeological research on slavery at Monticello, Virginia, USA, collaborated with the Department in a project to digitize the Montpelier Collection. The project also involved basic training and exposure in digitizing techniques for UWI archaeology students and members of the team also assisted in teaching archaeology courses. The Archaeology Unit also collaborated with the Archaeological Society of the Jamaica in organizing its fifth Annual Symposium on the

theme, **Redefining the African Jamaican Experience**, held at the Mona Campus on April 20, 2006.

Social History Project (SHP)

The SHP hosted its 7th Symposium on March 18, 2006 and some 26 papers were presented on aspects of one of the following themes, **Landscape and Natural History, Family Gender and Identity, Politics and Resistance, Migration and Trade, Religion, Ritual and Identity and Material Culture: Food, Drink, Pipes and Buttons**. Faculty and graduate students at UWI Mona and St. Augustine, as well as from North American universities participated. The SHP's Oral History programme benefited from interviews conducted by graduate students in the *Oral History* course and 2nd year students in the *Text and Testimony* course.

Staff

Dr. Jenny Jemmott (Outstanding Research), Dr. James Robertson (Best Publication- Book) and Dr. Matthew Smith (Best Publication- Article) received Principal's Research Awards in the Faculty of Humanities and Education for Research Day, 2006.

Matthew Smith and Veront Satchell received Andrew Mellon Fellowships and Wigmoor Francis and Jemmy Jemmot, were awarded PhD degrees, the latter with high commendation. Philip Allsworth-Jones, Senior Lecturer in Archaeology, retired.

Professional Outreach

The Department also maintained its public profile in supporting significant events in Jamaica's National Calendar, Black History Month, Emancipation Celebrations and National Heritage Week, as members delivered public lectures, participated in media interviews and panel discussions highlighting one or more of these events. Members also gave several media interviews and/or conducted public lectures, locally or internationally, that covered various aspects of Jamaican history and heritage. Several members of the department conducted CAPE History workshops for students and teachers.

Elsa Goveia Memorial Lecture

Professor Nigel Bolland of Colgate University, USA, delivered the 22nd Elsa Goveia Memorial Lecture on March 29, 2006. The topic was "Caribbean Cultures and Identities: Interpreting Garifuna Stories".

CONFERENCE/SEMINAR PAPERS

Sultana Afroz

- “Global Dialogue of Civilizations: Muslim Cultures and Western Cultures in Quest of a Just and Peaceful World” on Issues that Divide and Issues that Unite Muslim Cultures and Western Cultures, Internet Conferences, July – September, 2006, 5pp.
- “Dialogue of Global Civilizations: Muslim Cultures and Western Cultures in Quest of a Just and Peaceful World – the Islamic Perspective”, Extraordinary Summit Meeting of the Organization of Islamic Countries (OIC), held at Makkah, Saudi Arabia, December 4-5, 2005, 28pp.

Roy Augier

- “Teaching Caribbean History in Lycees in Martinique and Guadeloupe”, l’Université des Antilles et de la Guyane Fuliote (FULIOLLE), Martinique, January 10, 2006.
- ‘Writing the UNESCO General History of the Caribbean” Council Regional de Martinique, January 13, 2006.
- ‘Joint Government in the West Indies from the 17th Century to the 20th’, sponsored by UWI Cave Hill and the Barbados Museum, Barbados Central Bank, March 27, 2006.
- ‘The future of the UWI in the Context of the Strategic Transformation of the Mona Campus”, Chemistry Department Workshop, July 17-20, 2006.

Fitzroy Baptiste

- “From ‘Invisibility’ to ‘Visibility’: Africans in India through the Lens of Some Select Sources from the late Classical Period to the late 18th C.E.”, International Conference, “The Siddis of India and The African Diaspora in Asia”, Goa, India, January 9-20, 2006, 61pp.
- “Habshis [Africans] in early 19th C.E. Afghanistan: a Research Note”, International Conference, “The Siddis of India and The African Diaspora in Asia”, Goa, India, January 9-20, 2006, 12 pp.

Jonathan Dalby

- 'Murder in the House: Domestic Homicide in Post-Emancipation Jamaica, 1835-1899'. Conference in Honour of Professor Barry Chevannes, UWI Mona, 21 January 2006, 32pp.
- "“Respectable” Offenders: The Crimes of the Elite in Late Eighteenth and Nineteenth-Century Jamaica, 1770-1899", Department of History and Archaeology Staff/Postgraduate Seminar, UWI, Mona, 24 March 2006, 44pp.

Dave Gosse

- "European Doctors of Early Nineteenth Century Jamaica – Victims or Villains", 38th Annual Conference of the Association of Caribbean Historians, UWI, St Augustine, May 14-21, 2006, 20 pp.
- "Revisiting the Debate on Enslaved Resistance: Lessons from Early Nineteenth Century Jamaica" Conference on Caribbean Migration, Forced or Free, UWI, Mona, June 13, 2006, 15 pp.

Jenny Jemmott

- "The Black Family in Jamaica, 1834-1882". Board of the Faculty of Humanities and Education, UWI, Mona, October 20, 2005, 23 pp.

James Robertson

- 'Incomprehension and Creole Architecture: or on not thinking about Spanish Town'. 30th Conference of the Society for Caribbean Studies, National Archives, London, July 6, 2006, 26 pp.
- "“An Essay Concerning Slavery”: A Mid-Eighteenth-Century Analysis from Jamaica.' Omohundro Institute of Early American History and Culture's Twelfth Annual Conference, Quebec City, June 8, 2006, 18 pp.
- "“The Land of the Spanish Negroes”: African Jamaican landholding in late seventeenth-century Jamaica', Archaeological Society of Jamaica's 5th Symposium, 20 April, 2006. 15 pp.
- 'Finding directions in Spanish Town, Jamaica, 1757-1840.' Department of History & Archaeology, Faculty/Graduate Seminar, 10 March, 2006. 26 pp.

Veront Satchell

- “Colonial Injustice: The Crown vs. Bedwardites, 27 April 1921”, The African-Caribbean Worldview and the Making of Caribbean Society. A Conference to celebrate the work of Professor Barry Chevannes”, UWI, Mona, January 19 – 21, 2006

Matthew Smith

- “Colored Images of a Black Nation: Race, Color and Identity in mid-twentieth century Haiti,” 119th Annual meeting of the American Historical Association, Philadelphia, PA, 6-8 January 2006, 20 pp.
- “From Dessalines to Duvalier Revisited: A Twenty-Five Year Retrospective,” 17th Annual Meeting of the Haitian Studies Association, University of Massachusetts, Boston, MA, 13-15 October, 2005, 20 pp.
- “Bob Marley and the Wailers Live: An Appreciation.” Berklee College of Music, Boston, MA, 14 October 2005, 20 pp.

Waibinte Wariboko

- “Why there is no West Indian Church among the Susus in West Africa today: A Critique of the Pongas Mission and its portrayal of Blackness, 1855-1935”, Department of History and Archaeology Staff/Postgraduate Seminar, UWI, Mona, Octpber 19. 2005. 30pp.
- “The Pongas Mission to West Africa and its portrayal of Blackness, 1855-1935”, Second International Conference of the Transatlantic Research Group, Owerri, Nigeria, July 18-21, 2006, 25pp.

Presentations made at the 7th Social History Project Symposium, Department of History and Archaeology, UWI, Mona Campus, March 18, 2006.

Fitzroy Baptiste

- “The Fight for Catholic Schooling in the Eastern Caribbean with special reference to Trinidad, St. Lucia, Grenada and Dominica: 1838 to the 1990s”, 36pp.

Jonathan Dalby

- ‘Launched into Eternity: Capital Punishment and Hanging in Nineteenth-Century Jamaica.’ 42pp.

Dave Gosse

- “Enslaved Women and the Ethics of Resistance”, 16 pp.

Jenny Jemmott

- “Selfhood through Parenthood: Defining Black Parental Identities through Family-based Activism, 1834-1840”, 16 pp.

Aleric Josephs

- “An Appropriate Pastime: Women’s Records of Natural Life of the Caribbean.”, 27 pp.

James Robertson

- 'Lord Alexander Hamilton's troubled stay in Jamaica, or Creole politics and political principals in English Jamaica's second generation', 16 pp.

Swithin Wilmot

- “George William Gordon’s Political Career: A Re-assessment”, 24pp.

PUBLICATIONS

Refereed Journal Articles

James Robertson

- * “As the John Crow Flies: A Preliminary Survey of Aerial Images of Jamaica”. *Jamaica Journal* 29:3, (2006): 44-53.

Matthew Smith

- * “An Island Among Islands: The Strange Relationship Between Haiti and the Caribbean Community,” *Social and Economic Studies* 54:3 (September 2005): 176-195.

Other Peer Reviewed Publications

Sultana Afroz

- * “Education: Jamaica”, in *Encyclopedia of Women and Islamic Cultures*, Vol. 4, Brill Publishers, 2006, 15-17.

Fitzroy Baptiste

- * “Introduction”, to A.N.R. Robinson, Presidential Papers and Other Essays: Selected Addresses 1960-2003, ed. by Kenneth Ramchand. Trinidad: The School of Continuing Studies, UWI, 2005. 1-40. [with Kenneth Ramchand]
- * “African Elites in India”, in African Elites in India: Habshi Amarat. ed. By Kenneth X. Robbins & John McLeod. Ahmedabad, India: Mapin Publishing Pvt. Ltd., 2006. 12-29.
- * “Africans in the Medieval Deccan”, in African Elites in India: Habshi Amarat. ed. By Kenneth X. Robbins & John McLeod. Ahmedabad, India: Mapin Publishing Pvt. Ltd., 2006. 30-43.
- * “Africans in Medieval North India, Bengal and Gujarat”, in African Elites in India: Habshi Amarat. ed. By Kenneth X. Robbins & John McLeod. Ahmedabad, India: Mapin Publishing Pvt. Ltd., 2006. 124-129.
- * “Ancient Africa: The Europocentric/Afrocentric Debate Revisited”, in Africa and the Academy: Challenging Hegemonic Discourses on Africa, ed. By Gloria T. Emeagwali. Trenton, NJ: Africa World Press, 2006. 31-59.

Dave Gosse

- * In Encyclopedia of African-American Culture and History: The Black Experience in the Americas, 2nd ed. Volume 3. ed. By Colin Palmer. Detroit: Thomson Gale, 2006:
- * “The Jamaica Labor Party”, 2006. 1150-1153.
- * “Robert Lighbourne”, 2006. 1289.
- * “The Hon. Sir Harold Allan, Civic Leader and Politician” 2006. 74-75.

Aleric Josephs

- * “Beautiful & Dangerous: Women’s Depiction of Eighteenth Century Caribbean” in Reinterpreting the Caribbean Historical Experience ed. By Heather Cateau & Rita Pemberton.. Kingston: Ian Randle Pressd, 2006, 50 – 81.
- * “Lilly Mae Burke”, Encyclopedia of African-American Culture and History: The Black Experience in the Americas, 2nd ed. Volume 2. ed. By Colin Palmer. Detroit: Thomson Gale, 2005. 358-359.
- * “Edith Dalton James”, Encyclopedia of African-American Culture and History: The Black Experience in the Americas, 2nd ed. Volume 2. ed. By Colin Palmer. Detroit: Thomson Gale, 2006. 571-572.
- * “Gladys Longbridge-Bustamante”, Encyclopedia of African-American Culture and History: The Black Experience in the Americas, 2nd ed. Volume 2. ed. By Colin Palmer. Detroit: Thomson Gale, 2006. 1338 –1339.
- * “Mary Morris-Knibb”, Encyclopedia of African-American Culture and History: The Black Experience in the Americas, 2nd ed. Volume 2. ed. By Colin Palmer. Detroit: Thomson Gale, 2006. 1485 –1486.

Matthew Smith

- * “Two Hundred Year Old Mountains: Themes and Issues in the Historiography of the Modern French Caribbean,” in *Beyond Fragmentation: Perspectives on Caribbean History* ed. David Trotman et al. (New Jersey: Markus Wiener, 2006), pp.113-140.

Swithin Wilmot

- * “Paul Bogle”, Encyclopedia of African-American Culture and History: The Black Experience in the Americas, 2nd ed. Volume 2. ed. By Colin Palmer. Detroit: Thomson Gale, 2006. 310-311.
- * “Free Villages”, in Encyclopedia of African-American Culture and History: The Black Experience in the Americas, 2nd ed. Volume 2. ed. By Colin Palmer. Detroit: Thomson Gale, 2006. 884-885.
- * “George William Gordon”, Encyclopedia of African-American Culture and History: The Black Experience in the Americas, 2nd

ed. Volume 2. ed. By Colin Palmer. Detroit: Thomson Gale, 2006. 925-926.

- * “Edward Jordon”, Encyclopedia of African-American Culture and History: The Black Experience in the Americas, 2nd ed. Volume 2. ed. By Colin Palmer. Detroit: Thomson Gale, 2006. 1201-1202.

Non-Refereed Articles

Matthew Smith

- * “Emperor, Exiles, and Intrigues: The Case of Nineteenth-century Haitian Heads of State in Jamaica,” *Regional Footprints: The Travels and Travails of Early Caribbean Migrants* Kingston: Latin American and Caribbean Centre, 2006. 341-354.

PUBLIC SERVICE

Sultana Afroz

- Regional Director, World Council of Muslim Interfaith Relations, South America and Caribbean Region
- Member, Advisory Board, Institute of Medieval and Post-Medieval Studies, Arlington, Texas, USA.

Philip Allsworth-Jones

- Member, Executive Committee of the Archaeological Society of Jamaica.
- First Vice-President, Jamaica Historical Society.
- Member, Museums Advisory Board of the Institute of Jamaica.
- Member, Board of Jamaican National Heritage Trust.
- Member, Steering Committee of the Thomas Jefferson Foundation’s Digital Archaeological Archive of Comparative Slavery, Virginia, USA

Roy Augier

- President, International Scientific Committee of the UNESCO General History of the Caribbean.
- Vice Chairman, Teachers Services Commission (Jamaica).

- Member, Editorial Board, *Caribbean Quarterly*
- Member, Editorial Board, *Ideas*
- Member, Schools Examination Committee, Caribbean Examination Council.
- Member, Council, Caribbean Examination Council.
- Member, Council, Institute of Jamaica.
- Member, Board of Governors, St. Michael's Theological College.

Fitzroy Baptiste

- Member, the Editorial Board of *Wadabagei: A Journal of the Caribbean and Its Diasporas*.

Patrick Bryan

- Member, Council, Institute of Jamaica.
- Chairman, Museums Advisory Board, Institute of Jamaica.
- Chief Examiner in Caribbean History (CSEC) for Caribbean Examinations Council.
- President, Jamaican Historical Society.
- Member, Advisory Board, *Journal of Caribbean History*

Jenny Jemmott

- Board member, The Cancer Society of Jamaica

Aleric Josephs

- Board Member, Women's Resource and Outreach Centre.

James Robertson

- Vice President, Jamaica Historical Society
- Board Member, Archaeological Society of Jamaica
- Member, National Archives Committee

Veront Satchell

- Reviews Editor, *Journal of Caribbean History*

- Member, General committee/Board of the Jamaica Church Missionary Society
- Member, Diocesan Youth and Education Board

Waibinte Wariboko

- Member, Board of Directors, African-Caribbean Institute of Jamaica/Jamaica Memory Bank/Liberty Hall
- Member, Jamaica National Committee to Commemorate the Bicentenary of the Abolition of the British Slave Trade

Swithin Wilmot

- Member, Editorial Board, *Journal of Caribbean History*.
- Member, CAPE History Panel, Caribbean Examinations Council.
- Chief Examiner and Chairman, Examining Committee for CXC/CAPE History.
- Member, Advisory Board, Unit for Studies in Biography and Autobiography, La Trobe University, Melbourne, Australia.
- Member, Steering Committee of the Thomas Jefferson Foundation's Digital Archaeological Archive of Comparative Slavery, Virginia, USA
- Member, Board of Governors, Holy Trinity High School.
- Member, Board of Trustees, the Archbishop Samuel Carter Educational Fund

UNDERGRADUATE

Registered

BA	–	601
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Graduated

BA	First Class	–	7
	Upper Second	–	48
	Lower Second	–	55
	Pass	–	4

Graduates**Registered**

MA	–	75
MPhil	–	14
PhD	–	5

Prizes Awarded

Elsa Goveia Prize:	Samantha Moore
Gladwyn Turbutt Prize in European History:	Marsha Lawrence
Gladwyn Turbutt Prize in Archaeology:	Yvette Haughton Reneé Nelson
Gladwyn Turbutt Prize in Atlantic History:	Debbian Livingstone
Gladwyn Turbutt Prize in Historical Methodology:	Chantel Dacosta

ILM-AL-AHSAN Prize:

The Asian World prior to 1600	Shauna-Gay Mitchell
History of Modern China	Callessia Slamon
Modern Japan	Mariama Abdalla
History of the Middle East since 1915	Omar Hawthorne-Parrent

Neville Hall Prize:	Kalisa Greaves André Duhaney
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Walter Rodney Prize:	Audell Thompson-Bailey Oval Taylor
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DEPARTMENT OF LITERATURES IN ENGLISH

David Williams, BA, MA *UWI* – Head of Department

WORK OF THE DEPARTMENT



The Department continued to expand its course offerings, in line with its commitment to increasing its involvement in Cultural Studies, Comparative Caribbean Literature, African/Diaspora Studies, and Film Studies. New undergraduate courses were staged this year in all of these areas. The list included:

Introduction to Film Studies (E10F)

Writing Africa from the Diaspora (E21M)

African Literature (E36A)

Reggae Poetry (E27F)

Latin American Cultural Studies (E29A)

Literature and Ideas in the Caribbean (AR22A)

The Department also deepened its investment in the teaching of Postcolonial Literature and Theory at the undergraduate level. New courses in Environmental Literature, Crime and Science Fiction, and Borderlands Cinema will be added in the coming year. A new course on Writing for Screen and Stage (E26F) was also taught (by Mr Trevor Rhone) during the 2005 summer session, while our courses in Creative Writing (Poetry and Prose Fiction) were this year taught by Mervyn Morris and Donna Hemans.

At the graduate level new courses in African Literature and Writing the Nation in Jamaican Poetry were made available to students in the MA and MPhil programmes. The department has also completed a proposal for a new MA in Caribbean Literary and Cultural Studies which will soon be offered for approval to the Board for Graduate Studies and Research. All of these new ventures are intended to broaden the range of choices available to our majors and to students from outside the Department, even

as we maintain our core strengths in Shakespearean and modern drama, West Indian, British and American literature, and literary theory.

Our teaching activities were enhanced by the efforts of Department members to provide a wide range of material for on-line access by students, and by our attempts to make use of the technology now available within a limited number of classrooms. The Department will also shortly produce a journal, edited by Dr Michael Bucknor, which will feature the best essays submitted across the range of our undergraduate courses. The on-going Friday afternoon Staff/ postgraduate seminars, organized by Dr Victor Chang, continued to provide a lively forum for discussion of ideas and issues.

Another forum of a different sort was represented by this year's career seminar for our final-year students, which featured presentations by Mr Wayne Brown, Ms Tanya Batson-Savage, and Dr Kim Robinson-Walcott, graduates of the Department who have all gone on to make viable careers as writers. The Department also continued to explore the possibility of linkages with other institutions, with Prof Carolyn Cooper visiting Malmö University, Sweden, in order to continue discussions on staff/student exchanges.

The Department staged readings by Donna Hemans, author of *River Woman*, and Dr Kim Robinson-Walcott, winner of the Commonwealth prize for best short story.

The Department participated in the launch of new creative work by Kamau Brathwaite, Eintou Springer, Thomas Glave, Ramabai Espinet and Andrew Kei Miller, and sponsored the launch of new academic publications by Dr Curdella Forbes and Dr Kim Robinson-Walcott. Various Department members also gave lectures to high school students. The Department also continued to be involved in designing and teaching courses for the BEd Secondary (Distance) programme which is offered at centres across Jamaica.

The Department's work has benefited from the acquisition of a fax machine, and from the attempts by some members of the teaching staff to increase our stock of DVDs and other material, particularly for the new courses in Film and Cultural studies.

The Departmental Consultative Committee continues to function effectively as an opportunity for students to engage lecturers in discussions about the delivery of our courses. The system of academic advising, in which students are assigned to specific lecturers, was not utilized as fully as we would wish, despite our invitations to students. We have also not progressed as quickly as we hoped with our Department website.

PAPERS PRESENTED

Emeritus Professor Edward Baugh

- “‘Maps Made in the Heart’: Caribbeans of Our Desire.” 25th Annual West Indian Literature Conference, UWI, St Augustine, March 2006.
- “The Caribbean Writer, the Caribbean, the World.” IXth Conference of the Society for Caribbean Research, University of Vienna, December 2005.

Professor Carolyn Cooper

- “Welcome to Sunsplash: Reggae Tourism and the Politics of Identity in Jamaica,” Florida International University, July 2006.
- “Celebrating the Arts of Regional Integration in the Poetry of Louise Bennett and Derek Walcott.” The Inaugural Cherrie Orr Memorial Lecture, hosted by the Jamaica/St. Lucia Community, Castries, St. Lucia, June 2006.
- “Torrid Zones: Sexual Politics in Jamaican Dancehall Culture,” Annual Conference, British Forum for Ethnomusicology, Winchester University, March/April 2006.
- “African Diaspora Studies in the Creole-Anglophone Caribbean: A Perspective From the University of the West Indies, Mona, Jamaica,” Symposium on “African Diaspora Studies and the Disciplines,” University of Wisconsin, Madison, March 2006.
- “From Beowulf to Bounty Killa: Or How I Ended Up Studying Slackness,” Annual Conference on West Indian Literature, University of the West Indies, St. Augustine, March 2006.
- “‘What the Backside All You Want?’: Interrogating Rastafari in Derek Walcott’s *O Babylon!*,” Conference in honour of Professor Barry Chevannes, University of the West Indies, Mona, January 2006.

- “I Shot the Sheriff: Gun Talk in Jamaican Popular Music,” Annual Conference, American Anthropological Association, Washington, D.C., November 2005.
- “Sweet and Sour Sauce: Sexual Politics in Jamaican Dancehall Culture.” The Annual Cheddi Jagan Lecture, Centre for Latin American and Caribbean Studies, York University, Toronto, October 2005.
- “‘Mi No Talk Like Foreigner’: Mother Tongue and Body Language in Jamaican Dancehall Culture,” 2005-2006 Presidential Lecture Series, Medgar Evers College, City University of New York, September 2005.

Dr Curdella Forbes

- “Re/Making the Nation, Making the Trans-nation: The Poetics of Body and Voice in the Work of George Lamming and Marlene Nourbese Philip.” 25th West Indian Literature Conference, University of the West Indies, St Augustine, Trinidad, March 2-4, 2006.
- “Some Thoughts on Caribbean Literature and Tourism, with reference to Earl Lovelace’s *The Dragon Can’t Dance* and Julia Alvarez’s *In the Time of the Butterflies*.” Colgate University, November 2005.

Dr Mawuena Logan

- “Modern African Literature: The Oral-written Interface.” Northern Caribbean University, Mandeville, lecture organized by the African Caribbean Institute of Jamaica, February, 2006.
- “Eurocentrism or Globalization in Children’s Literature: the Harry Potter Phenomenon.” Second International Globalization Studies Network (GSN) Conference in Dakar, Senegal, August 2005.

Dr Anthea Morrison

- “Voyage to a ‘new’ Africa: Maryse Condé’s *La femme cannibale*.” 25th Annual Conference on West Indian Literature, UWI, St. Augustine, Trinidad, March 2-4, 2006.

Emeritus Professor Maureen Warner-Lewis

- “Affirming the Subaltern: the Contribution of J. D. Elder”, International Society for Oral Literature in Africa, University of the West Indies, St. Augustine, Trinidad, July 20-23, 2006.
- “African Muslim Presence in the Caribbean”, St. Michael’s Theological College, Mona, 2006 Seminar Programme, April 1, 2006.
- “Literary Traditions on the Continent of Africa”, African Caribbean Institute of Jamaica/Jamaica Memory Bank, Emancipation Park, February 16, 2006.
- “Heritage Languages, Retentions and Obsolescence”, Cultural Studies Graduate Colloquium, UWI, St. Augustine, September 26, 2005.
- “The Oral Tradition in the African Diaspora”, Cultural Studies Distinguished Public Lecture, UWI, St. Augustine, September 22, 2005.
- “African Retentions in the Languages of Trinidad and Tobago”, Undergraduate Caribbean Dialectology Class, UWI, St. Augustine, September 21, 2005.

PUBLICATIONS

Books and Monographs

Emeritus Professor Edward Baugh

- * Derek Walcott. Cambridge: Cambridge University Press, 2006

Professor Carolyn Cooper

- * Sound Clash: Jamaican Dancehall Culture At Large. N.Y.: Palgrave Macmillan, 2004, 348 pp. Reprinted 2005.

Prof John Lennard

- * The Poetry Handbook: A Guide to Reading Poetry for Pleasure and Practical Criticism 2nd edition, Oxford: OUP, with companion website, 2005; see:
<http://www.oup.com/uk/booksites/content/0199265380/>.

Emeritus Professor Mervyn Morris

- * I been there, sort of: New & Selected Poems. Manchester: Carcanet Press. 2006, 92pp.

Refereed Book Chapters

Professor Carolyn Cooper

- * “Welcome to Jamrock?: Reggae Tourism and the Politics of Identity in Jamaica” Kenneth Hall and Rheima Holding, eds. Tourism: The Driver of Change in the Jamaican Economy? Kingston: Ian Randle Publishers, 2006, 358-374.

Dr Norval Edwards

- * Introduction . Caribbean Culture: Soundings on Kamau Brathwaite The Press UWI, 2006

Prof John Lennard

- * ‘Introduction’ to The Oxford Dictionary of Rhymes Oxford & New York: Oxford University Press, 2006, pp. ix-xxxii.

Emeritus Professor Mervyn Morris

- * “Miss Lou, Some Heirs and Successors,” Caribbean Literature in a Global Context ed. by Funso Aiyejina & Paula Morgan. San Juan, Trinidad & Tobago: Lexicon, 2006, pp. 304-316.

Refereed Journal Articles

Dr Michael Bucknor

- * **Bucknor, Michael A.** “Austin Clarke.” *Encyclopedia of African-American Culture and History: The Black Experience in the Americas.* 2nd Edition. Volume 2. Ed. Colin A. Palmer. Detroit: Macmillan Reference, 2006. 483-484.
- * **(with Daniel Coleman).** “Introduction: Rooting and Routing Caribbean-Canadian Writing.” Special Issue on Caribbean/Canadian Writing. (Guest-edited with Daniel Coleman, John Corr and Elizabeth Jackson.) *Journal of West Indian Literature* 14. 1 & 2 (November 2005): i-xliii.

Prof John Lennard

- * 'Without Title', The Liberal: Poetry, Politics, Culture (February/March 2006), p. 55. (Reviewing Geoffrey Hill, *Without Title*).

Dr Mawuena Logan

- * "The Diasporic Griot: James Berry and His Fiction for the Young." *Children's Literature Association Quarterly* 30, 2 (2005): 179-93.

Emeritus Professor Mervyn Morris

- * "Transitions" and "Boarding School", poems, in *The Caribbean Writer*, Volume 19.

Non-refereed

Emeritus Professor Edward Baugh

- * "Walcott's 'Here' and 'Elsewhere' and the Problematic of Identity," Caribbean Literature in a Global Context, ed. by Funso Aiyejina and Paula Morgan. San Juan: Lexicon Trinidad, 2006.

Professor Carolyn Cooper

- * "'Vile Vocals': Exporting Jamaican Dancehall Lyrics to Barbados." Funso Aiyejina and Paula Morgan, eds. Caribbean Literature in a Global Context, San Juan: Lexicon Trinidad Ltd., 2006, 195-223.
- * "'A Whole Ton-Load a Lie': Doing Ethical Research in the Creole/anglophone Caribbean," published electronically in the Proceedings of the 1st Caribbean Ethics Conference, UWI, Mona, April 28-30, 2005.

Peer Reviewed

Dr Mawuena Logan

Entries in Encyclopedia of Children's Literature. New York and London: Oxford University Press, 2006

- * "Africa, Sub-Saharan." (22-25).

- * “Baden-Powell, Robert.” Vol. 1 (112-113).
- * “Defoe, Daniel.” Vol. 1 (392-93).
- * “Diop, Birago.” Vol. 1 (416)
- * “Kingston, W.H.G.” Vol. 2 (367).
- * “Meniru, Teresa.” Vol. 3 (66).
- * “Nwankwo, Nkem.” Vol. 3 (184).
- * “Salkey, Andrew.” Vol. 3 (389).
- * “Saro-Wiwa, Ken.” Vol. 3(396).
- * “Stowe, Harriet Beecher.” Vol. 4 (50-52).
- * “Sutherland, Efua.” Vol. 4 (61).
- * “Walker, David.” Vol. 4(156).

Emeritus Professor Mervyn Morris

- * “Calabash Crew”, review of six Calabash chapbooks, *Caribbean Review of Books*, August 2005.
- * “Poetry in Jamaica”, *Poetry News*, Winter 2005/6.
- * “Shard by Shard”, review of Kendel Hippolyte’s *Night Vision*, *Caribbean Review of Books*, May 2006.

Dr Anthea Morrison

- * “Making Cassava Bammy from Scratch: An Interview with Olive Senior”, *Jamaica Journal*, vol. 29, nos. 1-2 (June-October 2005), 26-31.

Dr Gregory Stephens

- * “‘Second Emancipation’: The Transfiguration of Garvey’s ‘Racial Empire’ in Rastafarian Thought,” Africanism, Marcus Garvey, & W.E.B. DuBois, ed. James Conyers (Edwin Mellen, 2006).

Professor Emeritus Maureen Warner-Lewis

- * “The Nkuyu: Spirit Messengers of the Kumina”, Caribbean Women: an Anthology of Non-Fiction Writing, 1890-1980, Veronica Marie Gregg, ed., 415-46, Notre Dame, University of Notre Dame Press, 2005

PUBLIC SERVICE

Dr Michael Bucknor

- Chief Examiner for CAPE Literatures in English for the Caribbean Examinations Council.
- Editor, *Postcolonial Text*.
- Editor, *Journal of West Indian Literature*.
- Member of the Editorial Board, *Pathways*.
- Chair, West Indian Association of Commonwealth Literature and Language Studies (WIACLAS).

Dr Victor L. Chang

- Chair, West Indian Association of Commonwealth Literature and Language Studies (WIACLAS).
- Editor, *Pathways*.
- Co-editor, *Journal of West Indian Literature (JWIL)*.

Professor Carolyn Cooper

- Member, Board of Directors, the Calabash Literary Festival, 2001 - 2006.

Dr Norval Edwards

- Associate Editor, *Small Axe: A Journal of Criticism*, 1996-
- Manuscript reader, The Press, UWI.

Dr Curdella Forbes

- Assistant Chief Examiner, English B, Caribbean Examinations Council.
- Editor, *Postcolonial Text*
- Book Review Editor, *Journal of West Indian Literature*

- Editorial Advisor, *Anthurium*, online peer-reviewed journal of original Caribbean works and critical studies
- Associate Member, Smithsonian Institution
- Member, University of the West Indies Alumni Association, Washington DC Chapter

Dr Mawuena Logan

- External Exit-Examiner, Northern Caribbean University, Mandeville, Jamaica, 2006

Emeritus Professor Mervyn Morris

- Member of the judging panel, Creative Writing (Poetry), Jamaica Cultural Development Commission.
- Selector for a Bermuda Anthology of Poems.
- Chairman, Carreras Postgraduate Awards Committee.

Dr Anthea Morrison

- Reviewer, *Postcolonial Text*.

Mr David Williams

- Judge, JCDC Annual Literary Competition.
- Judge, National Book Development Council Literary Competition.

CATEGORIES OF STUDENTS

Undergraduate

Number Registered

Year I	554	(297 majors)
Year II	358	(255 majors)
Year III	560	(442 majors)

TOTAL: 1,472 (994 majors)

First Class Honours:

Terisa Bernal-Benjamin
Tenesha Myrie
Yanique Stewart

Eddie Whyte
Shala Whyte

POSTGRADUATE

Registration

PhD	5
MPhil	12
MA	16

Award of Degrees

MPhil	Donna Hayles
MA	Aisha Spencer

DEPARTMENT OF LANGUAGE, LINGUISTICS AND PHILOSOPHY

Hubert St. Laurent Devonish, BA *Guy*, DPhil *York (UK)*

WORK OF THE DEPARTMENT



The department has three focal points of activity. The first involved the integration of teaching and research. The idea has been to engage undergraduate students in planned and structured data collection and analysis as part of the wider research agenda of the department. A second was the rapid development, by way of the system of departmental awards, of a cadre of full time graduate students, who would create the critical mass necessary for a significant increase in departmental research output. The third was the creation, through limited relief from teaching duties, of opportunities for members of academic staff engaged in postgraduate research to successfully complete their programmes and to do so in a timely fashion.

At the level of the administrative support staff of the department, the aim in the coming year is to automate routine administration. The intent here is to free up the staff to engage in higher level activities involving the management of the increasing number of projects and initiative being undertaken by the department. Another aim here is to release academic staff from administrative tasks, thus creating more time in which they can proceed with their research activities.

TEACHING SECTIONS

English Language

1) Course Enrolment/Success Rates

The following courses were offered by the Section (bracketed figures refer to the number of examination candidates &/or students completing coursework, and the level of passes):

- a) **FD10A** – English for Academic Purposes - Semester 1 (655), Pass Rate (80.2%); Semester 2 (869), Pass Rate (76.2%); and Semester 3 (290), Pass Rate (84.8%). (The above information pertains to the on-campus course, the online version delivered to BEd. Distance students, and course delivery both at the Management Institute for National Development (MIND) and at three community colleges - Brown's Town, Knox and Montego Bay.)
- b) **FD14A** – Writing in the Disciplines – Semester 1 (660), Pass Rate (61%); Semester 2 (551), Pass Rate (83 %); and Semester 3 (63), Pass Rate (78 %).
- c) **UC10A** – Language: Exposition – Semester 1 (440), Pass Rate (72%); Semester 3 (45), Pass Rate (80 %).
- d) **UC10B** – Language: Argument – Semester 1 (733), Pass Rate (81%); Semester 3 (58), Pass Rate (50%).
- e) **LG600** – Advanced Academic English Language Skills (for students pursuing the M.Sc. Degree in Human Resources Development). Semester 1 (24), Pass Rate (78%); Semester 2 (13), Pass Rate (85%). (The information for Semesters 1 & 2 pertains to the on-campus course and to that offered at the Brown's Town Community College).

2) Courses: Significant Developments

In light of the need over the years to place a large number of UC120 students in new classes in Semester 2 due to timetable clashes caused by the change of semester, the department reverted to using two one-semester courses 'Language: Exposition' (UC10A) and 'Language: Argument' (UC10B).

Large group lectures were incorporated into the FD14A course, and in Semester 2, the course evaluation was changed and students were no longer required to pass both the examination and the coursework component in order to pass the course.

A series of panel discussions 'Argument in the Workplace' featuring prominent journalists, lawyers, trade unionists and public relations practitioners was held during the week of April 3, 2006. These discussions, a part of the UC10B course, were open to the general university community.

3) The Writing Centre

The Centre offered three courses as part of its income-generating mandate: 'Writing for the World of Work', and 'Public Speaking'. The income generated from these courses was \$61,000.00. A Writing Across the Curriculum (WAC) two-year pilot project tool to begin in September 2006) was developed in June in response to a request from the Faculty of Pure & Applied Sciences for staff to be trained to incorporate written English into teaching and learning in their disciplines. The eventual aim is to develop a WAC model that can be adapted to meet the specific instructional goals of the various academic programmes of the UWI Mona campus.

4) English Language Proficiency Test Unit

As an outreach activity, the Test Unit conducted a seminar for fourteen English Language secondary school teachers from across the island. The seminar focused on test rationale, format and content, and on student preparation.

Six sittings of the ELPT were held, in August, September and December 2005, and in February, March, and May 2006. The pass rates were as follows:

August	– 39% (319/819)	February	51% (873/1712)
September	– 68% (55/81)	March	54% (659/1229)
December	– 35% (145/414)	May	47% (135/286)

An analysis of the results showed that candidates who pursued the UC010 course had a higher pass rate than those who did not: 56% vs. 34% in August 2005, 45% vs. 30% in December 2005 and 64% vs. 47% in May 2006. In the May 2006 test, students who pursued the Brown's Town UC010 had a very low pass rate (17%).

ELPTU also taught UC010 'Fundamentals of English' to 122 students as part of the process of preparing them for the ELPT.

5) Most Pressing Challenges

- Increasing the accessibility of students to the UC010 course, which many do not pursue for lack of the financial wherewithal, and improving the effectiveness of the course.
- Offering a UC010 distance course, especially for students in tertiary level institutions that have franchise agreements with the UWI.

- Developing a properly funded programme for the use of the Writing Centre and to generally maximize the Centre's use/effectiveness.
- Engendering closer collaboration between the English Language Section and individual departments/faculties with regard to students' language across the curriculum needs.

Linguistics

In the 2005-6 Academic Year, the Linguistics Section had its external disciplinary Review coordinated by the Office of the Board for Undergraduate Studies. The team, led by Professor John Rickford, Professor of Linguistics, Stanford University, states in the Review of Language and Linguistics Programmes, Mona Campus (2005, p. 4)

‘... the Quality Assurance team is deeply impressed by what the program at UWI Mona has achieved with limited resources. Its courses cover some of the most current theories and topics in the field, its students are using some of the most recent and authoritative texts and CD resources, and its faculty are generally doing well in teaching and research and the department has a wide range of programmatic initiatives ... that have excited and involved students, faculty and administrative staff. We have not seen this degree of across-the-board intellectual engagement (visible in the administrative staff as well) in other universities, and we know of no single linguistics program elsewhere in the Third World that is producing linguistics graduates at the undergraduate and graduate levels in the quantity and quality that UWI Mona is.’

There were, of course, concerns. One of these was that the large number of majors the department had managed to attract might become disillusioned when they arrived on the job market. Another involved staff perceptions about the quality of the intellectual experience that students were undergoing. A key objective in the latter part of the year was to begin to address all the issues raised by the Review and to implement, where appropriate and possible, its recommendations.

One important response, already begun in the 2005-6 Academic Year, will be to expand the field trip experiences typical of the compulsory advanced courses in the Linguistics major to the much larger group of Language Communication and Society majors. Another will involve the staging of workshops for undergraduate students. These will focus not only on key skills necessary for success at university, notably how to write an essay in

Linguistics, but on careers and the applications of the discipline in the world of work. A specific career seminar for students in the section will be planned for the 2006-7 Academic Year that will prepare them to market their academic discipline, Linguistics, to prospective employers.

Philosophy Section

During the 2005-2006 Academic Session, there were a number of positive developments with regard to the growth of the Philosophy Section at UWI, Mona. Among them are the usual attendance, participation and presentation of the staff members and graduate students at international conferences of International Society for African Philosophy and Studies (ISAPS) in the United Kingdom (Dr. Bewaji and Dr. Bamikole), Caribbean Philosophical Association (CPA) in Canada (Dr. Bewaji and Mr. Willis), and Philosophical Symposium of UWI, Cave Hill Campus (Dr. Bewaji and Dr. Bamikole). Also, Mr. Harvey Willis successfully made his MPhil/PhD Upgrade Seminar. Miss Roxanne Burton was a research visitor to Department of Philosophy, Temple University, USA for three months in Semester II, while Mr. Simeon Mohansingh was a research visitor to the University of Nijmegen, The Netherlands for three months in Semester II as part of their research programmes for the PhD degree. During the session, the internationally distinguished Professor Lewis R. Gordon was Visiting Professor to the Department, giving freely his expertise in teaching a course in our philosophy Graduate Programme. He has promised to do the same in the new session (2006-7). During the session, there was the launch of Dr. O. G. Harding's groundbreaking book, *Near Death Experience*. However, at the end of the Session, the Philosophy Section had to allow Ms. Burton to take up appointment as Lecturer in Philosophy at the UWI Cave Hill Campus. But we are happy to note that the University approved for the Section the appointment of Dr. Joseph Gaie for Sabbatical Visit for 2006-2007 Session.

SELF SUSTAINING / INCOME GENERATING UNITS

The Jamaican Language Unit

Funds Donated

I) Carreras Group Limited

In December 2005 JLU received \$1.75million from the Carreras Group Limited. The funds are being used to create a 100-page guide to the Jamaican Language as well as a 500-page glossary of basic Jamaican terminology. The “Writing Jamaican the Jamaican Way” handbook is a 100 page guide to the rules of writing in the standard Cassidy-JLU writing system for the Jamaican language. It provides a quick reference for rules of Spelling and a glossary of Jamaican as well as practical exercises in translation from Jamaican — English, English – Jamaican. Both publications will be widely accessible and will help all Jamaicans write the dialect in a consistent way. This is in keeping with the JLU’s mandate to develop and popularize a standard writing system for the Jamaican language as well as to ensure equal rights and freedom from discrimination to speakers of Jamaican.

(II) UNESCO Caribbean Office

The Caribbean office of the United Nations Educational Scientific and Cultural Organization (UNESCO) has made donations to the JLU for the setting up of a website for **Caribbean Endangered and Indigenous Languages**. A total of \$317, 016.00 has been donated to the project, \$98,758.00 of which has been used. The web site is now accessible at www.mona.uwi.edu/blp/jlu/ciel. The content is currently being edited, and modifications will be made as new data becomes available.

Income Generation

(I) MA English Language Programme

The MA English Language Programme administered by the JLU admitted its first cohort of students in September 2005, with a total of 12 students enrolling. The year closed with 11 students and an additional 4 doing qualifying courses in summer for entry with the second cohort in September 2006. A total of \$4,050,000.00 has been generated over the period 2005-06, before expenses. Ten (10) students are expected in the programme for the upcoming year 2006-07. Marketing of the programme for its third cohort in 2007/08 is presently being developed.

(II) Graduate Training Workshops

The JLU hosted a number of one- day and two- day research workshops for graduate students at all levels and from various disciplines during 2005-06. Seven workshops on various aspects of research methods, graduate study and academic writing for staff have been presented. In the summer a more intensive research clinic was held and was well supported. The total income generated this year was \$616,100.00 after expenses.

Diploma in Public Service Interpreting

The JLU has begun collaboration with the Institute of Linguists of the UK, the organisation charged with certifying interpreters for the courts and other official agencies within the UK. Arrangements are being made for the development of a Diploma in Public Service Interpreting in the Jamaican Language (PPSIJ). Such a qualification is directed at protecting the language rights of monolingual speakers of Jamaican, firstly in the United Kingdom, but eventually elsewhere, including Jamaica. The training of the first batch of examiners took place in Jamaica in March, 2006, with the visit of two trainers from the Institute of Linguists of the UK.

Legal Protection of Language Rights

We, through encouraging Ms. Celia Brown-Blake of the Dept. of Management Studies to apply for a 1-Year Mona Research Fellowship, managed to have the necessary legal and linguistic research completed to address the issue of Language Rights within the Jamaican Constitution. The most relevant of the pieces of work she prepared on this project was her 2005 paper entitled "The Right to Linguistic Non-discrimination and Creole Situations: The Case of Jamaica".

PAPERS PRESENTED

Dr. Lawrence Bamikole

- "Democracy in a Multicultural Society" 12th Annual Conference of International Society for African Philosophy and Studies (ISAPS): Human Rights: Africana and Multicultural Perspectives. The University of Leicester, Leicester, United Kingdom, 20-23 April, 2006. (23pp.)
- "Alfred North Whitehead's Metaphysics and its implications for Politics of Identity". Department of Language, Linguistics and Philosophy, Staff/Graduate Seminar Series, March 9, 2006. (23pp.)
- "The Concepts of Right(s) in Western (Anglo- American) and African Philosophies: An Exercise in Comparative Ethics" Conversations II: Western and non-Western Philosophies. Cave Hill Symposium. UWI, Cave Hill, Barbados 2-3 March, 2006. (17pp.)

- “Rastafarianism as Philosophy and Praxis”. Conference in Honour of Professor Barry Chevannes. UWI, Mona, January 19-21, 2006. (24pp.)
- “From Entertainment to Revolutionary Theory: Bob Marley’s Music as tool for Social Change”. UNESCO/ PHILOSOPHY DAY. Petroleum Corporation of Jamaica Conference Hall, November 18, 2005. (4pp.)

Dr. John A. I. Bewaji

- “Property Rights, Knowledge, Research, Ethics and Risk” 2nd Annual UWI, Mona Campus Research Ethics Conference from May 19-20, 2006. pp. 23.
- “Human Rights – A Philosophical Analysis of Indigenous Yoruba, Contemporary Nigerian and Universal Ideas” 12th Annual International Society for African Philosophy and Studies (ISAPS) Conference, School of Law, University of Leicester, Leicester, UK, April 20-23, 2006. pp. 30.
- “Barry Chevannes, Myalism, Revivalism, Rastafari and Leadership”, Conference in Honour of Professor Barry Chevannes, UWI, Mona, Jamaica; January 19-21, 2006. pp. 24.
- “Discoursing Philosophy through Cultures – Challenges, Opportunities and Dangers”, Conversations II – Cave Hill Philosophy Symposium (CHIPS), UWI, Cave Hill, Barbados. March 2-3, 2006. pp. 18.
- “Narratives of Cultures - Toward a realistic understanding of the myths surrounding gender, religion and science”. The Caribbean Philosophical Association 2nd Annual Conference “Shifting the Geographies of Reasoning II” in Puerto Rico, June 1-5, 2005. pp. 29.

Professor Devonish, H.

- “Changing Language Attitudes in Jamaica”. Conference to celebrate the work of Professor Barry Chevannes, 19th to 21st January 2006.

Mrs. Vivienne Harding

- “Reexamining the ‘Mere Vehicles’ Argument: Lessons for the Field of Distance Education”. College Teaching & Learning Conference, Orlando, Florida, January 2-6, 2006. 11 pages.

Dr. Silvia Kouwenberg

- “An introduction to Patwa: Linguistic Aspects of Jamaican Dancehall Lyrics.” Centre for General Linguistics, Typology and Universals Research (ZAS), Berlin, 20 July 2006.
- “The substrate hypothesis and creole typology.” The Max Planck Institute for Evolutionary Anthropology, Department of Linguistics, Leipzig, 11 July 2006.
- “Linguistic aspects of Jamaican dancehall lyrics.” University of Leipzig Culture Club, 6 July 2006.
- “On weak and strong subject pronouns in Papiamentu.” ACBLPE Annual Conference. Coimbra, Portugal, 28-30 June 2006.
- “The status of weak pronouns in Papiamentu.” Centre for General Linguistics, Typology and Universals Research (ZAS), Berlin, 2 June 2006.
- “African languages in early English Jamaica and the question of African influence in the formation of Jamaican language and culture.” Annual conference of the Jamaica Archeology Society. UWI (Mona), 20 April 2006.
- “Speaking Creole in today’s Caribbean: issues of status and use.” the Jane and Harry Willson Center for the Humanities and Arts, University of Georgia, 10 April 2006.
- “Comparative phonology of creole languages.” the UGA Linguistics Society Colloquium, 6 April 2006.
- Lecture series in the University of Georgia’s Linguistics Programme: “Fieldwork Methodology,” 4 April 2006; “Patois 101: Linguistic aspects of Jamaican dancehall lyrics,” 7 April 2006; “Language death: the case of Berbice Dutch,” 11 April 2006; “Second Language Acquisition and Creolization,” 12 April 2006; Linguistic history of the Caribbean, 12 April 2006.

Mrs. Ingrid McLaren

- “The Role of English Language Proficiency in Academic Achievement at UWI, MONA”. Conference on College Teaching and Learning, Orlando, Florida, Jan 2-5, 2006.

Mrs. Vivette Milson-Whyte

- “(K)notes in the Field: The Tenuous Relations between Rhetoric and Composition.” the Western States Rhetoric and Literacy Conference. San Francisco, California. October 22, 2005.
- “Sideshadowing Teacher or Peer Response to Writing: Giving Power to Students in the Revision Process.” Tuscon Teachers Applying Whole Language (TAWL) Conference. Tucson, Arizona. October 29, 2005.

Ms. Schontal Moore

- “Transforming from Face-to-face to the Virtual: The Impact of Web-Based Learning Technology on College Writing and Composition”. Conference on College Composition and Communication, Illinois, Chicago, March 24, 2006.
- “Using Interactive Web-based Multimedia and Contrastive Analysis to Teach Jamaican Creole and Standard Jamaican English”. Postgraduate Research Day, Department of Language, Linguistics and Philosophy, Mona, May 10, 2006

Dr. Paulette Ramsay

- “From Text to Screen: The Cinematic Representation of Gerardo Fullea’s Placido.” College Language Association No. 64. The University of Birmingham, Alabama, April 4 – 8, 2006:
- “Rito y Ritual en la novella En la noche del viernes por luz Argentina Chiriboga.” Rito y Cultura, Centro de Cultura, Havana, Cuba, February 3 – 5, 2006:

PUBLICATIONS

Books & Monographs

P. Ramsay, A. Bankay, I. Kemchand, E. Watson-Grant

- * “¡Chevere! Spanish for Caribbean Secondary School.”
Edinburgh Gate: Pearson Educational, 2006.

Refereed Journal Articles

Lawrence Bamikole

- * “Globalization and Terrorism Discourse” *OBITU: Journal of Humanities*. 4, 1 (2005):159-177.

John A. I. Bewaji

- * “Forward” in Harding, Oswald. G. Near Death Experience (NDE – A Holographic Explanation). Kingston, Jamaica: LMH Publishing Limited. 2006. Pp. viii-xi.
- * “Philosophical Exploration of Leadership in Caribbean and Diaspora Politics”, Journal on African Philosophy. <http://www.africanphilosophy.com/issue2/bewaji.html>. 2005.
- * “Philosophy in History and History of Philosophy as Academic Politics” in Liubava Moreva (ed.) *UNESCO International Readings on Theory, History and Philosophy of Culture*. Number 18: Differentiation and Integration of World Views – Philosophical and Religious Experience. Moscow. 2005. Pp. 194-234.
- * “Ethics and Morality in Yoruba Culture” in Kwasi Wiredu (ed) Blackwell Companion to African Philosophy, New York: Basil Blackwell Press, 2005, pp. 396-403.

Dr. O. G. Harry

- * “The Illustration of the IPA in Jamaican Creole”, *Journal of the International Phonetic Association: Volume 36, Number 1* (2006): 125-131.

Dr. Silvia Kouwenberg

- * “Creole formation and Second Language Acquisition: contentious issues.” *Revue de langues et linguistique* 31, 91110.

Dr. Paulette Ramsay

- * “The Liberatory Poetics of Shirley Campbell.” *Macromere* Vol. 7, January 2006: 136-149.

Mrs. Michele Stewart

- * “Creole language in Kingston. The emergence of basilectal varieties 1692-1865”. *Caribbean Quarterly* Vol. 51 Nos 3&4 (2005) 109-130.

Other peer reviewed publications

Hubert Devonish

- * ‘On the status of diphthongs in Jamaican: Mr Vegas pronounces’, in Hazel Simmons-McDonald & Ian Robertson (eds.) Extending the Boundaries of Caribbean Creole

Languages, Mona, Jamaica: University of the West Indies Press, 2006, pp. 72-95.

- * ‘The Anglophone Caribbean / Die Anglophone Karibik’, In: Ulrich Ammon, Norbert Dittmar, Klaus J. Mattheier & Peter Trudgill (eds.) Sociolinguistics / Soziolinguistik. An International Handbook of the Science of Language and Society. Berlin / New York: Walter de Gruyter, pp. 2083- 2096.

Dr. Kathryn Shields Brodber

- * “Is the Pain in Your Belly Bottom? Extending the Boundaries of Jamaican Creole to Non-Native Users” in Hazel Simmons-McDonald & Ian Robertson (eds.) Extending the Boundaries of Caribbean Creole Languages, Mona, Jamaica: UWI Press, 2006, pp. 188-210.

Non-refereed

Dr. Silvia Kouwenberg

- * “Of pirates and protection.” Column, *All Arms. The quarterly newsletter of the Jamaica Defence Force* 4 (2), pp.1,9.
- * (With Marta Dijkhoff & Paul Tjon Sie Fat. 2006). The Dutchspeaking Caribbean / Die niederländischsprachige Karibik. In: Ulrich Ammon, Norbert Dittmar, Klaus J. Mattheier & Peter Trudgill (eds.) Sociolinguistics / Soziolinguistik. An International Handbook of the Science of Language and Society. Berlin / New York: Walter de Gruyter, 21052114.

PUBLIC SERVICE

Dr. Lawrence Ojo Bamikole

- Member, International Society for African Philosophy and Studies.
- Member, Caribbean Philosophical Association.

Dr. John Ayotunde (Tunde) Isola Bewaji

- Member, UWI Cave Hill Philosophy Programme Review Team.

- Editor, Special Issue of Journal on African Philosophy, Journal of International Society of African Philosophy and Studies (ISAPS)
- Editorial Board Member, Caribbean Philosophical Association, USA.
- Staff Advisor, UWI Mona Undergraduate Debating Society.
- Chairman, Board of Studies, Jamaican Institute of Management.

Mrs. Vivienne Harding

- External Examiner, Council of Community Colleges of Jamaica – Communications
- Jamaica Attention Deficit Disorder Association

Dr. Otelemate Harry

- Member, Jamaican Fulbright/Humphrey Alumni Association

Dr. Silvia Kouwenberg

- Coordinator, JUMP [Junior Undiscovered Maths Prodigies]

Mrs. Vivette Milson-Whyte

- Peer Integrator, International Student Programs and Services. The University of Arizona. Tucson, Arizona. Fall Semester 2005.

Ms. Schontal Moore

- Assistant Examiner for CXC English A., Caribbean Examinations Council
- Judge for Annual Secondary and Tertiary Level Essay Competition, Michael Manley Foundation Ltd.

Dr. Paulette Ramsay:

- Moderator, Council of Community Colleges of Jamaica – Spanish
- Chief Examiner, Caribbean Examinations Council - Spanish

Dr. Kathryn Shields Brodber

- Convenor, CAPE Communications Studies, Caribbean Examinations Council
- Chairman, Board of Governors, The Queen’s Preparatory School
- Member, International Linguistic Association
- Member, Society for Caribbean Linguistics

CATEGORIES OF STUDENTS

Undergraduate

LINGUISTICS COURSES	Numbers Registered	Percentage Passes	Number Graduating
	Level 1 733	–	Not applicable
	Level 2 936	–	Not applicable
Nos of Graduating Majors	Level 3 348	–	53

Philosophy

Level 1	698	Not applicable
Level 2	597	Not applicable
Level 3	487	
No of Graduating Major	14	

First-Class Honours Awardees:

Language, Communication and Society Major: – HENRY, Carolyn Tracie

- Linguistics Major:** — CAMPBELL, Annife Lance
 DEMETRIUS, Ruby-Rose Elizabeth
- Philosophy Major:** — EDWARDS, Laura Marie

Postgraduate:

PROGRAMMES	LINGUISTICS		PHILOSOPHY	
	Registered	Completed	Registered	Completed
Master of Arts (MA) 1	0	6	0	
Master of Philosophy (MPhil)	11	0	5	0
Doctor of Philosophy (PhD)	8	1	3	0

DEPARTMENT OF MODERN LANGUAGES AND LITERATURES

**Marie-José Nzengou-Tayo, CAPES (*Haiti*), BA, MA (*Besançon*),
PhD (*Lille III*), D.E.A (*Antilles-Guyane*) – Head of Department**



WORK OF THE DEPARTMENT

This year was again a transition year with the appointment of a new head of Department, Dr. Marie-José Nzengou-Tayo. The Department had to face major challenges in term of staffing for the Spanish section and increasing numbers in the Hospitality and Basic courses. Dr. Claudette Williams went on a Research Fellowship leave. Dr. Julio Ariza Gonzalez, a long-standing member of the Department, retired at the end of September but continued to assist on a part-time basis until the end of the academic year. Mr. Manuel Romo, Colombian Foreign Assistant resigned effective the end of December, and returned to Colombia.

Three new members of staff joined the Department in January.

- Maria Tereza Villoria-Nolla, a lecturer in Spanish replacing Mrs. Mireille Ariza who retired last year.
- Mrs. Ying Zhang, the Chinese instructor appointed by the Chinese Government within the Co-operation agreement signed by the Chinese and Jamaican Governments.
- Prof. Antonio Augusto Souza Mello, the new Portuguese instructor appointed by the Brazil Government.
- Mrs Zhang and Prof. Mello were in Jamaica to promote the learning of Chinese Mandarin and Brazilian Portuguese respectively. The Chinese course had to be cancelled due to the unforeseen illness of the instructor who had to be repatriated.

The Department held a retreat on Saturday, April 22, 2006 to review the year and set its objectives for the new academic year. The Mission statement of the Department was revised and endorsed by all present. The issue of how to address the gap between CSEC and CAPE foreign language students was raised at the meeting. On June 15, 2006, the Department hosted the Inter-Campus conference in Hispanic and Francophone Studies. Colleagues from St. Augustine and Cave Hill attended the conference and presented papers. The one-day symposium ended with a round-table discussion about Foreign Language Policy and the role of the Foreign Language Sections in informing policy. It was decided to form a working group to further analyze the matter. Ms. Nadine Barnett attended an Item Writing Workshop for CXC/CAPE Spanish held at the Mona campus. Between July 16 and July 23, 2006, Mrs. Preston attended consultative meetings in Montreal with colleagues from the Université du Québec à Trois-Rivières with a view to the establishment of an on-line Masters in Translation Programme to be shared with the University of the West Indies.

Students' activities included the annual field trip of the F30A.- Business French Student's to Guadeloupe which took place from January 9-12. It was a success. Students were able to interact with Guadeloupean students as well as have a taste of working in a French-speaking environment. They received extensive media coverage (2 articles in France-Antilles). Students were accompanied by Mr. Gilles Lubeth. In March a group of eight students accompanied by their instructors traveled to Barbados to participate to the Inter-campus Theatre Festival. The Spanish Club organized a successful *Noche Latina*, with the support of their Spanish instructors, Mrs Nunes and Mrs Hernandez-Quiros. The Costa-Rican poet, Shirley Campbell participated in the evening by reading one of her poems to the audience. This year, more students benefited from the assistantship posts offered by the French Government, which have doubled. Students are given the opportunity of spending a year or a term in France. Eleven graduating Spanish students went to Colombia on assistantship posts through ICEMEX to teach English. A small group of UWI students left for Japan to participate in the JET programme.

Outreach

Staff from the French Section was actively involved in activities helping to consolidate and promote the teaching of French. **Dr. Françoise Cévaer** facilitated a revision seminar on French essay writing for the CAPE/A-Level students at the Alliance Française de la Jamaïque, on April 19, 2006. **Mr. Gilles Lubeth** did a presentation on Guadeloupe and Guadeloupean

youth and culture for CAPE/A-Level Students at St. Hugh's High School, on November 24, 2005 for students from St. Hugh's, Kingston College, Wolmer's H.S. and St. Andrew H. S. He also assisted with the preparation of CAPE students for their French oral presentation on February 17, 2006, at St. Andrew H.S and on April 18, 2006, at the Alliance Française de la Jamaïque. He participated as a judge for the vocabulary competition organized by the Jamaica Association of French Teachers and acted as the MC at the staging of a French play for high school students at Shortwood Teachers' College. **Dr. Nzengou-Tayo** presented and conducted a training seminar for French teachers on use of Internet in French Foreign Language Teaching for the French Grade 7 –9 Curriculum at Shortwood Teachers' College. The workshop was sponsored by the French Embassy and organized by the Jamaica Association of French Teachers in collaboration with the Alliance Française and the Ministry of Education. She arranged the viewing of *Rue Cases-nègres* for A-Level students of St. Andrew High School (December 8, 2005) and Ardenne High School (February 16, 2006). She also did an introductory lecture to Aimé Césaire's *La tragédie du roi Christophe* for CAPE students from St. Andrew High School. She conducted a revision seminar for the CAPE / A-Level Students by presenting on *La rue Cases-nègres* on April 18, 2006 and on *L'Étranger* on April 20, 2006. **Mrs. Doreen Preston** attended two CXC Meetings in Barbados in her capacity as Assistant Chief Examiner for French CAPE Examination (October 2005 and April 24-28, 2006). She also organized a Workshop for the CAPE French and Spanish Teachers (June 15-17, 2006) hosted by the Faculty of Humanities & Education

Dr. Nzengou-Tayo was a guest speaker at the Rotary Club of Kinston in August (reported in *The Observer* of August 8, 2005). As the current President of the Haitian Studies Association, she participated in the annual conference of the Association at the University of Massachusetts in Boston in October 2005, chairing the Board Meeting and the Annual Business Meeting of the Association. In March, she chaired the Spring Board Meeting and participated in a retreat of the Executive. She participated in the Caribbean Virtual Masters Workshop organized by LACC and sponsored by UNESCO. (November 28-December 2, 2006). On March 30 and April 3, she gave two lectures at the Caribbean Graduate School of Theology in the Course on Caribbean Thought and Culture. On April 20, she was invited as a resource person for the students' presentations.

PAPERS PRESENTED

- **Dr. Françoise Cévaër** “Mythes et stéréotypes, vecteurs de la constriction identitaire dans *L’impasse* de Daniel Biyaoula.” Departmental Seminar. October 20, 2005
- **Mr. Lindy Jones.** “From *Mutismos* to *Richard trajo su flauta*: The Ideological Foundations of Morejón’s Poetry,” Fifth International Conference on Rite and Representation, Havana, February 9-12.
- **Mr. Gilles Lubeth.** “Enseignement supérieur et défi d’une Caraïbe éclatée.” Departmental Seminar, February 9, 2006.
- **Dr. Marie-José Nzengou-Tayo.** “Lessons from the Haitian Experience: Mayra Montero’s *Tu la Oscuridad*” 31st annual conference of the Caribbean Studies Association, Trinidad, May 28 – June 2, 2006,
- -----“Computer Assisted Language Learning at the UWI, Jamaica: Using Technology to Face Strategic Challenges.” Inter-Campus Foreign Language Symposium, June 15, 2006, Mona Campus.
- **Ms. Maria Tereza Villoria-Nolla.** “Desplazamiento y desterritorialización: voces marginales en la narrativa contemporánea colombiana.” L.A.S.A Conference, Puerto Rico, March 15-18, 2006.

PUBLICATIONS

Refereed

Marie-José Nzengou-Tayo.

- * Review of Universities Responses to HIV/AIDS: The Case of the University of Quisqueya and the Université d’Etat d’Haïti. Paris, UNESCO, 2005. (51 p.) On-line publication available at: http://hivaidsclearinghouse.unesco.org/ev_en.php?ID=5782_201&ID2=DO_TOPIC
- * Computer Assisted Language Learning at the U.W.I., Jamaica: Using Technology to Face Strategic Challenges. *Caribbean Journal of Education*. Vol. 27, No 2. June 2006

- * Guest editor (in collaboration with Dr. Hugues Péters), *Caribbean Journal of Education*. Special Issue: Foreign Language Teaching and Learning in the Caribbean. Vol. 27, No. 2. June 2006.
- * Entry on Edwidge Danticat for *Encyclopedia of African-American Culture and History*. 2nd edition. “The Black Experience in the Americas.” Ed. in Chief, Colin Palmer. Detroit: Macmillan Reference USA/Thomson Gale, 2006. Vol. 2, pp 579-80.

Michelle Stewart.

- * “The Games People Play: Utilising PowerPoint Games in Foreign Language Delivery” *Caribbean Journal of Education*. Special Issue: Foreign Language Teaching and Learning in the Caribbean. Vol. 27, No. 2. September 2005. June 2006. pp. 163-186

Income Generation

Sale of Manuals	369,669.75
Donation received from the W. Mailer and B. Jones Travel Fund.	100,273.71
Donation received from the Latin American Women’s Club	31,000.00
Consultation	31,781.70
Courses offered in the Language Laboratory	98,100.00
Summer Courses (F31R, S111, S11B, S211, S25B, S311, S35B)	561,003.00
Total \$	1,191,828.16

PUBLIC SERVICE

Françoise Cévaer.

- Member, Jamaica Association of French Teachers.

Marie-José Nzengou-Tayo.

- President, Haitian Studies Association.
- Assistant Treasurer, the Jamaica Association of French Teachers.

- Secretary, Japan Karate Association of Jamaica.
- Peer Reviewer, *Journal of Haitian Studies*, *MaComère*,

Mrs. Doreen Preston.

- Assistant Chief Examiner, French CAPE, CXC.

Categories of Students

Undergraduate:

Registration:

Preliminary Courses

French	146
Japanese	64
Portuguese	6
Spanish	516

Hospitality & Tourism Management

French	96
Spanish	373

BA Programme

French	216
Spanish	700

Graduating Students

French	4
Spanish	30

First Class Honours

Teresa Amoy Bernal-Benjamin (Spanish Major)
 Melecia Camillia Brown (Spanish Major)
 Stefane Daley (French Major, Spanish Minor)
 Lisa Downie (French Major, Spanish Major)
 Ruby Rose Demetrius (Spanish Major)
 Shala Melanie Alert (Spanish Major)
 Adele Aleath England (Spanish Major)
 Delesha Eleen Wilkie (Spanish Major)

Postgraduate

Registration:

MPhil French		2
MPhil Spanish	2	
MPhil Comparative Literature		2
PhD Spanish		2

Degree awarded:

Marlene Collins, PhD Spanish
Jason Allen, MPhil, French

Prizes Awarded:

French:

Level I William Mailer Prize	Jo-Lane Anderson-Figueroa
Level II Prix Jambec	Stefane Daley
Level III Prix Gertrud Buscher	Sheena Jarrett
Level III French Embassy Prize for overall achievement over the three years:	Tasmin Gordon
William Mailer Scholarship	Diane Brown
Bridget Jones Memorial Award	Warrick Lattibeaudiere

Spanish

Gabriel Coultard Prize	Shala Whyte
Paul Davis Prize	Tricia Brooks

DEPARTMENT OF EDUCATIONAL STUDIES

**Professor Zellynne Jennings-Craig, BA (Hons) Hull, MA Leeds,
MEd Birm, PhD UWI – Head of Department**

WORK OF THE DEPARTMENT



In its effort to promote a more technologically enriched learning environment for the students, staff members were trained by our information technology specialist in the use of MOODLE, an on-line teaching and learning support system. This enabled staff to incorporate the use of technology in their teaching of both undergraduate and graduate courses delivered face to face, in addition to the use of the OURVLE in the BEd Secondary distance/on-line programme. In February 2006, the Department hosted a Literacy

Symposium with the theme *“Transforming lives: celebrating achievements in literacy”*. This was well supported by local tertiary institutions as well as scholars from the University of South Florida and San Jose State University, California. With sponsorship mainly from the National Commercial Bank, the Department was able to raise over (J\$300,000.00) Three Hundred Thousand Dollars towards the building of a proposed state of the art Literacy Centre. In April 2006, the Mathematics Problem Solving Competition for grade 9 high school students was hosted by the Department. Twenty teams from local high schools participated. The department contributed to the forum hosted by the School of Education. This year the theme was *‘Teachers at Risk? E-Learning and Its Role in Education’*. Mrs. Paula Daley-Morris was one of the presenters.

The Department succeeded in expanding its programme offerings to cater to both local needs as well as the needs of the new campus countries. In January 2006, the B.Ed in Early Childhood Education by part time delivery commenced with 27 students which, added to the existing full time delivery totaled 79 students for the year. This helped to strengthen the Department’s collaboration with tertiary level institutions - the Mico College, Moneague Teachers College and Shortwood Teachers College with which it offers respectively Bachelors degrees in Special Education

and Primary Education; Literacy Studies by part time delivery and Early Childhood Education (ECE). These programmes attracted 167 students and generated income in the region of J\$3,944.691.00. Worthy of note is the fact that the new four year BEd in Special Education which the Department had assisted the Mico College in developing, was finally approved. Under this new arrangement, the three year Teachers College diploma will cease to be offered. The students will do the first year of the degree at the Mico College and the remaining three years at the UWI. Just under 600 students were registered in the B.Ed Secondary distance/on-line programme which is specially funded by the Ministry of Education and Youth (MOEY). Given that the final cohort will be admitted in January 2007, this is well below the 3000 teachers that the programme was expected to train by 2011. A major problem has been that a number of the teachers targeted for the programme were not qualified for entry as they were either primary trained or were teaching at the primary level even though trained for secondary school teaching. An evaluation of the BEd Secondary programme was done during the course of the year and the report submitted on July 31, 2006. The commencement of the Diploma in School Leadership for secondary school principals in July 2006 is another hallmark of the Department's response to local needs. This programme is funded by the MOEY to the sum of three million Jamaican dollars per year for training secondary school principals. The project will last for three years during which time 75 principals are to be trained. In July 2006, the Department began offering the B.Ed Literacy Studies on line to over 100 (one hundred) teachers in Dominica, St. Lucia, St. Vincent, Grenada and Jamaica. This has added to the contribution that the Department has been making in the region since 1999 in the delivery of its BEd in Educational Administration via UWIDEC. In 2005-6, 272 students were registered in the programme, with the largest numbers from Antigua and Barbuda, Grenada, Trinidad (Mayaro), St. Lucia and Savanna la mar in Jamaica. Three teachers in the Early Childhood Education (ECE) programme participated in the Caribbean Internship Project in St. Lucia, Grenada and Trinidad and Tobago in the summer of 2006.

The Science and Math Centre received five million Jamaican dollars from the Strategic Transformation Team to help to procure resources and equipment for development of a Resource Bank for Teaching which will also serve as a source of assistance to schools in fostering excellence in the disciplines and developing career interest in the areas. The Centre was transformed significantly during the course of the year through minor reconstruction and the purchase of furniture, equipment and materials as well as additional staffing. Its outreach in the Caribbean was strengthened

through discussions on collaboration with colleagues at Cave Hill and St. Augustine as well as the visit of a lecturer from the University of Guyana to the Department from May 29 to June 04. Mrs. Gem Moriah visited the campus to research 'best practices' in Special Education as part of the University of Guyana /OAS funded project on 'Building Capacity in the Education Sector for Sustainable Human Development. Consistent with its goal to focus mainly on Graduate Studies, the Master of Arts in Teaching which the Department had worked on for the past two years was finally approved. This programme not only offers participants an alternative mode of delivery for the Post Graduate Diploma in Education but it also opens up opportunities for training for persons in the private sector as well as those in tertiary institutions. The Department also played a key role in the development of the M.A in Higher Education Administration: Student Personnel Administration which was also approved this year and will commence delivery in January 2007. Enhancement of its quality assurance practices was made possible this year with the development of a Quality Assurance Manual, as part of the follow up to the Quality Assurance Review of the Department which took place in 2004. Review of courses including the core courses offered at the undergraduate level was another effort to enhance quality. The attachment of a Visiting Scholar, Professor Frances Stage from New York State University, brought benefits for both staff and students in the form of seminars on supervision at the graduate level and workshops for graduate students including one on *Mixed Methodology in Research*. A meeting in May with members of the South African Education Labour Relations Council study tour gave valuable insights into the education system in South Africa. Efforts to improve the teaching –learning environment as well as to boost the motivation of staff and students included the retiling of seminar rooms, installation of ACs, blinds and the commencement of the renovation as well as the strengthening of the holdings of the Documentation centre. In December 2005, UNESCO made a formal donation of books to the Documentation Centre as part of the Department's hosting of Philosophy Day in 2003 in collaboration with the Philosophy Unit in the Faculty and Shortwood Teachers College. In its effort to boost the research capacity of the Department two staff members were granted leave for a semester – Mrs Dian McCallum to complete her EdD and Dr Beverley Bryan to complete her book. Two staff members were awarded their doctorates –Dr Paulette Feraria and Dr Camille Bell-Hutchinson (who was on secondment to the Quality Assurance Unit). Dr Helen Henningham was awarded research grants from UNICEF and Environmental Foundation of Jamaica in excess of

five million Jamaican dollars for research on “*Promoting Young Children’s Social and Emotional Competence and Preventing Aggression in Basic Schools*”. The main targets for the coming academic year will include workshops conducted by the Science and Math Centre to strengthen the teaching of the disciplines in the school system; revision of the undergraduate programme and the development of new core education courses; new initiatives for improving the practicum in schools; preparation of at least two options in the B .Ed Secondary programme for offering on –line to the teachers in the Region; admission of a second cohort of students in the Region to the B.Ed Literacy Studies on-line; the launching of the M.A in Teaching and the development of new options in Higher Education (e.g. Adult Education);continued improvement of the Documentation Centre; efforts to promote the visibility and outreach of the Department locally and in the Region and an increase in income generation not only through collaboration with additional tertiary level institutions but also through entrepreneurial activities.

Teaching and Per Capita Publications

No. of academic staff = 21 (1 on sabbatical leave) Per Capita publication = 1.1

Table 1: Overall teaching Achievement

		Mean 4.0 and above	Mean below 4.0
Sem.1	Students Assessment of Lecturers (N=46)	34 (74%)	12 (26%)
	Students’ Assessment of Courses (N=46)#	29 (63%)	17 (37%)

#No of courses assessed

Semester 2 note yet available.

Table 2: Overall performance of post-graduate diploma students in the 2004-2005 academic year

Course	No.	Theory			Practice			Inc.
		D	C	P	D	C	P	
History Education	7	2	3	-	-	3	1	3
Language Education	10	3	4	-	4	3	3	3
Mathematics Education	6	3	3	-	1	3	2	-
Science Education	3	3	-	-	2	1	-	3
Information Technology	5	-	8	1	-	2	2	4

Educational Administration y	12		5	-	2	8	2	3
TOTAL	43	11	23	1	9	20	10	16

D- Distinction C- Credit P-Pass Inc- Incomplete

MEd/MPhil/PhD

There were a total of 302 students reading for MEd degrees: Science Education (21), Mathematics Education (16), Language Education (27), Literacy Studies (28), Primary Education (12), Teacher Education (face to face) (8), Geography/Social Studies (13), Educational Psychology (37), Curriculum Development (53) and Educational Administration (70). There were 112 students in the MEd On-Line/Summer programme which offered Educational Administration, Teacher Education and Leadership in Early Childhood Development. Seventy three (73) students registered for the MPhil and 25 for the PhD.

PAPERS PRESENTED

- Ezenne, A (2005) " Models and Mechanics of Educational Supervision in Jamaican schools" 40th anniversary of the Joint Board for Teacher Education and the Institute of Education, Hilton Hotel, Kingston, Jamaica, August 25-26.
- Jennings, Z (2005) "Training Teachers by Distance at the University of the West Indies: some lessons learnt". Eduvision 2005 Conference & exposition, November 2-4, 2005 Wyndham Rose Hall, Montego Bay. Jamaica. (pp15)
- Jennings, Z (2006) The Role of Faculty in Holistic Learning and Development, Caribbean Tertiary Level Personnel Association, Radisson Cable Beach and Golf Resort Hotel, Nassau, Bahamas, June 19-23.2006 (pp10)
- Jennings, Z. (2006) Educating our Teachers in the Caribbean Today: Practising what we preach JBTE Triennial Regional Conference, Princess Hotel and Casino, Belize City, July 13 2006 (pp14)

PUBLICATIONS

Refereed Journal Articles

- * Grantham-McGregor S, Baker-Henningham H (2005) The Effects of Protein and Energy on Mental Development. *Public Health Nutrition* 8(7A): 1191-1201.
- * Baker-Henningham H, Powell C, Walker S, Grantham-McGregor S (2005) The Effect of an Early Childhood Stimulation Programme on Maternal Depression: A Randomised Controlled Trial. *Archives of Disease in Childhood* doi:10.1136/adc.2005.073015.
- * Harris, Myrtle E. (2006). The Curricular Role of School Librarians: Jamaican Secondary School Teachers' and Librarians' Perceptions and their Implications for Curriculum Delivery. *Caribbean Journal of Education*, 27 (1), 22 -50.
- * Meeks-Gardner J, Powell C, Baker-Henningham H, Walker S, Cole T, Grantham-McGregor S. (2005) Zinc Supplementation and Psychosocial Stimulation: Effects on the Development of Undernourished Children. *American Journal of Clinical Nutrition* 82: 399-405.
- * **K. Soyibo**, Pinnock, J. (2005): Correlations Among Six Learner Variables and the Performance Of A Sample Of Jamaican Eleventh-Graders On An Achievement Test On Respiration. *International Journal of Science and Mathematics Education*, 3, 2 239 - 265.
- * D. Kelly, **K. Soyibo**. (2005): Effects Of Three Sets Of Instructional Strategies And Three Demographic Variables On The Food And Nutrition Test Performance Of Some Jamaican Tenth-Graders. *Journal of Science and Mathematics Education in South-East Asia*, 28, 1 56 - 80.

Books

- * Bankay, A, Andall, Ramsay, P (2006) ¡Chévere! Book 4. London: Longman Pearson
- * Bankay, A (2006) On Friday night. Translation of Chiriboga's En la noche de viernes. Kingston: Arawak Publications

Technical Reports

- * Bankay, A (2006) Review of the Spanish Primary Curriculum for the Ministry of Education.

- * Bryan, B (2006) Literacy Policy for Grenada. Ministry of Education, Grenada.
- * Baker-Henningham H, Walker S, Chang-Lopez S. (2006) End of Phase 1 Report of the Special Education Needs Study. Report to the Primary Education Support Project Office, Ministry of Education, Youth and Culture, Jamaica.
- * Baker-Henningham H (2006) Review of the Draft Curriculum for Infants and Toddlers Aged from birth to 3 years. Dudley Grant Early Childhood Education Centre, UWI, Mona.
- * Meeks-Gardner J, Henry-Lee A, Chevannes P, Thomas J, Baker-Henningham H, Coore C (2005) Regional assessment. Violence Against Children in the Caribbean Region. A Desk Review. UNICEF, Jamaica.
- * Baker-Henningham H, Walker S, Chang-Lopez S. (2005) Interim Report on Phase 1 of the Special Education Needs Study. Report to the Primary Education Support Project Office, Ministry of Education, Youth and Culture, Jamaica.
- * Baker-Henningham H (2006) Presentation of a Review of the Literature on Early Childhood Education in Jamaica. The Children's Issues Coalition, Caribbean Child Development Centre, UWI, Mona, Jamaica, 8th February, 2006.
- * Lewis-Smikle (2006). The Pre-Primary to Primary Schools Transition Pilot Project: An overview. Report, UNICEF, Jamaica.

INSTITUTE OF EDUCATION

Halden Morris, PhD, PE – Head of Department

WORK OF THE DEPARTMENT



*I*n 2005–2006 Dr. Halden Morris took up the position of Head of the Institute while Miss Joan Tucker, outgoing Head, continued to serve as Chairman of the Joint Board of Teacher Education. The Institute of Education carried out its primary functions, continuing to focus on institutional strengthening of teachers colleges, research and development, project management, graduate studies and the provision of various services to the education sector. Targets were met in

providing staff development workshops for teachers colleges and in assessing the practicum in Jamaica, Belize and Turks and Caicos Islands.

INSTITUTIONAL STRENGTHENING (TEACHERS COLLEGES)

IOE/JBTE Annual Professional Development Conference

“Transforming the Practicum in Teacher Education: Field Experiences, Supervision and Reflection” was the theme of the Institute of Education/Joint Board of Teacher Education (IOE/JBTE) conference held August 25–26, 2005 at the Hilton Kingston Hotel to commemorate JBTE’s 40th anniversary. Professor Trevor Sewell of Temple University, Pennsylvania, delivered the keynote address at the opening ceremony, while Vice-Chancellor, Professor Nigel Harris, was the guest speaker at the luncheon, at which 25 external examiners were honoured for their contribution to JBTE’s work. Sixteen papers/workshops were presented, including workshops by Ms. Deborah Castello and Ms. Yvonne Dey of Queens University, Ontario, Canada. The conference was attended by approximately 430 persons.

IOE/JBTE Triennial Regional Seminar

On July 14, 2006 the JBTE held its quarterly meeting in Belize, hosted by the University of Belize. This meeting was preceded on July 13 by the JBTE's triennial regional seminar, attended by participants from Belize, the Bahamas, Jamaica, and the Turks and Caicos Islands. The theme of the conference was "The Teacher as Learner in the 21st Century." Prof. Hyacinth Evans gave the keynote address, and papers were presented by lecturers from the University of Belize, St. John's College (Belize), the College of the Bahamas, Sam Sharpe Teachers' College (Jamaica) and the Department of Educational Studies, UWI.

Accreditation

As part of the JBTE's thrust to examine its provision of quality assurance from a professional stance, the JBTE hosted a seminar from April 6–7, 2006, entitled "Quality, Standards and Partnership: Developments in Teacher Education". This was led by Mrs. Jacqueline Nunn, the Assistant Director for Initial Teacher Training Unit of the Training and Development Agency for Teachers (TDA) formerly the Teacher Training Agency (TTA), England and Mrs. Marilyn Holness, Deputy Principal of Southlands College, Roehampton University. Participants were College Principals and Lecturers, Ministry of Education, Youth and Culture staff, and Institute of Education staff.

Quality Assurance in Teachers Colleges

JBTE granted accreditation status to eight departments of teachers colleges that had demonstrated that they had established and maintained mechanisms to enable quality assurance. Institute of Education lecturers leading the teams conducting the reviews were Dr. Earl Brown, Miss V. Charlton, Mrs. M. Collins-Figueroa, Mrs. V. Davis-Morrison, Dr. L. Down, Dr. C. Gentles, Dr. C. Lambert and Mrs. C. McPherson-Kerr.

JBTE assumed the role of quality assurance monitoring for the Diploma for Primary School Principals developed by the Ministry of Education through Mount St. Vincent University, Canada. The programme is being delivered by St. Joseph's Teachers' College.

External Assessment of Teaching Practice

During March 13–31, 2006, all IOE lecturers were involved in external assessment of student teachers in Jamaica. Drs. Lorna Down and Nadine Scott were coordinators.

Professor Hyacinth Evans and Dr. Marcia Stewart visited the Turks and Caicos Community College February 26–28, 2006 during which they:

- * held consultations with senior staff members on design and delivery of teacher education programmes.
- * carried out external assessment of the first batch of student teachers pursuing the A.Sc. in Primary Education.
- * conducted a two-part workshop on ‘Thinking about Teacher Education’ and ‘Thinking about Teaching’.

Dr. Rose Davies and Dr. Marcia Stewart visited Belize May 1–5, 2006, and carried out external assessment of student teachers. Dr. Davies also advised members of staff of the University of Belize and St. John's College on preparation for offering the Associate degree in Early Childhood Development (ECD).

COLLABORATION

Education for Sustainable Development

The United Nations Educational, Scientific and Cultural Organization (UNESCO), in collaboration with the Institute of Education, UWI, launched the UN Decade of Education for Sustainable Development on Tuesday, October 18, 2005. This launch preceded the Caribbean Region Conference on Education for Sustainable Development held at the Hilton and hosted by UNESCO. Dr. Lorna Down and Mrs. Marceline Collins-Figueroa were members of the planning committee, and both chaired and made presentations at the conference.

Environmental Education Project II

With funding from the governments of Jamaica and Canada, and UNESCO, the Sustainable Teacher Environmental Education Project (STEEP) of the JBTE/IOE has been extended to infuse education for sustainable development (ESD) into the JBTE curricula; and to extend the whole-college approach to ESD into three more teacher education institutions. Project directors: Mrs. Marceline Collins-Figueroa and Dr. Lorna Down.

Biodiversity Education Project

IOE/JBTE, in collaboration with the Jamaica Environment Trust, has launched a biodiversity education project in teachers colleges with primary and early childhood programmes. The J\$5.9 million project is funded by

the Environmental Foundation of Jamaica. Among other activities this facilitated a workshop April 20–21, 2006 under the direction of Mrs. Marceline Collins-Figueroa. IOE staff Dr. Carol Gentles, Dr. Lorna Down and Mrs. Collins-Figueroa facilitated workshop sessions. Mrs. Collins-Figueroa held two other workshops for colleges in October 2005.

JBTE/IOE Global Fund Project

A whole-school approach was employed in which various stakeholders planned and made decisions on HIV and AIDS education. A 2-credit HFLE/HIV AIDS curriculum was developed and implemented as well as handbooks and other teaching/learning resources to support curriculum delivery. The project procured materials and equipment such as multimedia projectors, a laptop computer for three colleges and also developed networks within colleges and between colleges and the community, as well as conducted research on HFLE/HIV AIDS issues. Directors: Mrs Vileitha Davis-Morrison and Dr. Marcia Stewart, Coordinator: Mrs. Janice Holung.

EduVision 2005

The Institute of Education, UWI, in collaboration with the Ministry of Education, Youth and Culture; Ministry of Commerce, Science and Technology; Jamaica Teachers' Association; and ICT4D (ICT for Development) Jamaica, staged EduVision 2005, an International Biennial Conference on Technology in Education and Human Services with the theme "Improving Governance and Leadership in Education and Training with Technology" November 2–5, 2005, at the Wyndham Rose Hall Resort, Montego Bay. Drs. Earl Brown, Halden Morris, and Moses Peart served as members of the organizing team.

E-Learning

The Institute of Education participated in the launch of an E-Learning project staged by the Ministry of Education, Youth and Culture and the Ministry of Commerce, Science and Technology on February 16, 2006. The latter Ministry invited Dr. Earl Brown to be lead consultant in developing the Item Banking Component of the project. Additionally, teachers colleges offering secondary programmes will be provided with Information Technology as part of the E-Learning project.

Public-Private Partnership (PPP)

The Institute of Education participated with the International Education Collaborative Foundation (IECF) in partnership with ICT4D Jamaica in the launch of the Vancouver Collaborative for Universal Technology Education Public-Private Partnership launch of the PPP with the theme “Everyone is a stakeholder in Education” on February 23, 2006.

PROJECTS FOR RESEARCH AND DEVELOPMENT

Caribbean Centre of Excellence for Teacher Training (CCETT): 2005-2006. Director, Professor Errol Miller

The overall goal of the Caribbean CETT Project is to improve the teaching of literacy skills in early primary grades. During the four-year period of the first phase (which ends September 2006), the project trained 754 teachers from project schools, 224 from non-project schools, 1,755 graduates from the teachers’ training colleges, 147 principals, 21 reading specialists and 35 university and college lecturers from across the region. Over 17,800 students from 161 institutions—147 schools and 14 teachers’ colleges—benefited from the training programme. The United States Agency for International Development (USAID) has agreed to fund a second phase of the project to be implemented over a three-year period beginning October 1, 2006.

Change from Within (CFW)

The CFW project was transferred to the Department of Educational Studies (DES) to facilitate funding from the campus establishment beginning from the fiscal year 2005 - 2006. Research findings, “Violence in Schools” and “Change from Within (CFW) Project,” were presented to colleges and the Jamaica Teachers Association Annual Conference, Ocho Rios, April 18, 2006. Although the CFW project has been institutionalized under DES, the Institute in continuing to foster collaborative research, has embarked on Phase 2 of the Change from Within Project.

Mathematics Collaborative Research Venture

This collaborative venture in mathematics education, “Implementing the Reflective Teaching Model in Four Jamaican Teachers’ College Institutions”, proposed between Georgia State University (GSU) and the UWI, Mona Campus through the JBTE–IOE, has been approved for implementation. Mrs. Ceva McPherson-Kerr is the Institute’s project director.

INFORMATION AND COMMUNICATION TECHNOLOGY

Dr. Earl Brown continued to lead the ICT committee. Work has been hampered by budget cuts but the computer facilities upgrade continued, albeit slower than desirable. The Technology Standing Committee of the JBTE, chaired by Dr. Halden Morris, continues to coordinate ICT activities in member institutions of the JBTE. The IOE website's home page was re-designed. The site was also re-addressed to the URL: <http://www.jbte.edu.jm/IOE> due to hardware upgrade activity within the JBTE. An application has been made for the site to be directly referenced to the UWI domain. The installation of the backbone for the Wireless Wide Area Network (WWAN), a subproject within CCETT, was completed during this academic year. All but two teachers colleges are now linked, although lack of end-user facilities will restrict communication across all colleges. In 2005-2006 the JBTE focused on reconfiguring the system of servers, domain controllers and other equipment to prepare for the proposed expansion of ICT services to the wider educational clientele, inclusive of colleges and schools. While much of this activity was driven by the CCETT project, other imperatives had to be addressed independently, such as segmenting our Internet domain from MITS, and replacing the Virtual-U and Examination servers to preserve reliability and integrity. A portal was bought and implemented in the Joint Board. Plans are to develop the portal for maximum benefit. The Virtual-U system continues to be valuable software for distance education (M.Ed. On-Line), inter-college communications, and user training.

PUBLICATIONS UNIT

The Unit published four issues of the *Caribbean Journal of Education*: a special double issue in honour of Prof. Errol Miller, edited by Dr. Hyacinth Evans (vol. 26, nos. 1& 2); a general issue (vol. 27, no. 1), and a special issue on foreign language teaching and learning in the Caribbean, edited by M-J. Nzungou-Tayo and Hugues Peters (vol. 27, no. 2).

The Unit also published *Broadening the Vision for Teacher Education in the Caribbean*, edited by Dr Rose Davies and Dr Lorna Down (IOE Publication Series, vol. 2), as well as two booklets for the Joint Board of Teacher Education. Publications Officer was Sonia Chin, and Production Assistant was Sherron Duffus

STAFF

Professor Errol Miller was named Professor Emeritus on the recommendation of the Faculty of Humanities and Education.

Dr. Halden Morris received the Most Distinguished Past Student award of the University of Technology, Jamaica. Dr. Morris was also named chairman for Professional Activities for the Institute of Electrical and Electronics Engineers (Jamaica Section).

On November 1, 2005, the Institute of Education welcomed **Professor Stafford Griffith** as a member of staff. He will specialize in measurements and evaluation, and will also chair the Projects Committee of the Institute. Professor Griffith was formerly Pro Registrar of the Caribbean Examination Council (CXC).

PAPERS PRESENTED

Dr. Lorna Down

- (with Clement Lambert) “Analysing Key Stakeholders’ Perspectives on School Violence and an Innovative Intervention Programme”. The African-Caribbean World View and the Making of Caribbean Society Conference, UWI, Mona, January 19–21, 2006.
- (with Clement Lambert and Ceva McPherson-Kerr) “The Nature of Violence in Jamaican Schools and an Intervention Programme: The Change from Within. JTA Conference, April 2006.
- (with C. McPherson-Kerr and C. Lambert) “Violence in Schools and Its Impact on Teaching and Learning”. Professional Development Seminar for staff and students at one school involved in the research on “Violence in Schools and The Change From Within Project”. April 2006.

Dr. Earl Brown

- “Item Banking”. EduVision 2005—International Conference & Exposition, Montego Bay, Jamaica, Nov. 2005.

Miss Vilma Charlton

- “The Impact of GC Foster College on the Physical Education on Our Schools’ Curriculum.” JPEA’s function to commend the first batch of students to sit CXC in Physical Education and Sport”, Kingston, Oct, 2005.

- “The Importance of Practice in Learning to Teach Physical Education; The Case for an Extended Practicum”, JBTE Boards of Studies Meeting, Kingston, Aug. 2005.

Dr. Rose Davies

- “The teaching practicum: Living up to expectations?” The Joint Board of Teacher Education 40th Anniversary Conference, Jamaica, August 2005.
- “The role of the teacher in childhood socialization.” Meeting of Researchers Symposium on Childrearing Research in the Caribbean, Roseau, Dominica, May 2006.

Mrs. Vileitha Davis-Morrison

- “Educating for Behaviour Development and Change: Approach to HIV and AIDS Education in the Jamaican Teachers’ Colleges.” International Conference on Civic Education: Research and Practices. Orlando, Florida, January, 2006.
- “Utilizing Values Analysis and Clarification Strategies in Health and Family Life: HIV and AIDS Education.” JBTE Global Fund Seminar/Workshop, Kingston, April 2006.

Dr. Lorna Down

- “Exploring Exemplary Practices of CCETT Literacy Teachers”. Transforming Lives, Celebrating Achievements in Literacy Symposium, UWI, Mona, February 2006.
- “Education for Sustainable Development Local Programmes and Initiatives.” UNESCO/UNU ESD Research Workshop, Paris, February 2006.
- “Transforming the culture of violence in schools: Moving from an ‘externally imposed’ to a ‘Change from Within’ model” (with Patrick Solomon). Thirteenth International Conference on Learning, Sam Sharpe Teachers’ College and Montego Bay Community College, Montego Bay, June 2006.
- “UNESCO Guidelines and Recommendations for Reorienting Teacher Education to Address Sustainability”. JBTE, CIDA/GOJ/ENACT Programme/UNESCO Principals and Staff Coordinators’ Roundtable and Workshop, Rose Hall, St. James. June 2006.

Prof. Hyacinth Evans

- “Challenges facing teacher education in the Caribbean”. Keynote Address, the 5th Education Conference, Erdiston College, Barbados, April 2006.
- “Challenges of adopting a constructivist approach in a teacher education programme”. Conference of the Canadian Society for the Study of Education, York University, Toronto, May 2006.
- “The Teacher as Learner”. Keynote Address, JBTE Conference, Belize City, July 2006.

Dr. Carol Gentles

- “The New Vision of the Education Curriculum. Implications for Teaching Practice and Supervision”. JBTE 40th Anniversary Conference, August 25 - 26, 2005.
- “Enhancing Student Voice through Use of the Internet”. EduVision Conference, Montego Bay, Jamaica, November 2005.
- “E- Learning: A Student’s Perspective”. School of Education Annual Education Forum, UWI, 2006: Teachers at Risk? E-Learning and Its Role in Education.

Prof. Stafford Griffith

- “Developing Excellence in Teaching: Demonstrating Competence in Managing Schools from Failure to Success”. Keynote Address, Second Workshop of exemplary teachers and principals in the Caribbean Centre of Excellence for Teacher Training, Ocho Rios, Jamaica, July 2006.
- “Curricula, Standards and Assessment of the Quality of Education”. II Meeting of the Intergovernmental Committee of the Regional Education Project for Latin America and the Caribbean (PRELAC), Santiago, Chile, May 2006.
- “Quality Assurance in the School Based Assessment Component of a Public Examination”. Fourth Conference of the Association of Commonwealth Examination and Accreditation Bodies (ACEAB), Ocho Rios, Jamaica, March 2006.

Dr. Clement Lambert

- “Literacy theory, policy and practice for the 21st century [with special reference to Jamaica]: Exploring the doors”. Keynote

presentation, International Literacy Conference, Northern Caribbean University, February 2006.

- “Exploring Uncharted Waters: Developing an English Proficiency Courseware for Jamaica.” Society for Information Technology and Teacher Education, Orlando, Florida, March 2006.
- “Expanding Educational Horizons: Bringing It All Together”. Annual Expanding Educational Horizons Principals Conference, Ocho Rios, Jamaica, June 2006.

Mrs. Ceva McPherson-Kerr

- “Conception of the Nature of Violence and a Violence Prevention Programme in Jamaican Schools.” 4th International Conference on Civic Education: Research and Practices, Orlando, Florida, January 2006.
- “Building Learning Communities for Capacity Building with Focus on Improving Performance in Mathematics” (with G. Dawkins). Moneague Teachers College, Feb. 2006.

Dr. Halden Morris

- “Using Technology to Facilitate Governance and Leadership in Technical and Vocational Education—The Harsh Realities”. EduVision 2005, International Conference & Exposition, Montego Bay, Jamaica, Nov. 2005.
- “Challenges of Integrating Technology in Teaching Inside the Jamaican Primary Schools’ Classroom”. University of Technology, Jamaica, Research Day 2006. April 2006.
- “Interaction with Industrial Organizations”. Bachelor of Education Seminar Series, University of Technology, Jamaica, March 2006.
- “Trends in Industrial Technology”, University of Technology, Jamaica, April 7, 2006.
- “The Engineer as an Educator”, Faculty of the Built Environment, University of Technology, Jamaica, February 2006.
- “Reengineering practicum for technical and vocational teachers”, JBTE 40th Anniversary conference, Hilton Kingston Hotel, August 25 - 26, 2005.

Dr. Moses Peart

- “Systematizing Technology in Education: Processes and Experiences.” EduVision 2005 – International Conference & Exposition, Montego Bay, Jamaica, Nov. 2005.
- “Strategic Thinking and Planning in a Leadership Organization: Jamaica Junior Chamber”. Strategic Planning Retreat of the Kingston Jaycees Chapter, March, 2006.
- “Developing a Competency-based Education and Training System and Culture.” (VTDI) Annual Staff Development Workshop/Seminar Series, April, 2006.
- “Quality Management Systems: Systematization of Analysis and Improvement processes”. National Council on Technical and Vocational Education & Training (NCTVET) Staff Training Seminar Series, June 2006.

Dr. Nadine Scott

- “Making it on your own.” Guest Presenter, Professional Organization for Women of Antigua/Barbuda/ 2nd International Women’s Conference (POWA/IWC), Antigua, October 2005.
- “Visual Arts Education Programmes in Jamaica: Historical and Contemporary Contexts.” Education Abroad Programme, UWI, Mona, January 2006; and JBTE Boards of Studies Meeting, August 2006.
- “Caribbeanizing the CAPE Art & Design Examination: Challenges and Successes.” International Society for Education through Art (INSEA) International Congress, Viseu, Portugal, March 2006.

Dr. Marcia Stewart

- “Citizenship Education in Caribbean Teacher Education”. The International Bureau on Education (IBE) forum in Geneva, Switzerland August 2005.
- “Retention and Graduation Rates of Jamaican Teachers’ Colleges”. Biennial Conference of the Association of Commonwealth Examination and Accreditation Bodies (ACEAB), Jamaica Grande Hotel, Ocho Rios. March 2006.

Miss Joan Tucker

- “Transforming Education in Jamaica: What does this mean for student teachers?” Seminar for Student Teachers, Shortwood Teachers College, August 2005.
- “Music and Cultural Identity—Postcolonial Challenges and Successes in Caribbean Curriculum Transformation,” with videos and taped music. University of Technology, Brisbane, Australia, Staff Seminar, November 2005.

PUBLICATIONS

Books, Monographs and Chapter(s) in Books

Miss Vilma Charlton

- * “The Importance of Practice in Learning to Teach Physical Education: The Case for an Extended Practicum”. In Broadening the Vision for Teacher Education in the Caribbean, ed. Rose Davies and Lorna Down. IOE Publication Series, vol. 2, 2006. Pp. 98-116.
- * “The Impact of G.C. Foster College on Physical Education in our Schools’ Curriculum”; Charlton, Burke, Jones; *Track and Field Jamaica, Quarterly magazine of Jamaica’s Athletics*, Oct, Nov, Dec 2005, pp 9-12.

Dr. Rose Davies

- * Editor (with L. Down), Broadening the Vision for Teacher Education in the Caribbean. Institute of Education Publication Series, Vol. 2, UWI, Mona, 2006.

Mrs. Vileitha Davis-Morrison

- * Contributor, *Health and Family Life Education*, Manual: HIV/AIDS Instructional Materials, UWI HARP and JBTE. January 2006.

Dr. Lorna Down

- * Co-Editor, Broadening the Vision for Teacher Education in the Caribbean, IOE Publication Series, vol. 2, UWI, Mona, 2006.
- * “Violence in Jamaican Schools and Implications for Teacher Education” (with Ceva McPherson-Kerr & Clement Lambert). In Broadening the Vision for Teacher Education in the Caribbean, IOE Publication Series, vol. 2, UWI, Mona, 2006.

Caribbean, ed. Rose Davies and Lorna Down. IOE Publication Series, vol. 2, UWI, Mona. 2006.

Professor Hyacinth Evans

- * Inside Hillview High School: an ethnography of an urban Jamaican school, Kingston, JA: UWI Press, 2006.
- * Confronting post-colonial legacies in education through pre-service teacher education: case of Jamaica (with J. Tucker). In Urban Teacher Education and Teaching: Innovative Practices for Diversity and Social Justice, ed. R. P. Solomon & Dia Sekayi. Lawrence Erlbaum Associates, 2006.
- * Changing the education programme in teacher education: The challenges of creating constructivist classrooms. Broadening the Vision for Teacher Education in the Caribbean, ed. Rose Davies and Lorna Down. IOE Publication Series, vol. 2, UWI, Mona. 2006.

Dr. Carol Hordatt-Gentles

- * “Critical Pedagogy and Authoritarian Culture: Challenges of Jamaican Migrant Teachers in American Urban Schools”. Chapter 7. In Urban Teacher Education and Teaching: Innovative Practices for Diversity and Social Justice, ed. R. P. Solomon & Dia Sekayi. Lawrence Erlbaum Associates, 2006.
- * “A Rationale for the Critical Reorientation of Teacher Education in Jamaica”. In Broadening the Vision for Teacher Education in the Caribbean, ed. Rose Davies and Lorna Down, 1–22. IOE Publication Series, vol. 2, UWI, Mona. 2006.

Dr. Clement Lambert

- * “Violence in Jamaican Schools and Implications for Teacher Education”. With McPherson Kerr, C., Down, L. Institute of Education Publication Series, Vol. 2 Broadening the Vision for Teacher Education in the Caribbean, 2006.

Mrs. Ceva McPherson-Kerr

- * “Violence in Jamaican Schools and the Implications for Teacher Education” With Lambert, C. & Down, L. in Institute of Education Publication Series Vol. 2, Broadening the Vision for Teacher Education in the Caribbean, 2006, pp 139-160.

- * “Transforming the Culture of Violence in Jamaican Schools: An Innovative Intervention Model”. In Research on Education in Africa, the Caribbean and the Middle East, Book IV: The Enterprise of Education, University of Alabama (in press).

Dr. Nadine Scott

- * “Is the Jury Still Out? Team Leaders’ Opinions of External Assessment Practices in Teacher Education Institutions in Jamaica”, *Caribbean Journal of Education*, 27(1), 51–84, 2005.

Ms. Joan Tucker

- * “Confronting post-colonial legacies in education through pre-service teacher education: case of Jamaica” (with H. Evans). In Urban Teacher Education and Teaching: Innovative Practices for Diversity and Social Justice, ed. R. P. Solomon & Dia Sekayi. Lawrence Erlbaum Associates, 2006.

Dr. Halden Morris

- * Evaluation Report on Ministry of Education, Youth & Culture “*Technical Vocational Education Rationalization Project*” (with David Benjamin). IADB, April 2006, 112 pp.

Dr. Moses Peart

- * Catholic Education Development (CED) Schools Survey Report 2005-2006. A publication of the Archdiocesan Education Board of the Roman Catholic Archdiocese of Kingston, June 2006.

PUBLIC SERVICE

Dr. Earl Brown

- Statistical consultant to University of Technology, Jamaica
- Consultant, computer systems coordinator for lecturer/ course evaluation systems at UTech
- Member, organizing committee of the EduVision 2005 International Conference
- Item Banking consultant – eLearning Jamaica Project and coordinator of item collection phase for a National Item Bank

Miss Vilma Charlton

- 3rd Vice President, Jamaica Amateur Athletic Association
- Director, Radio Jamaica Sports Foundation
- Member, Jamaica Physical Education Association
- Member, National Sports Council
- Member, International (ICPHER.SD) in the area of Physical Education at the Primary and Secondary Levels
- President, The Olympians Association of Jamaica
- IAAF Lecturer, Track and Field officiating
- Consultant, Multicare Foundation Sports Programmes
- Member, Institute for Workforce Education and Development (IWED)

Dr. Rose Davies

- Early Childhood Commissioner- member of the Board of the Early Childhood Commission.
- Chairman of the Subcommittee on Training and Development, Early Childhood Commission.
- Vice Chairman, Board of Directors- Shortwood Teachers' College.
- Chairman, Management Board of the Dudley Grant Early Childhood Resource Centre, UWI.
- Member, Children's Issues Coalition (CHIC), UWI, Mona

Mrs. Vileitha Davis-Morrison

- Member, Advisory Board for Democratic Values and Practices- Organisation of American States
- Member, Technical Working Group for the Revision of the Health and Family Life Education Curriculum Guide for the Caribbean Teachers Colleges.
- Assistant Chief Examiner –CXC Social Studies (2003-present)

- External Examiner, Community Council of Jamaica (2003-present). Environmental Studies – Urbanization and the Environment Geography 1

Dr. Lorna Down

- Member, UNESCO International Network for Reorienting Teacher Education to Address Sustainability.
- External Examiner, Mico Teachers' College Degree Programme
- Member, Editorial Board, Journal of Teacher Education & Training, Daugavpils University, Latvia
- Advisory Editor, Southern African Journal of Environmental Education, Environmental Education Association of Southern Africa

Prof. Hyacinth Evans

- Member, CXC National Committee.

Prof. Stafford Griffith

- Member, Access to Information Advisory Committee
- Member, Standardization and Accreditation Committee: National Council for Technical and Vocational Education and Training (NCTVET).
- Member, Technical High Schools Development Committee, HEART Trust/NTA.

Dr. Carol Hordatt-Gentles

- Chairperson, Lowe River Primary and Junior High School Board of Management.

Dr. Clement Lambert

- Member, Advisory Committee Ministry of Education & Culture Literacy Improvement Initiative Committee.
- Team Leader, development of strategies to achieve full literacy in Jamaica: A joint initiative of JAMAL, PIOJ and The Correctional Services.
- National Consultant, Primary Education Support Project

Dr. Halden Morris

- Chief Examiner, Caribbean Examinations Council (CXC) – Caribbean Advanced Proficiency Examination (CAPE) - Electrical and Electronics Technology.
- External Examiner, Council of Community Colleges of Jamaica – Digital Communication Systems and Circuit Analysis.
- External Evaluator (accreditation) University Council of Jamaica.
- Chairman for Professional Activities, Region 3, Area 9 of the Institute of Electrical & Electronics Engineers.
- Member of Board & Chairman, Finance and Development Committees of the Overseas Examinations Commission.
- Member of Board, ICT4D – Jamaica
- Member of Board of Studies, Caribbean Maritime Institute.

Mrs. Ceva McPherson-Kerr

- External Examiner and Professional Development personnel, The Council of Community Colleges of Jamaica (CCCJ).
- Assistant Chairperson of the Transportation Committee, International (ICC) World Cricket Championships
- Member, Morant Bay High School Board.
- Member, committee for staff welfare of the Morant Bay High School.
- Member, steering committee, Wolmer's High School for Girls - Parents and Teachers' Association
- Treasurer, Manager Track and Field Committee of Wolmer's High School for Girls.

Dr. Moses Peart

- Chairman, National Committee for Selection and Appointment of Master Teachers of Jamaica - Ministry of Education, Youth and Culture.
- Chairman, Board of Directors of the Kingston YMCA.
- Member, Academic Committee, EXED Community College.

Dr. Nadine Scott

- Member of Council, National Council on Education.
- Member, National Boarding Policy (Ministry of Education and Youth)
- Member, Fine Arts Board of Studies (University Council of Jamaica)
- Chief Examiner and Member of Panel, CXC (CAPE), Art and Design
- Member of School Board, Excelsior High School
- Immediate Past President, CREATE, An Association of Art Educators and Artists Trustee, Jamaica Teachers' Association

Dr. Marcia Stewart

- Member, Ministry of Education Steering Committee to establish a Tertiary Commission
- Member, Primary Education Support Project (PESP) National Task Force, Ministry of Education, Youth and Culture
- Board of Directors, National Council on Technical and Vocational Education and Training (NCTVET)
- Deputy Chairman, Accreditation/Quality Assurance Committee: NCTVET
- Member, Belize Board for Teacher Education (BBTE)

Miss Joan Tucker

- Board member, National Gallery of Jamaica
- Executive, Association of Caribbean Music Educators

HIGHER DEGREES

The Institute of Education collaborated with the Department of Educational Studies in offering graduate studies programmes. Institute staff supervised 68 students.

**FACULTY OF MEDICAL
SCIENCES
MONA**

Year ending July 31, 2006



**Professor Archibald McDonald, MBBS, FRCSEd, FACS,
DM (Surgery) *UWI* – Dean**

Dean's Overview

The 2005 / 2006 academic year was a very challenging but successful one for the Faculty of Medical Sciences, Mona. The highlight of the year was the achievement of **full accreditation of the MB BS Programme** by the Caribbean Accreditation Authority for Education in Medicine and Other Health Professions (CAAM). An internal quality Assurance Review carried out by the Board for Undergraduate Studies along with the visit of the CAAM accreditation team, proved to be catalytic to our efforts to continue the transformational process started the previous year. A significant part of the year under review was spent revising the new curriculum and the Faculty's regulations and making preparations for the visit of the CAAM team. The Faculty continued to expand and student enrolment was increased by 27 percent over the previous year. To cope with the expansion, improvement to the physical plant continued with completion of the expansion and renovation of many areas in the Basic Sciences and the Dean's Office. The Students' Lounge was refurbished and a new computer laboratory with 24 computers established in the Department of Basic Medical Sciences. Wireless internet access is now available in many areas of the Faculty. Two research scientists were appointed in the Office of the Dean with a mandate to increase research capacity and output and enhance the teaching of Research Methodology and Biostatistics to undergraduate and graduate students.

Student Enrolment and Access

In keeping with its strategic objectives, the faculty continued to expand and increase student enrolment. The 27 percent growth was achieved through a further expansion of the MB BS Programme by an increase in the number of international students and the Full Fee Paying Programme. There was also increased enrolment in the Baccalaureate Programmes in Nursing, Physical Therapy and the Basic Medical Sciences. This is shown in the table below.

Student Enrolment in Faculty of Medical Sciences 2005 / 2006 VS 2004 / 2005

Programme	Majors & Minors	No. of students 2004 /5	No. of students 2005 /6
BBMedSci	Anatomy	4	5
	Biochemistry	4	6
	Pharmacology	8	20
	Physiology	2	4
	Subtotal	18	35
BSc	Nursing (Post RN)	32	43
	Nursing (generic)	291	471
	Nursing Administration	1	0
	Physical Therapy	38	49
	Subtotal	362	563
Certificate	Nursing Administration	1	
MB BS	Bachelor of Medicine & Surgery	574	631
	TOTAL	955	1229

Further increase in enrolment is likely as the Faculty has begun to explore the possibility of increasing the programmes offered through an expansion of the BBMedSci Programme which is to serve as the gateway to training in many of the professions allied to Medicine.

The Faculty is positioning itself to expand its training facilities to meet the demands of the growing Health Care Industry and to retain its position as the leading institution of training for Caribbean Health Care Professionals. The UWI School of Nursing (UWISON) in collaboration with Ryerson University has embarked on a programme to make its courses available on-line to students of the UWI twelve while the newly established Medical Education Unit in the Office of the Dean has undertaken training of academic staff in the on-line placement of student lectures. The Unit is also expected to strengthen staff development and support curricula and other faculty programmes.

Negotiations have started for a partnership with Sinai Hospital and Lifebridge Health in the USA to increase throughput from the Bachelor of Nursing Programme and to upgrade the facilities at UWISON, while franchising of the BSc Nursing Programme to the Community Colleges was strengthened with the signing of a memorandum of understanding with Knox Community College.

The School for Physical Therapy was transferred to the Faculty and is now the fifth section in the Department of Basic Medical Sciences. A Bachelor's Programme in Diagnostic Imaging was approved by the Board for Undergraduate Studies and is to commence in year 2006 / 2007.

Enhancing Quality and Student Centredness

The first cohort of students in the new curriculum in the MB BS Programme completed their training and sat final examinations in May / June 2006. A total of 80 sat the examinations, 69 passed and one student graduated with an honours degree. The performance of the students appeared to be better than those trained under the old curriculum.

The new curriculum was revised to address observed weaknesses. The number of lectures was reduced by 10 percent, and all modules and clerkships were transformed into university courses. Student Course and Study Guides were produced to support the new curriculum.

The Faculty was mandated to convert to a Grade Point Average (GPA) system in academic year 2006 / 2007 and this is now in an advanced stage of development. Cross Campus agreement with St Augustine, Cave Hill and the Bahamas, is now being sought. The assessment process has been strengthened with the introduction of standard setting in all examinations and delivery of course material was improved through an increase in the use of information technology. These changes in the curriculum will make more time available for students to participate in self learning, a prerequisite to producing doctors who are life long learners.

To ensure continuation of small group teaching in the face of increased student numbers, the role of the clinical training sites outside the University Hospital of the West Indies (UHWI) was enhanced through the appointment of an associate Dean and the development of a Memorandum of Understanding with the Jamaican Ministry of Health. Rotations through Kingston Public, Bustamante Children's, National Chest and Victoria Jubilee Hospitals will be increased to accommodate additional students. To ensure quality, student facilities at these sites will be improved.

A review of UWISON's programmes was done by the Quality Assurance Department and the School received high commendation for maintaining consistently high quality assurance procedures.

Research

The Faculty took the strategic decision to collaborate more closely with the Tropical Medicine Research Institute (TMRI), in particular the Tropical Medicine Research Unit (TMRU) and Sickle Cell Unit. Traditionally, research done by the TMRI was not included in the Faculty's statistics resulting in an underestimation of the Faculty's research output and the exclusion of some researchers from eligibility for the Principal's Annual Research Award. By working more closely with the TMRI it is anticipated that the quality and quantity of research done will improve.

With the inclusion of the TMRI's Units the Faculty published 187 papers in peer reviewed journals during the year; when the TMRI was excluded, (for comparison with the previous year), there was a 17 percent increase in publications. The per capita research output for the Faculty was therefore 0.9 compared with 0.6 for 2004 / 2005. The research output per Department is shown in the table below.

Department	Publications	Conference Presentations
UWI School of Nursing (UWISON)	3	17
Basic Medical Sciences	34	29
Community Health & Psychiatry	29	48
Medicine	9	23
Obstetrics, Gynaecology & Child Health	22	23
Pathology	15	25
Microbiology	20	14
Surgery, Radiology, Anaesthesia & Intensive Care	26	105
TMRI	37	not submitted
TOTAL	187	261

Another strategic decision was to undertake clinical trials. Currently there are five trials underway and these are being conducted by Professors C. Christie and F. Hickling and Drs. D. Mitchell, M. Reid and G. Wharfe who all serve as principal investigators.

A Centre for Clinical Trials is currently being established in the Dean's Office to coordinate this activity.

Research Awards

The Faculty produced a number of high quality research papers which received commendation at the Principal's Research Awards Ceremony. The following papers received best publication awards:

Coard, K., et al "Gleason Grading of Prostate Cancer: Level of Concordance between pathologists at the University Hospital of the West Indies". American Journal of Clinical Pathology 2004; 122: 373-376.

McKenzie, C. A., Forrester, T., Sergeant, G., et al (UGTIAI) "Variation and Gallstone Formation in Sickle Cell Disease". Blood 2005; 105:968-972.

Knight-Madden, J., Forrester, T., Lewis, N.A. RN et al "Asthma in children with Sickle Cell Disease and its association with Acute Chest Syndrome". Thorax 2005; 60; 206-210.

In addition, awards for outstanding research were presented to:

- 1) Professor Celia D. C. Christie and the Vaccines Infectious Diseases Centre and the Kingston Pediatric and Perinatal HIV/AIDS Programme – Rotovirus Vaccine Trial Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica.
- 2) Professor Terrence Forrester, and the Tropical Medicine Research Institute (TMRI)

Funded Projects

The Faculty continues to attract a significant number of research grants as well as funds for the conduct of clinical trials. During the year approximately US \$5.9m was received and earmarked for use on funded projects. The breakdown of this income is available in the individual departmental reports.

Conferences, Workshops and Seminars

Several conferences and seminars were hosted by the Faculty during academic year 2005/2006. Details are given in the departmental reports but included:

- ❖ The 14th Annual Research Conference and Workshop on "Clinical Trials: Building Capacity and Competence" November, 16-18, 2005.

- ❖ UWISON's Annual Nursing Midwifery Research Conference and Mary Jane Seivwright Day, (June 1-3, 2006), at which the *Caribbean Journal of Nursing and Midwifery* was launched.

Income Generation and Diversification

Significant success was again achieved in this area. Mandated by the Campus to raise 100 million dollars the faculty surpassed this target by almost 100 percent made possible from earnings from its full fee paying arrangements in the MB BS and Nursing programmes. Significant income was also generated from clinical trials, research grants and consultancies mainly through the Mona Institute of Medical Sciences (MIMS).

Governance and Improved Process Efficiency

Over the years the work of the Faculty had been impeded by communication issues and a lack of follow up. An analysis of the problem suggested that this situation was made worse by the governance structure within the Faculty which has led to poor reporting mechanisms. To improve communications, the format of the Faculty Board meeting was changed to include reports from Heads of Departments, Programme Directors and Deputy Deans. A monthly meeting between the Dean and Heads of Departments is now held. Monthly reports from the Heads are circulated prior to and discussed at each meeting.

Every area of work in the Faculty is now assigned to a Deputy/Sub/Associate Dean who reports to the Dean and the Faculty Board. This has improved communications and allowed for greater efficiency.

STUDENT ACHIEVEMENTS

Undergraduate Programme

The Faculty graduated 121 undergraduate students in Academic Year 2005/ 2006:

MB BS	96
BSc Nursing	1
Certificate Nursing Education	7
Certificate Nursing Administration	6
BSc Physical Therapy	11

Of the 108 candidates of the Class of 2009 who sat the Stage I MBBS/BMedSci examination, 104 students were successful in the first attempt; one gained honors with distinction and 34, honours.

MBBS Examination Results

The MBBS examination results for Academic Year 2005 / 2006 were as follows:

Stage II

	Dates	Dist./Hons.	Pass	Fail
Medicine (MD 500)	June 2006 1	70	8	
Surgery (SU 500)	June 2006 10	65	4	
Obstet. & Gynaecology (OG500)	June 2006	5	69	6

Prizes Awarded

The following students from Mona were awarded Stage II prizes and awards for Academic Year 2005 / 2006:

Allenbury Prize in Medicine	Rondell Graham
Dr Aubrey McFarlane Bursary	Cathy Maddan
General Surgery Prize	Ian Molyneaux
Sir Maurice Byer Prize in Preventative Medicine	Derwin Christmas
Sir Harry Annamunthodo Prize	Cathay Maddan
Overall Clinical medal	Rondell Graham
Surgery Medal	Cathay Maadan
Medicine	Rondell Graham

Graduate Studies

The Graduate Studies programmes were reorganized and monthly meetings of the Faculty Committee for Graduate Studies introduced. The DM Regulations were revised and a research component added to all DM programmes. One DM name change was approved and the “DM Anaesthesia” became the “DM Anaesthesia and Intensive Care”.

The Faculty awarded the following postgraduates Degrees during the academic year:

DM Anaesthetists	4
DM Emergency Medicine	2
DM Medicine	2
DM Obstetrics & Gynaecology	8
DM Paediatrics	7
DM General Surgery	1
DM Neurosurgery	2
DM Urology	1
DM Family Medicine	1
MSC Family Medicine	4
Master of Public Health (MPH)	25

There were 482 Graduate students registered in the Faculty during the academic year. This included 20 PhD students. Number of graduates registered in each discipline are shown below.

DM Programmes

Anaesthesia	21
Emergency Medicine	16
Family medicine	1
Haematology	4
Medicine	28
Microbiology	1
Obstetrics & Gynaecology	31
Paediatrics	23
Psychiatry	6
Surgery	73
Total	204
MPH	25

MPhil

Anatomy	2
Biochemistry	28
Pharmacology	19
Physiology	9
Public Health	17
Total	75

MSc

Counselling		88
Family medicine	10	
Microbiology		3
Nursing (Administration)		5
Nursing (Education)		14
Nursing (Family Nurse Practitioner)	8	
Nursing (MHealth/Psychiatric Nurse Prac.)		5
Nutrition		25
Total		158

PhD

Microbiology		2
Nutrition		5
Clinical Psychiatry		13
Total		20

Conclusion

The faculty is proud of its achievements during 2005 / 2006 but recognizes that this is only the beginning of the transformational process. Further improvement in the physical and information technology infrastructure, the diversification and strengthening of its financial resources as well as the enhancement of its administrative processes will continue during the next academic year. The building of research capacity through training in research methodology, the establishment of the Research Resource Centre and increased collaboration with local and international partners should result in a significant increase in the research output; our target for the next two years is a per capita output of 1.5. Other areas of emphasis will be harmonization of the MB BS curricula on our four campuses, strengthening the governance of the Faculty across campuses and improvements aimed at creating the best learning experience for our students.

DEPARTMENT OF BASIC MEDICAL SCIENCES

Dr. Wayne McLaughlin, BSc *Waterloo*, PhD *UWI*
– Head of Department

WORK OF THE DEPARTMENT



In the 2005/2006 academic year Dr. Wayne McLaughlin succeeded Dr. Oswald Simon as Head of Department. The main objectives of the 2005/2006 academic year were to increase publication output, increase grant proposals and improve fiscal management to reduce over expenditure and most importantly to participate in the accreditation process of the faculty. We wish to extend special thanks to Dr.

James Mills for his dedication and hard work in this process. In the area of research and publication it was also a busy one for both the academic staff and their postgraduate students. The members of the department participated in several conferences and there was a significant increase in publications. The per capita publication rate for the department was 1.24, up from 0.6 the previous year. Several academic staff and postgraduate students were successful in getting research funds from the Principal's New Initiative Funds, the School for Graduate Studies and Research, and external funding agencies amounting to approximately US\$174,000. Dr. Maxine Gossell-Williams was the most successful academic staff member with a sub-contract from University of North Carolina for US\$58,299.00 to continue her work on choline supplementation and neuro-development. With over 80 post-graduate students research however continues to be severely under-funded. Although the Department saw an increase in its budget several measures were put in place to monitor expenditure. These included monthly management meetings and reporting on expenditure from each section on a weekly basis. A full inventory of chemicals and reagents was undertaken in the Biochemistry Section and a computerized inventory system established. This process

will be expanded to the other departmental sections in the near future.

In November 2005, the Department brought into service its state-of-the-art Forensic DNA laboratory, **Caribbean Genetics (CARIGEN)** with an ABI 3130 DNA analyser and the hiring of a Forensic DNA analyst, Mr. Compton Beecher. CARIGEN is an independent forensic DNA laboratory and has so far been involved in a landmark case by providing DNA evidence to free a man who was incarcerated for four years after being accused of rape. The facility is also playing a key role by providing laboratory courses in forensic genetics to undergraduate students in both the MBBS and the Faculty of Pure and Applied Sciences (FPAS) molecular biology courses. The laboratory is currently preparing to provide genomic sequencing services to researchers.

The past year also saw significant increases in undergraduate student enrolment in all three programmes in the department (MB BS, FPAS Biochemistry and BB Med Sci.). Last year 169 new students were accepted in the MBBS programme, 188 in FPAS biochemistry programme and 18 in the BB Med Sci programme. The department also continued to teach students in the Allied Health programmes offered to nursing and physiotherapy students. The department was also very successful in graduate expansion with 10 new students accepted into various research programs. The building of the new Physiology lecture theatre, and the refurbishing of the Pre-Clinical lecture theatre as well as the Physiology/Pharmacology laboratory were welcomed additions to the department's teaching facilities. A new undergraduate computer laboratory with 18 computer stations was established in the Department. In addition the Histology laboratory was refurbished primarily to improve the aesthetics and a new audio system installed. However, the expansion of the gross anatomy laboratory during the summer did not take place as planned. The good news is that a new Basic Medical Sciences complex is being planned and construction should begin by January 2008.

The Department said farewell to Dr. Fritz Guldner, Professor of Anatomy and Mrs. Tazhmoye Crawford-Brown, Senior Administrative Assistant. Professor Helen Asemota was on secondment for 9 months to Shaw University, North Carolina, USA while Dr. Simon went on well deserved sabbatical. The Department welcomed back Dr. Michelle Hamilton who was on leave and completed her MBBS degree. Dr. Hamilton was awarded tenure and Dr. Kerith Golden was promoted to senior lecturer. Dr. Keerti Singh joined the department as a new lecturer in Anatomy. Her main research interest is in mesterolone therapy in oligospermic males.

STAFF AWARDS

Dr. Paul Brown

- American Society for Microbiologists (ASM) - Early Career Travel Award.

Dr DalipRagoobirsingh

- Fulbright Fellowship - Non-Communicable Diseases Unit, Pan American Health Organization (PAHO) Head- quarters, Washington, D.C., USA.

PAPERS PRESENTED

- Bahado-Singh, P.S., Wheatley, A. O., Osagie, A.U., Boyne, M., Morrison, E.Y. St. A, Ahmad, M.H. and Asemota, H.N. (2006) Glycemic Indices of some commonly eaten Caribbean foods and dietary intervention using low glycemic index foods to achieve normoglycemia in type 2 Diabetics. Morgan State University 2nd International Complimentary and Alternative Medicine Conference, Baltimore, U.S.A. – May 26 - 27, 2006.
- Bahado-Singh, P.S., Wheatley, A. O., Osagie, A.U., Boyne, M., Choo-Kan, E., Morrison, E.Y.St.A, Ahmad, M.H. and Asemota, H.N. (2006) Effect of low glycemic index dietary advice on glycemic control and inflammatory markers in adult type 2 diabetics in Jamaica. Northern Caribbean University 7th Science Symposium, Mandeville, Jamaica.
- Brown, P.D. (2006). Methicillin resistance among isolates of *Staphylococcus aureus* from community and hospital sources in Jamaica. 12th International Congress on Infectious Diseases, Lisbon, Portugal. June 15-18, 2006.
- Brown P.D. (2006). Trends in laboratory diagnosis and notifications of human leptospirosis. PAHO/WHO Seminar on leptospirosis, Kingston and Montego Bay, August 3-4, 2006
- Brown, P.D. (2006). Antimicrobial resistance. Jamaica Medical Doctors Association Annual Symposium, Kingston, August 10, 2006.
- Campbell J., Levy A., and O. Simon. (2006) An investigation of the anti-inflammatory potential of pimento diocia in a rat arthritic

- models. 2006 Conference of the Federation of American Society for Experimental Biology.
- Gossell-Williams M, Laidley D, McDaniels E, Jarrett, M and Thomas-Osbourne P. Survey of Pharmacists' attitudes towards herbal products, nutraceuticals and dietary supplements. Pharmaceutical Society of Jamaica Retreat June 23-25, 2006 Sunset Jamaica Grande St. Ann Jamaica.
 - Gossell-Williams M, Williams- Johnson J, Simon O. Trends from the UHWI of non-fatal intentional and accidental self poisoning with benzodiazepines tricyclic antidepressants, paracetamol and non-steroidal anti-inflammatory drugs (2006) Caribbean Poison Information Network Conference June 3, 2006. Terra Nova Hotel, Kingston Jamaica.
 - Gossell-Williams, M, Fletcher H, Dacosta K, Zeisel S, Jacob, Anderson-McFarlane N. Influence of pregnancy on the fatty acid composition of plasma phosphatidylcholine and on plasma choline concentrations in humans. 2006 Experimental Biology meeting April 1-5.
 - Martin, S., P. D. Brown (2006). Antimicrobial activities of some actinomycetes isolated from plant leaves in Jamaica: a student-centred research project. American Society for Microbiology Conference for Undergraduate Educators, Orlando, Florida, USA, May 19 - 21, 2006.
 - Martin, S., P. D. Brown (2006). Antimicrobial activities of some actinomycetes isolated from plant leaves in Jamaica. 12th International Congress on Infectious Diseases. Lisbon, Portugal, June 15 - 18, 2006.
 - McFarlane-Anderson, N. (2005). Use of new technologies in investigating diseases in Jamaica. Proceedings TWOWS Conference, Bangalore, India, 2005.
 - McFarlane-Anderson, N. (2006) When life begins. Perinatal Conference, UHWI Mona, February 2006.
 - McFarlane-Anderson, N. (2006) Research ethics: National guidelines. 2nd Research Ethics Conference, UWI Mona, May 2006.
 - Ragoobirsingh, D. and A. Barceló (2006) A Diabetes Education Curriculum for the Caribbean UWI Diabetes Outreach Project

12th International Conference on Diabetes, March 2-5, 2006, Ocho Rios, Jamaica.

- Powell, S., R L Lindo, T.Dasgupta, D C Crans. Blood glucose lowering effect of vanadium dipicolinate $\text{NH}_4 \{ \text{VO} [\text{dipic-Cl}] \text{H}_2\text{O} \}$ on normal and Streptozotocin-induced diabetic rats. Faculty of Medical Sciences 14th Annual Research Conference and Workshop on Clinical Trials: Building Capacity and Competence, November 16-18, 2005.
- Reddy, Munitha K., Ruby Lisa Alexander-Lindo and Muraleedharan G.Nair. Relative Potencies of Natural Food Colors Based on Lipid Peroxidation, Cyclooxygenase Enzymes and Human Tumor Cell Proliferation Inhibitory Activities. 46th Annual Meeting of the American Society of Pharmacognosy, Oregon State University, Corvallis, Oregon, July 23-27th, 2005.
- Singh PDA, Shirley-Singh D and Singh-Gandretti, PE (2006) Cardiovascular effects of two plant extracts used in folklore medicine by Caribbean ethnic populations. 21st Annual Interdisciplinary Conference on Hypertension and Related Cardiovascular Risk Factors in Ethnic Populations, ISHIB, Atlanta, p. 50.
- Young, L. (2005) Effects of estrogen and testosterone on the rate of learning and extinction time in negative patterning discrimination in aged male rats. 35th Annual International Meeting of the Society of Neuroscience (SfN) November 11-16, 2005 Washington D.C. USA.

Presentations made at the Faculty of Medical Sciences Annual Conference, November 16 - 18, 2005.

- Gossell-Williams, M., H Fletcher, S Zeisel, N. McFarlane-Anderson, A Jacob, J Patel Longitudinal Assessment of plasma choline and metabolites in pregnant women attending the antenatal clinic at UHWI.
- Grant, JA., YA Jackson, M Gossell-Williams. The synthesis and Pharmacological Activity of some Novel 1, 3- Diazepinium Chlorides.

Presentations made at Therapeutic Patient Education 2006, April 27- 30, 2006, Florence, Italy.

- Less, L., G. Xuereb and D. Ragoobirsingh: Jamaica's Status Progress within Dawn's call to action.
- Ragoobirsingh, D. and A. Barceló (2006) Diabetes Education Curriculum for the Caribbean
- Xuereb, G., L. Less and D. Ragoobirsingh (2006) Lay Educators for People With Diabetes: The Caribbean Experience.
- Xuereb, G., and D. Ragoobirsingh: Best Care and Practices in the Caribbean.

7th Biannual Scientific Conference of the Faculty of Pure and Applied Sciences, UWI, Mona, Kingston, Jamaica, May 17- 19, 2005.

- Campbell, S., R. L. Lindo and Tara Dasgupta (2005). The Effect of Reducing Agents on the Bioactivity of S- Nitrosocaptopril.
- Earle-Barrett, S.T., Wheatley, A.O. and Asemota, H. N. (2005) RAPD fingerprinting of twenty-five Jamaican *Dioscorea* cultivars.
- Powell, M., Wheatley, A.O., Williams, N., Omoruyi, F., Asemota, H.N. and Tennat, P.F. (2005) Safety assessment of transgenic papaya (*Carica papaya*) in rat models: Histopathology studies.
- Powell, S-A., R. L. Lindo, Tara Dasgupta, D. Crans. Insulin-Enhancing Effects of Vanadium Dipicolinate (NH₄[dipic-Cl].H₂O) on Type1 STZ-Induced Diabetes Rats.
- Riley, C.K., Adebayo, A.S., Wheatley, A.O., Ahmad, M.H. and Asemota, H.N. (2005) Micrometrics of some Jamaica yam (*Dioscorea* spp.) starch powders and implications in tablet and capsule formulations

PUBLICATIONS

Books and monographs

- * Morrison E and D. Ragoobirsingh (2006). "The Epidemiology of Diabetes in the Caribbean". In: World Book on Epidemiology of Diabetes, John Wiley & Sons Publishing Company London, England.
- * Ragoobirsingh R and Ann Fullick (2006) "Human and Social Biology for Caribbean Secondary Education Certificate". Pearson/Longman Publishing for the Caribbean, London, England.

- * Barcelo, A., C.D. Karkashian, E. Duarte de Munoz and D. Ragoobirsingh (2006) “Atlas of Diabetes Education in Latin America and The Caribbean”. Pan American Health Organization Publication, Washington, DC, USA.

Refereed Journals Articles

- * Alexander-Lindo, M. K, Ruby Lisa and Muraleedharan G. Nair. (2005). Relative Inhibition of Lipid Peroxidation, Cyclooxygenase Enzymes and Human Tumor Cell Proliferation by Natural Food Colors. *Journal of Agricultural and Food Chemistry* 53, 9268- 9273.
- * Ashby M. K. (2006) Distribution, structure and diversity of Bacterial genes encoding two-component proteins in the *Euryarchaeota* *Archaea* [<http://www.archaea.ws>]
- * Ashby M. K. and Jean Houmard. (2006) Cyanobacterial two component proteins: structure, diversity, distribution and evolution. *Microbiology and Molecular Biology Reviews*. 70: 472-509.
- * Badal S, P. D. Brown and D. Ragoobirsingh (2006). Exogenous nitric oxide inhibits IRS-1 expression in rat hepatocytes and skeletal myocytes. *Journal of Biomedical Science* 13(4): 561-568.
- * Badal S, P. D. Brown and D. Ragoobirsingh (2006). Nitric oxide agents impair insulin-mediated signal transduction in rat skeletal muscle. *BMC Biochemistry* 7:17-44.
- * Brown P. D. and C. Ngeno. (2006) Antimicrobial resistance in clinical isolates of *Staphylococcus aureus* from hospital and community sources in southern Jamaica. *International Journal of Infectious Diseases* DOI:10.1016/j.ijid.2006.04.005
<http://dx.doi.org/10.1016/j.ijid.2006.04.005>
- * Brown, S., B. Been, and W. McLaughlin (2006) Detection and variability of the lethal yellowing group (16Sr IV) phytoplasma in the *Cedusa* sp. (Hemiptera: Auchenorrhyncha: Derbidae) in Jamaica. *Annals of Applied Biology*. 149: 53-62.
- * Buglyo P, Debbie C. Crans, Eszter M. Nagy, Ruby Lisa Lindo, Luqin Yang, Jason J. Smee, Wenzheng Jin, Lai-Har Chi, Michael E. Godzala III and Gail R. Willsky. (2005). Aqueous Chemistry of the Vanadium (III) (V(III)) and the V (III)-Dipicolinate Systems and a Comparison of the Effect of Three Oxidation

States of Vanadium Compounds on Diabetic Hyperglycemia in Rats. *Inorganic Chemistry* 44 (15): 5416-5427.

- * Dilworth, Lowell, Felix O. Omoruyi, Helen N. Asemota, (2006). *In vitro* availability of some essential minerals in commonly eaten processed and unprocessed Caribbean tuber crops. *BioMetals* p. 1 - 6, DOI 10.1007/s10534-006-9012-4: <http://dx.doi.org/10.1007/s10534-006-9012-4>
- * Dilworth, L., Omoruyi, F.O. and Asemota, H.N. (2005). Digestive and transport enzymes in rats fed Phytic acid extract from sweet potato (*Ipomoea batatas*) *Diabetologia Croatica* 34 (2):59-65.
- * Gossell-Williams, M., O. Simon, L. Young, M. West. (2006). Choline supplementation facilitates memory consolidation into intermediate long-term memory of young Sprague-Dawley rats. *West Indian Medical Journal*. 55(1):4-8.
- * Gossell-Williams, M., H. Fletcher, N. McFarlane-Anderson, A. Jacob, J. Patel, S. Zeisel (2005). Dietary intake of choline and plasma choline concentrations in pregnant women in Jamaica. *West Indian Medical Journal*. 54 (6): 353-359.
- * Gossell-Williams, M., A. Davis and N. O'Connor. (2006) Inhibition of testosterone-induced hyperplasia of the prostate of Sprague- Dawley rats by pumpkin seed oil *Journal of Medicine Foods* 9(2):284-6
- * Kahwa E.K, L.A. Sergeant, A. McCaw-Binns, N. McFarlane-Anderson. (2006). Anticardiolipin antibodies in Jamaican primiparae. *Journal of Obstetrics and Gynaecology* 26: 122-126.
- * McAnuff, M. A., Harding, W.W., Omoruyi, F. O., Jacobs, H., Morrison, E.Y., Asemota, H.N., (2005) Hypoglycemic effects of steroidal sapogenins isolated from Jamaican Bitter yam (*Dioscorea polygon ides*). *Food and Chemical Toxicology* 43, 1667-1672.
- * McGrowder D, K. Barrett, P. Brown and D. Ragoobirsingh (2005). Exogenous Nitric Oxide Inhibits Glucose Uptake Peripheral Tissues of Diabetic Rat Models. *Diabetologica Croatica* 34(3):77-85.
- * McGrowder D, P. Brown and D. Ragoobirsingh (2006). Therapeutic Uses of Nitric Oxide donating Drugs in the

Treatment of Cardiovascular Diseases. *International Journal of Pharmacology* 2(3):268-275.

- * McGrowder D, D. Ragoobirsingh and P. Brown (2006). Acute effects of exogenous nitric oxide on glucose uptake in skeletal muscle of normoglycaemic and diabetic rats. *Medical Science Monitor* 12(1): BR28-35.
- * McGrowder D, D. Ragoobirsingh & P. Brown (2006). Therapeutic uses of nitric-oxide-donating drugs in the treatment of cardiovascular diseases. *International Journal of Pharmacology* 2(3): 268-275.
- * McGrowder D, P. Brown and D. Ragoobirsingh (2006). Modulation of Glucose Uptake in Adipose tissues by Nitric Oxide Generating Compounds. *Journal of Biosciences* 31 (3):347-354.
- * McGrowder, D., D. Ragoobirsingh, T. Dasgupta and P. Brown (2004). The Effect of Nitric Oxide on Glucose Metabolism. *Journal of Molecular and Cellular Biochemistry*. 263, 29-34.
- * Miles T, W. McLaughlin and P. D. Brown (2006). Antimicrobial resistance of *Escherichia coli* from broiler chickens and humans. *BMC Veterinary Research* 2:7.
- * Morrison, S. S., Mullineaux, C. W., and Ashby, M. K. (2005). The influence of acetyl phosphate on DspA signalling in the cyanobacterium *Synechocystis* sp. PCC6803. *BMC Microbiology*, 5: 47.
- * Murray, CSG, Singh PDA, Coard KCM and Aiken WK (2006) An investigation of the ability of Lescol® (fluvastatin) to initiate programmed cell death in human prostate cancer. *West Indian Med Journal* 55(S2): 63.
- * Myrie, W. A., L. Paulraj, M. Dollet, D. Wray, B. O. Been, and W. McLaughlin (2006). First report of coconut lethal yellowing disease caused by phytoplasma on Nevis Island. *Plant Disease*. 90: 834.
- * Nichols S. D, Boyne MS, Thame M, Osmond C, Wilks RJ, Bennett FI, McFarlane-Anderson N, Young RE, Forrester TE. (2005) Cold-induced elevation of forearm vascular resistance is

inversely related to birth weight. *Journal of Human Hypertension* 19:309-14.

- * O'Connor A, McFarlane-Anderson N, Duff EM, Wright-Pascoe R., Wint Y. B.(2006) High levels of F2-isoprostanes in Jamaican adults with diabetes mellitus. *International Journal of Diabetes and Metabolism* 14: 51-54.
- * Ragoobirsingh D, E. Y. St. A Morrison, P. Johnson and E. Lewis-Fuller (2006). Dietary Intake and Chronic Diseases in Jamaica-An Island-wide Survey. *Journal of Food, Agriculture and Environment*. 4(2): 31-33.
- * Reddy, M. K., Ruby Lisa Alexander-Lindo and Muraleedharan G.Nair. (2005). Relative Inhibition of Lipid Peroxidation, Cyclooxygenase Enzymes and Human Tumor Cell Proliferation by Natural Food Colors. *Journal of Agricultural and Food Chemistry* 53, 9268- 9273.
- * Russell K. R. M, E. Y. St. A. Morrison and D. Ragoobirsingh (2005). The Effect of Annatto on Insulin Binding Properties in the Dog. *Phototherapy Research* 19, 433-436.
- * Williams O. J., G. S. V. Raghavan, K. D. Golden and Y. Gariepy (2005). Modified atmosphere storage of Cavendish bananas using silicone membrane and diffusion channel systems. *Postharvest Biology and Technology*. 35 (3), 309 – 317.
- * Wissart, J., Omkar Parshad Santosh Kulkarni and (2005). Prevalence of Pre-and postpartum depression in Jamaican women. *BMC Pregnancy and Childbirth*, 5:15.

Other Peer Reviewed Publications/Abstracts

WIMJ = West Indian Medical Journal

- * Bahado-Singh, P.S., Wheatley, A.O., Osagie, A.U., Boyne, M., Choo-Kan, E, Morrison, E.Y.St.A., Ahmad, M.H. and Asemota, H.N. (2006) Effect of low glycemic index foods in the management of type 2 diabetes in the Caribbean. *WIMJ* 55: (Suppl): 41 - 42.
- * Bramwell GA, Levy N, Wirenga A, Fletcher H, McFarlane-Anderson N. (2006) Folate, homocysteine and MTHFR polymorphisms in women with pre-eclampsia. *WIMJ*; 55: 21.

- * Pepple, D.J., A.M. Mullings and H.L. Reid. Fetal Haemoglobin level on pre-eclampsia. *WTMJ* 2006; 55(2): 130.A
- * Powell, S., R. L Lindo, T. Dasgupta, D. C. Crans. (2005) Blood glucose lowering effect of vanadium dipicolinate $\text{NH}_4 \{ \text{VO} [\text{dipic-Cl}] \text{H}_2\text{O} \}$ on normal and Streptozotocin-induced diabetic rats. *WTMJ* 53: (Suppl. 5).
- * Watt A, Fletcher H, Smikle M, Jackson MD, McFarlane-Anderson N. (2006) Sexually transmitted diseases in women attending the UHWI antenatal clinic. *WTMJ*; 55: 28.

INCOME GENERATION

Research Grants:

Professor Helen Asemota and Dr. Andrew Wheatley (Collaborator):

- Environmental Health Foundation – “Nutritional Supplement as a tool for harm reduction in illicit drug addiction: Derivation of mechanism of action in animal model”. J\$300,000 for 2 years.
- Campus Committee for Research and Publication and Graduate Award for Curtis Green. “Metabolic assessment of the citrus peel PMFs on diabetes associated hypercholesterolemia in rats” US\$2,000.
- Campus Committee for Research and Publication and Graduate Award for Dwayne Stennett. “In vivo metabolic effects of bitter yam (*Dioscorea polygonoides*) propriety preparation and organs integrity in animal models of hypercholesterolemia. US\$ 1554.00

Dr. Paul Brown:

- Campus Committee for Research and Publication and Graduate Award for Ewan Finlayson. “Molecular characterization of methicillin-resistant *Staphylococcus aureus* from UHWI”. US\$1,529.10.
- New Initiative Fund – “Molecular and immunological analyses of pathogenic *Leptospira* in Jamaica” US\$22,885.

Dr. Maxine Gossell- Williams

- Sub-contract from University of North Carolina – “Choline supplementation and neurodevelopment study” US\$58,299.00

Dr. Lisa Lindo:

- Campus Committee for Research and Publications and Graduate Award for Kesi Brown. “The effect of nitric oxide releasing compounds on the central nervous system, pre-eclampsia, platelet aggregation, blood glucose concentration and other haemodynamic parameters”. US\$2,000.00.
- Campus Committee for Research and Publications and Graduate Award for Tashna Gentles “The isolation, purification and elucidation of the hypoglycaemic principle’s in *Picrasma excelsa* (Bitterwood)”. US\$2,000.00.
- Campus Committee for Research and Publications and Graduate Award for Sophia Bryan “The Effects of Nitric Oxide Synthase (NOS) inhibitors on glucose metabolism and insulin levels in rats”. US\$2,000.00.

Professor Norma McFarlane-Anderson

- New Initiative Funding – “Human Papilloma Virus (HPV) infection among pregnant and non-pregnant women in Jamaica. US\$ 21,750.
- Campus Committee for Research and Publications and Graduate Award for Angella Watt. “Investigating the prevalence of human papillomavirus (HPV) in pregnant and non-pregnant women in Jamaica. US\$2000.00.
- Campus Committee for Research and Publications and Graduate Award for Garfield Simon to visit to London Metropolitan University (LMU) for 3 three months to conduct research on phytoestrogen in common Jamaica foods. J\$58,345.00. LMU also provided subsistence of Sterling 1000/month.
- Campus Committee for Research and Publications and Graduate Award for Angela Dawkins. “Phytoestrogen level in post menopausal women” US\$2000.00

Dr. Wayne McLaughlin

- Integrated Pest Management (IMP) Collaborative Research Support Project (CRSP) Sub Award Co-PI from Virginia Tech - “Insect-transmitted viruses in Central America, Caribbean and sub-Saharan Africa. US\$12,650.
- Coconut Industry Board, Jamaica. “Identification and characterization of insect vector(s) of lethal yellowing (LY) disease of coconuts in Jamaica” J\$1,600,000.00.
- Ministry of Agriculture – Citrus Replanting Project “Research Services in Plant Pathology” (Jointly with Dr. Paula Tennant) US\$29,600.00.

Dr. Omkar Parshad

- Campus Committee for Research and Publications and Graduate Award for Garsha McCalla. “Anti-Diabetic Properties of Neem (*Azadirachta indica*) leaf extract on STZ induced diabetic rats" US\$722.33

Dr. Oswald Simon

- Campus Committee for Research and Publications and Graduate Award for Janet Shelly. “Investigation of pimento oil and eugenol on monoarthritic rats” US\$600.00 and J\$41,542.00

Dr. Paul Singh

- Campus Committee for Research and Publications and Graduate **Award** for Christopher Murray. “A preliminary investigation of possible apoptotic activity of fluvastatin on human prostatic adenocarcinoma”. US\$2000.00
- Mark Grey “A pharmacological investigation of the hypotensive properties of manilkara zapotal” US\$2000.00

Other income:

Summer School

- Introductory Biochemistry (BC10M) – \$139,224.52

Consultancy Fund

- Rental of Lecture Theatres \$367,758.69

PUBLIC SERVICE

Dr. Paul Brown

- Member, Technical working group on Leptospirosis, Jamaica

Mr. Michael Gardner

- Executive Member, Jamaica Historical Society

Dr. Kerith Golden

- Vice Chairman, Stock Form Road Citizens Association, Golden Spring, St. Andrew
- Member, Editorial Advisory Board for Stewarts Post harvest Review.

Dr. Maxine Gossell-Williams

- Vice President, Optimist Club of North St. Andrew
- Member, Pharmacology Section representative – Central Drug and Therapeutics Committee- Ministry of Health.

Professor McFarlane-Anderson

- Member, International Proxy Parents – Education Committee
- Member, Stella Maris HIV AIDS Ministry
- Member, Friends of Foundation for International Self Help (FISH).

Dr. Wayne McLaughlin

- Deputy Chairman, National Commission on Science and Technology, Jamaica - Biosafety Committee
- Council Member, Jamaica Society for Agricultural Sciences

Dr. Dalip Ragoobirsingh

- Chief Examiner, Caribbean Examination Council, CSEC Human & Social Biology.

Dr. Oswald Simon

- Observer, Technical Advisory Committee for the CARICOM Drug Testing Laboratory

Dr. Paul Singh

- Member, Caribbean Poison Information Network Management Committee

CATEGORIES OF STUDENTS

Undergraduate degree programmes:

MBBS:

The Class of 2009 end of year examination pass rate was 78% and the Class of 2010 end of year examination pass rate was 66%.

BB Med Sci.

The first cohort of the BBMed Sci graduated. Dianne Laidley was awarded first class honours in Pharmacology and Marlon Jarrett was awarded an Upper Second Class honours in Pharmacology.

BSc Biochemistry/Biotechnology/Molecular Biology:

The following students were awarded first class honours:

Kimberley Rudder	–	Biochemistry
Kayann Nelson	–	Biochemistry/Zoology
Sean Swaby	–	Biochemistry/Zoology
Aisha Bailey	–	Biochemistry/Zoology

Postgraduate:

The following students were awarded the PhD degree in Biochemistry:

Cliff Riley
Lowell Dilworth
Rachael Irving

DEPARTMENT OF COMMUNITY HEALTH AND PSYCHIATRY

**Professor Denise Eldemire-Shearer, BA *Bishop's (C)*, MB BS,
PhD UWI – Head of Department**

WORK OF THE DEPARTMENT TEACHING



The main undergraduate teaching activity related to preparing for the Caribbean Accreditation Authority for Medicine and Health Professions (CAAM) exercise and then beginning the process of implementation of and meeting the challenge of student increased load. All modules were reviewed and detailed objectives written and new special study modules were offered. The Undergraduate Programme was particularly challenged by both inadequate financial resources and available computers.

The Postgraduate Programmes continued as before with two (2) PhD's completing, including the first PhD in Clinical Psychology.

Postgraduate teaching continues in Psychiatry, Public Health, and Family Medicine. The DM Family Medicine was suspended for academic review.

The Mona Ageing and Wellness Centre were established within the Department, and began offering placements to Undergraduate and Postgraduate students.

THE UWI/HARP PROJECT

The UWI/HARP group taught part of the Foundation Course entitled "Science, Medicine & Technology in Society" (Course FD 12A) to students for all Faculties except Medical Sciences. Their two-hour session, which was repeated in both semesters, was on the theme, "Health and Disease in the Caribbean."

SERVICES

The department offers a number of service programmes. Clinical services to the public continues through the Health Centre and the Psychiatric Department. The Community Psychiatric Service restarted in Jamaica in 2006, and a new programme was introduced by the section of Psychiatry – CARIMENSA.

The Caribbean Institute of Mental Health and Substance Abuse (CARIMENSA) has been designed as a UWI outreach institution to provide the teaching platform for the applied psychology programme of Cultural Therapy, and the primary prevention platform for using cultural therapy for mental health and substance abuse risk reduction (violence, HIV AIDS, drug abuse etc.) in all age groups at the community level.

Publications of an HIV Policy for the entire University – available on the Mona Campus and St. Augustine Campus websites (www.mona.uwi.edu, www.sta.uwi.edu). HIV/AIDS-related materials development and training of Principals and Guidance Counsellors of all teacher-training institutions in Jamaica. Collaboration with the Joint Board of Teacher Education/HIV clinical care guidelines for the Caribbean-produced by a team of clinical experts and published on the CHART website (www.chartcaribbean.org).

Outreach to out of school youth - seeking ways to include HIV/AIDS education in existing skills-building programmes. Collaboration with the education Development Center, Inc., U.S.A.

Work on the non-governmental organizations in Jamaica

- a) Learning how NGOs interface successfully with the Education Sector
- b) Needs assessment among selected NGOs working in the field of HIV/AIDS with a view of offering further training in leadership and management.

COMMUNITY

Community Outreach is also offered through the Mona Ageing and Wellness Centre of the Department. Ten (10) families were assisted through this activity.

Students

Postgraduate	Enrolled	Completed
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MSc Clinical Psychology	20	–
PhD Clinical Psychology	10	1
DM Psychiatry	6	2
Masters in Public Health (MPH)	28	25
MPhil/PhD Public Health	12	1
MSc/DM Family Medicine	8	5

Undergraduate

One hundred and fifty (150) students, rotating through each of the five (5) years.

Certificate Courses

Community Care of the elderly	18
Emergency Medical Services (trained locally)	631
In association with PAHO (trained regionally)	240

The CHART Coordinating Unit continues to oversee education and training for several categories of health care workers in collaboration with regional and international partners. Between June 2003 and June 2005, the CHART Network of Centres in the

Bahamas, Barbados, Haiti and Jamaica has conducted over 170 training events, reaching more than 1500 persons from 22 countries and territories in the Caribbean.

Evaluations

Evaluations by undergraduate students were in the upper range for both programmes and lecturers. The overall clerkship, both Psychiatry and Community Health averaged 4.2, while lecturers averaged 4.5.

A perfect score of five (5) was received by one staff member.

PAPERS PRESENTED

Bain, B.

- The Caribbean and HIV/AIDS: Plight and Response Symposium. Cheyney University, Pennsylvania, U.S.A. International Consortium of Caribbean Professionals. Nov. 2005.

- Developing the best models of care for patients with HIV in the Caribbean. Ena Thomas Memorial Symposium. Kingston, Jamaica. Nov. 2005.
- Reflections on stigma and discrimination in relation to HIV. Workshop on the Clinical Management of HIV infections in the Bahamas, February 11, 2006
- HIV/AIDS: a multifaceted challenge – an overview of the scientific, social, financial and behavioral issues raised by the current pandemic. Symposium on HIV/AIDS. Faculty of Medical Sciences, UWI, Mount Hope, Trinidad & Tobago.
- The Caribbean HIV/AIDS Regional Training Network. Members of the Island Council, the Private Sector and the Media, St Maarten, Netherlands Antilles. March 24, 2006.
- Epidemiology of HIV/AIDS and other STIs in the English-speaking Caribbean – Current status and Challenges. Grace Baptist Church, Mount Vernon, New York, U.S.A. June 22, 2006.
- (with McGaw, B). Accelerating Training in HIV/AIDS Prevention, Care and Treatment through a Multilingual, Multidisciplinary, Pan-Caribbean Network. Eighth Conference of the UWI Medical Alumni
- Association, St. George's, Grenada, Nov. 2005.

De La Haye W.

- Early Age of Onset of Substance Abuse in Clients Treated in an Adolescent Substance Abuse Clinic in a General Hospital in Jamaica. World Psychiatric Association/Latin American Psychiatric Association Zonal Conference, Caracas, Venezuela March 23, 2006.
- Treatment and Rehabilitation of Substance Abusers with Special Focus on Women and Adolescents. CARICOM / OAS Meeting of Regional Drug Councils, Holiday Inn Sunspree Resort, Montego Bay, Nov. 29, 2005.
- (with Day, M.), A Comparison of Primary Healthcare Needs of Street Out-of-treatment Drug Using Individuals in Three Caribbean Islands. 51st Annual Scientific Meeting of the Caribbean Health Research Council, St. Kitts April 27, 2006.

- (with Harris J.). Early Age of Onset of Substance Abuse in Clients Treated in an Adolescent Substance Abuse Clinic in a General Hospital in Jamaica. Faculty of Medical Sciences Research Conference. UWI, Mona. Nov. 17, 2005.

Eldemire-Shearer, D.

- Ageing and gender as complimentary to health. World Health Organization (WHO) Ageing and Life Course Programme, The International Federation on Ageing (IFA) 8th Global Conference – Copenhagen, Denmark, May 30 – June 2, 2006.
- The Opportunities of Ageing. World Health Organization (WHO) Ageing and Life Course Programme, The International Federation on Ageing (IFA) 8th Global Conference – Copenhagen, Denmark, May 30 – June 2, 2006.
- Age-friendly cities: perspectives from a developing country. World Health Organization (WHO) Ageing and Life Course Programme, The International Federation on Ageing (IFA) 8th Global Conference – Copenhagen, Denmark, May 30 – June 2, 2006.
- Seniors in emergencies. World Health Organization (WHO) Ageing and Life Course Programme, The International Federation on Ageing (IFA) 8th Global Conference – Copenhagen, Denmark, May 30 – June 2, 2006.

Hickling, FW.

- “Misdiagnosis in African Caribbean patients with schizophrenia in England: completing the puzzle. World Psychiatric Association Conference Cairo Sept. 2005
- “Medical and Mental Health Consequences of Post-conflict situations: Jamaica and the Caribbean”. World Psychiatric Association Conference Cairo Sept. 2005
- The use of postcolonial social psychotherapy to challenge the stigma of mental illness in Jamaica. Smith College Sept. 2005.
- Mental Health Research in the Caribbean. Association of Psychiatrists Trinidad & Tobago Conference Oct. 2005.
- Mental health research in the Caribbean. Pan American Health Organization Conference Brazil Nov. 2005.

- Innovative experiences on mental health services development. Pan American Health Organization Conference Brazil Nov. 2005.
- (Robertson-Hickling, H.). The African-Caribbean Population in Britain: Resilience and Risk UWI, Caribbean Migration: Forced And Free, June 13, 2006
- Mental Health Consequences of African Slavery in Jamaica. North East Region Health Authority, Jamaica, Conference Ocho Rios, Nov. 2005.
- Substance Abuse and its impact on Mental Health in Jamaica. Regional Meeting of the Directors of National Drug Councils; Caribbean Community Secretariat & Jamaica National Council on Drug Abuse. Partnering for Change Conference Montego Bay Nov. 28 – 30 2005.
- The European-American Psychosis: A Psychohistoriographic perspectives of Contemporary Western Civilization. Conference to honor Professor Barrington Chevannes. Department of Sociology, Psychology and Social Work, University of the West Indies, Mona, Kingston 7. January 19-21, 2006.
- Colonialism and Mental Health in Jamaica. Annual Conference of Clergy of the Diocese of Jamaica and the Cayman Islands, Ocho Rios February 14, 2006.
- “We never know we woulda reach dis far: The Psychology of Stardom in Jamaican popular culture” Annual Bob Marley Lecture, Reggae Studies Unit, UWI, Mona, Jamaica, Feb. 17, 2006.
- The Post Colonial Challenge to the Stigma of Mental Illness in Jamaica. American Psychiatric Association 159th Annual Meeting Toronto Canada May 20 - 25, 2006, page 137

Jackson, M.

- Manchester Health & Lifestyle Behaviour Survey, Following a Health Promotion Intervention. Third Country Training Programme – Third Course. June 23, 2006. Ministry of Health, Jamaica.
- Diet and obesity: A global challenge. University of Botswana, May 23, 2006. Botswana.

Lowe, G.

- Anxiety Disorders in Children. PAHO Child and Adolescent Conference, October 2005.
- Adolescent Depression. Caribbean Psychiatric Association Conference Workshop, August 2005.
- Causes and Consequences of Depression. Caribbean Psychiatric Association Conference, August 2005.

Maharaj S.

- Review of Core Mandates and Core Functions of the Caribbean Health Research Council. Grand Barbados Hotel, Nov. 21-23, 2005.

Scarlett, H.

- Asbestos and its health effects at the Western Regional Public Health Inspectors training seminar held Sept., 2005 in Montego Bay and at the North-east Regional Public Health Inspectors training seminar held Oct., 2005 in Annotto Bay.
- Radiological Threats at the Southern Regional Public Health Inspectors training seminar held Oct. 27, 2005 in Mandeville.
- Alcohol induced liver toxicity: 59th Annual General Conference of the Jamaica Association of Public Health Inspectors on Oct. 26, 2005.
- Radiological Threats at the biennial conference of the Caribbean Association of Medical Technologists on Oct. 27, 2005 in Montego Bay.
- Analysis and use of occupational injury data at Workers meeting organized by PAHO/MOH at the Jamaica Conference Centre, Dec. 6, 2005.

Smart, Cherry Ann

- Addressing Information Dissemination and Research on Ageing in the Caribbean, Conference of the Association of Caribbean University, Research and Institutional libraries (ACURIL). Wyndham Resort, Aruba; May 28 – June 2, 2006.

Paul TJ

- (with Mitchell A, **Maharaj SR.**) “Building diversity in community health teaching: The contribution of special study modules

- (SSMs).” 51st Annual Caribbean Health Research Council Meeting. St Kitts Marriott Resort, April 2006.
- (with Matthews A, Mitchell AD, **Maharaj SR, Williams-Green P.**) “Medical students’ audit of chronic disease care in a service-learning environment.” 10th Annual Meeting of the International Association of Medical Science Educators (IAMSE), University of Puerto Rico School of Medicine, July 16 -18, 2006.
 - (with Mitchell AD, **Maharaj SR, La Grenade J.**) “The ebb and flow of medical students into the Caribbean region: the development of on-shore and off-shore medical schools.” 10th Annual Meeting of the International Association of Medical Science Educators (IAMSE), University of Puerto Rico School of Medicine, July 16-18, 2006.
 - (with Mitchell AD, **Segree W, Maharaj SR**) “Medical students’ feedback on rural clinic experiences in Jamaica.” 10th Annual Meeting of the International Association of Medical Science Educators (IAMSE), University of Puerto Rico School of Medicine, July 16-18, 2006.
 - (with Maharaj SR) “Whose standards for accreditation of medical undergraduate training in the Caribbean?” 6th ACHEA Conference on Managing Higher Education in a Rapidly Changing Global Landscape; St Kitts Marriott Resort. July 5th - 8th 2006.
 - (with **La Grenade J, Maharaj, S.** Mitchell A.) “Medical students’ feedback on a revised health services management module.” UWI Medical Alumni Association International Medical Conference: Nov. 2005.
 - (with **Maharaj S,** Mitchell S) “Reflecting on rural health in Jamaica – re-opening medical students’ diaries.” UWI Medical Alumni Association International Medical Conference: Nov. 2005.

PUBLICATIONS

WIMJ = *West Indian Medical Journal*

Peer Reviewed

- * Heslop O.D., Smikle M.F., Deer D., Christian M.A., Vickers I.E., Harvey K.M., Figueroa J.P., Christie C.D.C., **Bain B.**, Barton E.N. Human Immunodeficiency Virus type 1 (HIV-1) Sub-types in Jamaica. *WIMJ*; 54 (5):277-352, (2005)
- * **Jackson M.** Screening, Referral and Early Intervention for Children 0–8 years old at Risk for Under- and Over- Nutrition and Poor Growth in Jamaica. Caribbean Children: *Journal of Children's Issues Coalition* 2006; 3 (special issues): 45-67.
- * **Hickling FW:** Axel Klein, Marcus Day, Anthony Harriott, Editors, Caribbean Drugs. From Criminalization to Harm Reduction, Zed Books/Ian Randle Publishers, London/Jamaica (2004). *International Journal of Drug Policy*. 16(6), 436-437, Dec. 2005
- * **Hickling FW**, The epidemiology of schizophrenia and other common mental disorders in the English-speaking Caribbean, *Pan American Journal of Public Health* 2005, 18(4/5), 256-261
- * Abel WD, Gibson R, **Hickling, FW**. Depression: A major Public Health Problem Facing the Caribbean. Editorial, *WIMJ* 54: 353-354, Dec. 2005
- * **Jackson M**, Ashley D. Physical and psychological violence in Jamaica's health sector. *Rev Panam Salud Publica* 2005;18(2):114-21.
- * **Lowe G**, Gibson R. Depression in Adolescence: New Developments. *WIMJ*; March 2006.
- * **McCaw-Binns A.** Safe Motherhood in Jamaica: from slavery to self-determination. *Paediatric and perinatal Epidemiology* 2005; 19(4):254-261.
- * Mitchell A, Paul TJ, La Grenade J, **McCaw-Binns A**, Williams-Green P. Assumptions about disease treatment challenged in a family health clerkship: views of first clinical year medical students. *Education for Health* 2005; 18(1): 14-21.
- * Kahwa EK, Sargeant LA, **McCaw-Binns A**, McFarlane-Anderson N, Smikle MF, Forrester TE, Wilks RJ. Anti cardiolipin antibodies in Jamaica primipare. *Journal of Obstetrics and Gynecology* 2006; 26(2): 122-126.

- * **Paul, TJ, Scarlett, H and Bain BC.** “Re-opening the anthrax files in Jamaica – tracking a forgotten disease.” *Veterinary History*. Vol 13:2 pp 134-140, 2006.
- * **Paul, TJ, Mitchell, A, LaGrenade, J, McCaw-Binns, A, Falloon, D and Williams-Green, P.** “More questions than answers? Expanding students’ reflections from a community health experience.” *Education for Health* 19(2):244-250, 2006.
- * **Paul, TJ, Mitchell A, Nembhard OD.** “The range of clinical procedures conducted by physicians in a group general practice setting.” *General Practice On-Line*.
<http://www.priory.com/fam/procedure.pdf>. 2005.
- * **Paul, TJ, Nembhard OD.** “The profile of frequent attenders in a group general practice.” *General Practice On-Line*.
<http://www.priory.com/fam/attender.htm>, 2005.

Non-Peer Reviewed

- * **Bain. B.** HIV/AIDS and Workforce Productivity. *Caribbean Journal of Technical and Vocational Education and Training*, 2005; 1(1): 46-52.
- * **Paul TJ.** “Relationship medicine” *The Yale Journal of Humanities in Medicine*.
<http://info.med.yale.edu/intmed/hummed/yjhm/regular/tpaul.htm>, 2006

Books

- * **Hickling, F.W.** and Sorel, E. (Eds.). Images of psychiatry: the Caribbean Kingston: Department of Community Health and Psychiatry, University of the West Indies. 2005.

Book Chapters

- * **Bain, B.** HIV/AIDS – the Rude Awakening/Stemming the Tide in Health issues in the Caribbean, Ed O. Morgan. Kingston, Miami; Ian Randle Press 2005.
- * **Eldemire-Shearer, D.** Ageing – The Reality in Health issues in the Caribbean, Ed O. Morgan. Kingston, Miami; Ian Randle Press 2005.

- * **Eldemire-Shearer, D, Gibson, RC.** Geriatric Psychiatry in Hickling, F.W. and Sorel, E. (Eds.) Images of psychiatry: the Caribbean. Kingston: Department of Community Health and Psychiatry, University of the West Indies. 2005.
- * **Hickling F.W.** Tertiary Training For Global Health Needs: The Role of The University of The West Indies In Training Medical Professionals of The Caribbean Diaspora. Tertiary Training For Global Health Needs Ed Holding R, Hall, K. Kingston: Ian Randall Publications 2005.
- * **Hickling, FW** “Mental Health in the Caribbean – New Paradigms” Health issues in the Caribbean, Ed O. Morgan. Kingston, Miami; Ian Randle Press 2005
- * **Hickling, FW** “Tertiary Training for Global health Needs: The Role of the University of the West Indies in Training Medical Professionals in the Caribbean Diaspora”. P 104-118. Revisiting Public Education Policy in Jamaica: Towards Personal Gain or Public Good? Eds. Rheima Holding and Olivene Burke. Kingston, Miami, Ian Randle Publishers 2005
- * Hutchinson G, **Hickling FW.** - Epidemiology of mental illness. In: Hickling, F.W. and Sorel, E. (Eds.) Images of psychiatry: the Caribbean. Kingston: Department of Community Health and Psychiatry, UWI. 2005.
- * **Hickling, FW**, Sorel E. “Introduction.” In: Hickling, F.W. and Sorel, E. (Eds.) Images of psychiatry: the Caribbean. Kingston: Department of Community Health and Psychiatry, UWI. 2005.
- * **Hickling, FW.** Catalyzing Creativity: Psychohistori- graphy, Sociodrama and Cultural therapy. In: Hickling, F.W. and Sorel, E. (Eds.) Images of psychiatry: the Caribbean. Kingston: Department of Community Health and Psychiatry, UWI. 2005.
- * **Hickling FW**, Hickling HR, Hutchinson G. “Caribbean Migration and Mental Health.” In: Hickling, F.W. and Sorel, E. (Eds.) Images of psychiatry: the Caribbean. Kingston: Department of Community Health and Psychiatry, UWI. 2005.
- * **Hickling FW**, Gibson RC. “History of Caribbean Psychiatry.” In: Hickling, F.W. and Sorel, E. (Eds.) Images of psychiatry: the

Caribbean. Kingston: Department of Community Health and Psychiatry, UWI. 2005.

- * **Hickling FW**, Gibson, RC. "Philosophy and epistemology of Caribbean Psychiatry." In: Hickling, F.W. and Sorel, E. (Eds.) Images of psychiatry: the Caribbean. Kingston: Department of Community Health and Psychiatry, UWI. 2005.
- * Abel W, McCallum M, **Hickling FW**, Gibson RC. "Mental health services and public policy in Jamaica." In: Hickling, F.W. and Sorel, E. (Eds.) Images of psychiatry: the Caribbean. Kingston: Department of Community Health and Psychiatry, UWI. 2005.
- * **Hickling FW**, Lolas F, Sorel E, Hutchinson G. "Ethical Issues in Psychiatry: A Caribbean Perspective" Images of Psychiatry: The Caribbean. Ed Hickling FW, Sorel E. Kingston, Jamaica: Department of Community Health and Psychiatry, UWI, Mona, 2005.
- * Samms-Vaughan, M, **Jackson, M**, Ashley, Deanna. School Achievement and Behaviour in Jamaican Children in Health issues in the Caribbean, Ed O. Morgan. Kingston, Miami; Ian Randle Press 2005.

Abstracts

- * Day M, **De La Haye W**. A comparison of Primary Healthcare Needs of Street Out-of-treatment Drug Using Individuals in Three Caribbean Islands. *WTMJ*, 2006; 55 (Suppl. 2) 34.
- * **De La Haye W**. Early Age of Onset of Substance Abuse in a Child and Adolescent Clinic in Jamaica. *World Psychiatric Association/Latin American Psychiatric Association Zonal Conference* - March 2006: 34.
- * **De La Haye W**, Harris J. Early Age of Onset of Substance Abuse in Clients Treated in an Adolescent Substance Abuse Clinic in a General Hospital in Jamaica. *WTMJ*, 2005; 5 (Suppl. 5): 24.
- * Day M, **De La Haye W**, Gough H. Prevalence of HIV and Other Sexually Transmitted Infections among Urban Street Substance Abusers in Kingston, Jamaica. *WTMJ*, 2005; 5 (Suppl. 5): 37.

- * Leiba J, **Hickling FW**. Conduct Disorder in children and adolescents in urban Jamaica. *WIMJ* 53: (Suppl. 5) 36, 2005.
- * Halliday S, Irons-Morgan M, **Hickling FW**. Consultation – Liaison Psychiatric Services in an Urban General Hospital in Jamaica. *WIMJ* 53: (Suppl. 5) 25. 2005.
- * Abel, WD, Fox K, Forrester S, Wellington I, **Hickling FW**. Drug use among adolescents in Jamaica. *WIMJ* 53: (Suppl. 5) 31, 2005.
- * Arthur C, Robertson-Hickling H, Abel WD, **Hickling FW**. Stigma and attitudes to mental illness in Jamaica. *WIMJ* 53: (Suppl. 5) 34, 2005.
- * **Hickling FW**, Robertson-Hickling H, Guszder J, Snow S, Kirmayer L Psychohistoriographic cultural therapy: The Case Study of Montreal. *WIMJ* 53: (Suppl. 5) 34, 2005.
- * Haynes TS, **Hickling FW**, Bruce CAR. Cognitive Rehabilitation in brain injury. *WIMJ* 53: (Suppl. 5) 42, 2005.
- * Leiba JA, Milbourn PE, **Hickling FW**. Conduct disorder in children and adolescents in urban Jamaica. *WIMJ* 54 (Suppl) 2006.
- * Halliday SR, Irons-Morgan M, **Hickling FW**. Consultation – Liaison psychiatric services in an urban general hospital in Jamaica. *WIMJ* 54 (Suppl) 2006.
- * **Hickling FW**, Gibson RC, Abel WD. Mental health research in the Caribbean: An analysis of Faculty of Medical Sciences Research Day and Caribbean Health Research Council abstracts. *WIMJ* 54 (Suppl) 2006.
- * Bramwell G, Wierenga A, **Jackson M**, Fletcher H, McFarlane-Anderson N (2006). MTHFR genotypes, homocysteine and folate levels in women with pre-eclampsia. Caribbean Health Research Council, St. Kitts. *WIMJ* Vol. 55, (Suppl.2):21.
- * Manswell M, Antoine M, **Jackson M**, Thame M (2006). Weight retention within the puerperium in adolescents – A risk factor for obesity? Caribbean Health Research Council, St. Kitts. *WIMJ* Vol. 55, (Suppl.2):28.

- * Watt A, Smikle MF, Fletcher H, **Jackson M**, McFarlane-Anderson N (2006). Sexually transmitted infections in pregnant women attending antenatal clinic at the University Hospital of the West Indies, Jamaica. Caribbean Health Research Council, St. Kitts. *WIMJ*. Vol. 55, (Suppl.2): 39.
- * Lipps G, **Lowe G**. Validation of the Beck Depression Inventory in a Jamaican Cohort. *WIMJ*, April 2006; 55, (Suppl 2) 69.
- * Lipps G, **Lowe G**. The Validation of the Brief Screen for Depression in a Jamaica Cohort. *WIMJ*, 2005; 53, (Suppl 5) 35.
- * **Paul, TJ, LaGrenade J, Maharaj, S, Mitchell A**. “Medical students’ feedback on a revised health services management module.” *WIMJ*, Nov. 2005. 54 (Suppl. 4): 9.
- * **Paul TJ, Maharaj S**, Mitchell S “Reflecting on rural health in Jamaica – re-opening medical students’ diaries.” *WIMJ*, Nov. 2005. 54 (Suppl. 4): 10.
- * Day M, **De La Haye W**, Gough H. Prevalence of HIV and Other Sexually Transmitted Infections among Urban Street Substance Abusers in Kingston, Jamaica. *WIMJ*, 2005; 5 (Suppl. 5): 37

Technical Reports

- * **Hickling FW**. Contributed expert opinion and technical input: World Health Organization 2005: Ed M. Funk. 2005: Human Rights & Mental Health Legislation ISBN 92 4 156282 X Mental Health Policy, Plans and Programmes ISBN 92 4 54646 8
- * **Hickling FW**. Contributed expert opinion and technical input: World Health Organization 2006: Ed M. Funk. 2006: Human Resources and Training in Mental Health ISBN 92 4 154659 X
- * Edson, W, Burkhalter, B, Harvey, SA, Boucar, M, Hermida, J, Ayubaca, P, Bucagu, M, Gbangbade, S, **McCaw-Binns, A**. Safe Motherhood Studies – timeliness of in Hospital Care for treating obstetric emergencies. Published for USAID (contract number GPH-C-00-02-00004-00) by the Quality Assurance Project: Bethesda, MD, March 2006 (36 pages).
www.qaproject.org/pubs/PDFs/3rdDelay.pdf

- * Burkhalter, B, Edson, W, Harvey, S, Boucar, M, Djibrina, S, Hermida, H, Ayabaca, P, Bucagu, M, Gbanbade, S, **McCaw-Binns, A.** Quality of obstetric care observed in 14 hospitals in Benin, Ecuador, Jamaica and Rwanda. Published for USAID (contract number GPH-C-00-02-00004-00) by the Quality Assurance Project: Bethesda, MD, March 2006.

Monograph

- * **Bain, B.** HIV/AIDS Resource Manual for use in the Health and Family Life Education. (Contributor). Produced and published by the UWI HIV/AIDS Response Programme (UWI HARP) and the Joint Board of Teacher Education (JBTE) (2005).

INCOME GENERATING PROJECTS

USAID, \$169,465, Oct 2005-Sept 2006. **CHART RCU**

Centers for Disease Control and Prevention Global AIDS Program, \$418,877, May 2005-Sept 2006. **CHART RCU.**

Pan-Caribbean Partnership against AIDS (part of a grant from the Global Fund to fight AIDS, Tuberculosis and Malaria), \$500,000 Oct 2005-Sept 2006. **CHART RCU**

A Randomized Controlled Trial of Psychohistoriographic Brief Psychotherapy. **Hickling, F.W.** The CHASE Fund, Jamaica J\$4.1M

Grant for the development of the **Caribbean Institute of Mental Health and Substance Abuse (CARIMENSA)** 2005 – 2006. The UWI Mona Strategic Transformation Team J\$5.2M **Hickling, FW.**

A Multicenter, Randomized, Double-Blind, Placebo controlled Study of Two Fixed Oral Doses of Aripiprazole (10mg or 30mg) in the Treatment of Adolescent Patients with Schizophrenia. Otsuka Pharmaceuticals J\$3M **Hickling, FW** J\$727,100.00.

Lipps, G, **Lowe, G.** Factors Associated with Depression among High School Students in Four Caribbean Nations. \$850,000 from the New Initiatives Grant, Principal's Office, May, 2006.

Merck I.A. Corp. KABP study among pharmacists in relation to HIV/AIDS in four Caribbean countries, \$68,000 Aug 2005-Aug 2006. **UWI HARP Unit.**

World Bank. Situational Assessment re HIV/AIDS Education in OECS, \$207,135 Jan 2006-June 2007. **UWI HARP Unit.**

European Union via the Pan-Caribbean Partnership against AIDS. Training needs assessment in relation to HIV/AIDS and behaviour change Barbados, Guyana, Saint Lucia and St. Kitts and Nevis \$44,800 June 2006 – June 2007.

European Union via the Pan-Caribbean Partnership against AIDS to conduct evaluation of outcomes and impact among teachers and students at UWI on implementation of curricula with HIV/AIDS content, \$24,850.

European Union via the Pan-Caribbean Partnership against AIDS to conduct research on men's perceptions, attitudes and beliefs regarding masculinity, gender and gender equity in Barbados and Trinidad and Tobago, \$56,800.

Canadian International Development Agency. Study of perspectives of Jamaican males on Issues of Manhood and Gender Equality, \$100,000 Sept 2005 – Dec 2005, **UWI HARP Coordinating Unit.**

Inter-American Development Bank, via Educational Development Centre, Boston \$66,272 Jan – Dec 2006 **UWI HARP Unit.**

USAID/MOH of Jamaica, \$100,000 Jan 2006 – Dec 2006 **UWI HARP Unit.**

AWARDS TO STAFF

Bain, B. Medical Association of Jamaica Award for Distinguished Service in Medicine, June 2006.

Eldemire-Shearer, Denise. The Gleaner Honour Award in the category: Health & Wellness for 2005, for work with promoting the health and wellness of senior citizens. December 2005.

Eldemire-Shearer, Denise. Certificate of Merit in recognition of outstanding contribution to the field of charity in the Municipality. Kingston & St. Andrew Corporation, Local Government Month, December 2005.

McCaw-Binns, Affette. University of the West Indies, Principal's Award for Most Outstanding Researcher Series of Publications/ Reports: Maternal and Child Health Epidemiology 2004-5.

Paul, Tomlin. Foundation for the Advancement of International Medical Education and Research (FAIMER) Fellowship, 2006.

Paul, Tomlin. World Organisation of National Academies, Colleges and Associations for Family Medicine (WONCA) Global Family Doctor for May 2006.

Scarlett, Henroy. Award received from the Jamaica Association of Public Health Inspectors for “outstanding contribution to environmental health education”, October 2005.

PUBLIC SERVICE

Bain, B.

- UWI Representative and Board Member, Pan-Caribbean Partnership against AIDS (PANCAP). 2003.
- Member, Inaugural Technical Advisory Group on HIV/AIDS of the Pan-American Health Organization. 2005.
- Foundation member, Trans-Caribbean HIV/AIDS Research Initiative. 2006

Eldemire-Shearer, Denise.

- Member, Expert Advisory Group on Ageing and Health, WHO Ageing and Life Course Programme, 1996.
- Chairman, Board of Supervision, Ministry of Local Government, 2002.
- Chairman, National Council for Senior Citizens, Ministry of Social Security, 1992.
- Deputy Chairman, Golden Age Home, Ministry of Local Government, 1998.

Hickling, FW.

- Representative, PAHO Latin American and the Caribbean Network on Mental Health Services,
- Chairman, National Council on Drug Abuse, Jamaica

McCaw-Binns, Affette.

- Temporary Advisor, World Health Organization, Department of Reproductive Health and Research.

- Member, Ministry of Health, Maternal Mortality Committee to monitor progress toward achieving the Millenium Development Goal (MDG) for Maternal Health
- Member, Institute of Medicine, National Academy of Sciences: Expert Panel asked to evaluate the “President’s Emergency Plan for HIV/AIDS Response (PEPFAR)”

Tomlin, Paul

- Member, National Family Board
- Member, Caribbean College of Family Physicians

Gillian, Lowe

- Member, Jamaica Psychiatric Association
- Member, Medical Association of Jamaica

De La Haye, Winston

- Member, Jamaica Psychiatric Association

Nevins, Desmalee

- Member, Jamaica Association for Health Education and Promotions.

DEPARTMENT OF MEDICINE

Professor Everard Nathaniel Barton, BSc (Hons.) UWI, MBBS
Ibadan, DM UWI, FACP, FRCP (Ed) – Head of Department

WORK OF THE DEPARTMENT

The period August 1, 2005 to July 31, 2006 was challenging but rewarding. The strength of the Department is its cohesive and dedicated staff that brings to bear its collective wisdom in problem solving and strategic planning. The continuous assessment process for both undergraduates and postgraduates was completed and initiated. The regulations of the postgraduate programme was reviewed and a research paper/thesis included. The Department's proposal for MPhil and PhD, in addition to the MD, to be offered by the Department was approved.



There was a major thrust to improve the research output of the Department and to expose staff to research methodology and application. The office of research at the Dean's Office was helpful in this venture. Through the clinical trials centre in the office of research at the Dean's Office, the Department was able to have continuing collaboration with overseas centres involved in clinical trials.

There have been significant and rewarding contacts with medical centres overseas. The link with the University of Toronto remains strong. Several postgraduates have been able to do electives there and to return there for subspecialty training after completion of the DM (Internal Medicine). There have been visits from centres in the USA such as, University of Miami, University of Maryland and University of New York and continuing contacts exist with Mayo Clinic, Howard University, University of Panama and University of London. These have been fruitful in that medical students and postgraduates have been involved in elective programmes at these centres. The reports from these centres applaud the clinical training of our graduates. The Department is committed to development of subspecialty training and nephrology and gastroenterology have led the way in this area.

It was a successful year for the Department which received above 90 % rating from its students in terms of teaching. External examiners have stated their satisfaction with the high clinical skills and knowledge base of the undergraduates and postgraduates. The Bachelor of Medicine, Bachelor of Surgery examination in November/December 2005 yielded 100% pass in Medicine but there were only 4 candidates. The May/June 2006 examination yielded 90% pass rate with the most outstanding student in Medicine among all four campus sites being from Mona. A total of 86 students wrote the examination.

The results for the postgraduates were quite satisfactory with high commendations coming from the external examiners. In November/December 2005 DM (Internal Medicine) examination, three out of four Part I candidates were successful. In the May/June 2006 DM (Internal Medicine) examination, three of five Part I and all two Part II candidates were successful. There were eight postgraduate students attending international conferences with four presenting papers.

During this academic year, three members of the Academic Staff were awarded fellowship from international institutions: Dr. R. Wright-Pascoe, the fellowship of the American College of Endocrinology, Professor Charles Denbow was awarded the fellowship of the Royal College of Physicians of Edinburgh. Dr. Winston Williams was elected to the Fellowship of the American Society of Nephrology. Professor Owen Morgan was awarded the Master of the American College of Physicians, the only such person in the Caribbean.

The Department continued its outreach programmes outside Kingston and within Kingston. The Department co-hosted several continuing medical education programmes for General Practitioners in Kingston and members of staff were involved in continuing medical education programmes for general practitioners and health education of the public through organizations such as the Medical Association of Jamaica and the Association of Consultant Physicians.

Professor Charles Denbow authored a book for medical students on “The Clinician’s Guide to the Cardiovascular Examination”. This was well received by students and lecturers.

The Department carries a heavy service burden at the University Hospital of the West Indies. Members of staff are to be commended for their yeoman service to inpatients and outpatients while discharging their teaching duties to undergraduates and post- graduates, conducting

research and providing outreach public service that extends even to rural areas.

PAPERS PRESENTED

Dr. M. Arthurs

- “Ulcerative Colitis & Crohn’s Disease, Diagnosis and Treatment” Holiday Inn, Ocho Rios, Jamaica Pharmaceutical Society, March 26, 2006.
- “Screening for Colorectal Cancer – Is Colonoscopy still the Gold Standard?” Western Chapter, Medical Association of Jamaica, Wexford Court Hotel, Montego Bay, June 2006.

Professor E. Barton

- “Clinical and Laboratory Predictors of Diabetes Type in Youth Onset Diabetes. The 66th American Diabetes Associate Scientific Meeting, June 2006, Washington DC, USA.
- Autoantibodies in a Black Population with Youth Onset Diabetes. American Diabetes Scientific Meeting, June 2006, Washington DC, USA.
- Cardiovascular Risk in a Black Population with Youth Onset Diabetes. American Diabetes Association Scientific Meeting, Washington DC, USA.
- Association of Reactive Arthritis with non-HLA-B27 Alleles in Black Jamaicans, May 2006, American Society of Microbiology, USA.
- Glycaemic and Metabolic Control in Youth with Diabetes Mellitus in Jamaica. November 2005, 14th Annual Research Conference, Faculty of Medical Sciences, Kingston.

Professor C. Denbow

- “The Management of Chronic Stable Angina Pectoris in 2006”, Guyana Medical Association Symposium, Georgetown, January 2006.
- “The Joint National Committee (JNC 7) Report on Hypertension – The Case for Aggressive Blood Pressure Lowering”, University of Guyana Symposium, Georgetown, July 2006.

- “The Practical Management of Hypertension in 2006”, Guyana Medical Association Seminar, Georgetown, July 2006”.
- “Angina pectoris – Fighting an Age old problem” 21st Caribbean Cardiology Conference, Montego Bay, Jamaica, July 2006.

Dr. A. East-Innis

- “Common Skin Manifestations of HIV Infection”, Association of Consultant Physicians of Jamaica Conference, Pegasus Hotel, Kingston, Jamaica, September 2005.
- “Lymphomas Presenting As Cutaneous Granulomas”, Caribbean Dermatology Association Conference, St. Vincent, November 2005.
- “Vitiligo – The Fight For The Melanocyte”, Dermatology Association of Jamaica Conference, Knutsford Court Hotel, Jamaica, March 2006.

Dr. H. Mohammed

- “The heart and Lupus”, Lupus Foundation of Jamaica, October 2005, Kingston, Jamaica.
- “Preventing Heart Disease in Jamaica”, Heart Foundation of Jamaica, October 2005, Jamaica.
- “Identifying and Preventing Heart Attacks”, Lions Club of Jamaica, October 2005, Jamaica.
- “Issues in the Management of Hypertension”, Mandeville branch of Medical Association of Jamaica, October 2005, Jamaica.
- “Heart Disease in Diabetes Mellitus”, Caribbean Cardiac Society quarterly symposium February 2006, Jamaica.
- “Maintaining a Healthy Heart”, Cardiology Unit, UHWI, February 2006, Jamaica.
- “Management of Acute Coronary Syndrome”, June 2006, Kingston, Jamaica.

Professor M. Lee

- Cancer of the Stomach and Colon. Annual Meeting of the Consie Walters Cancer Care Centre, Jamaica, May 2006.
- Viral Hepatitis. Annual Symposium of the Jamaica Medical Doctors Association, Jamaica, August 2006.

PUBLICATIONS

WIMJ = *West Indian Medical Journal*

- * Plummer JM, Duncan ND, Mitchell DIG, McDonald AH, Reid, M, **Arthurs M**. Laparoscopic Cholecystectomy for Chronic Cholecystitis in Jamaican Patients with Sickle Cell Disease: Preliminary Experience. *WIMJ* 2006; 55 (1):22-24.
- * Cawich SO, Mitchell DIG, Newnham, **Arthurs M**. A Comparison of Open and Laparoscopic Cholecystectomy done by a Surgeon in Training. *WIMJ* 2006; 55 (2) 103-109.
- * Heslop OD, Smikle MF, Deer D, Christian NA, Vickers IE, Harvey KM, Figueroa JP, Christie CD, Bain BM, **Barton EN**. Human Immunodeficiency Virus Type-1 (HIV-1) Subtypes in Jamaica. *WIMJ* 2005; 54, 5: 279-282.
- * Besterman E. The Beginnings and Development of the Electrocardiogram. *WIMJ*, 2005; 54; 213-5.
- * Besterman E. The Story of Cardiac Defibrillation *WIMJ*, 2005; 54; 350-1.
- * **East-Innis A**, Rainford L, Dunwell P, Barrett-Robinson D, Nicholson AM. The Changing Pattern of Tinea Capitis in Jamaica. *WIMJ* 2006; 55 (2):85-88.
- * Jackson ST, Smikle MF, Rainford L, **Wright-Pascoe R**. Primary Cutaneous Nocardiosis: An Emerging Pathogen Associated with a Peripheral Intravenous Catheter. *WIMJ* 2006; 55(1): 69
- * Chung ST, Gordon-Perue G, Johnson A, Young N, Hoo CS, **Wright-Pascoe R**, Boyne M. Predictors of Hyperglycaemia Crises and their Associated Mortality in Jamaica. *Diabetes Research and Clinical Practice* 2006; 73: 2: 184 -190.
- * O'Connor A, McFarlane-Anderson N. Duff EN, **Wright-Pascoe R**. High levels of F2- Isoprostane in Jamaican Adults with Diabetes Mellitus. *International Journal of Diabetes and Metabolism* 2006; 14(1): 51-54.

Abstracts

- * Tulloch-Reid MK, Boyne M, Smikle MF, Choo-Kang E, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. The classification of Youth Onset Diabetes Mellitus in Jamaica. *WIMJ*. 2005, 54 (Suppl. 4): 12.
- * Tulloch-Reid MK, Boyne M, Smikle MF, Choo-Kang E, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ. Glycaemic and Metabolic Control in Youths with Diabetes mellitus in Jamaica. *WIMJ* 2005, 54 (Suppl 5): 21.
- * Smikle MF, Tulloch-Reid MK, Boyne MS, Choo-Kang EG, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. Autoantibodies in a Black Population with Youth Onset Diabetes Mellitus. *Diabetes* 2006; 55 (Suppl): A-283.
- * Tulloch-Reid MK, Boyne MS, Smikle MF, Choo-Kang EG, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. Cardiovascular Risk in a Black Population with Youth Onset Diabetes. *Diabetes* 2006; 55 (Suppl 1): A-531.
- * **Denbow, C.** “Angina – Fighting an age old problem” Proceedings of the 21st Caribbean Cardiology Conference (2006) pp 26-27.
- * Johnson A, Younger N, Chung S, Gordon Perue G, Hoo C, **Wright-Pascoe R**, Boyne M. Making Sense of Survival Data: An Example Using Patients with Hyperglycaemic Crises. *WIMJ* 2006; 55 (Suppl2): 62.
- * Choo-Kang E, Irving R, Mills J, **Wright-Pascoe R**. Day-to-day Variation of Microalbumin Excretion. *Clinical Chemistry* 2006. 52; 6: (S) A11.
- * Tulloch-Reid M, Boyne M, Smikle MF, Choo-Kang E, **Wright-Pascoe R**, Barton EN, Wilks RJ, Williams DE
- * Clinical and Laboratory Predictors of Diabetes Type in Youth Onset. *Diabetes* 2006; 55 (Suppl 1): A-230.
- * **Wright-Pascoe R**. The Prevalence of Hashimoto’s Thyroiditis in Spontaneous Hypothyroidism in a Jamaican subpopulation. *Thyroid* 2005, 15: (Suppl 1) S:167-168,

- * O'Connor A, McFarlane-Anderson N, Duff EN, **Wright-Pascoe R**. High levels of F2-Isoprostane in Jamaica Adults with Diabetes Mellitus. *WIMJ* 2006; 55 (Suppl 1):43.
- * Tulloch-Reid M, Boyne M, Smikle MF Choo-Kang E, Parkes R. **Wright-Pascoe R, Barton EN**, Wilks RJ. Glycaemic and Metabolic Control in Youths with Diabetes Mellitus in Jamaica: *WIMJ* 2005; 54 (Suppl 5):21
- * Tulloch-Reid M, Boyne M, Smikle MF, Choo-Kang E, Parkes R, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams D. The Classification of Youth Onset Diabetes Mellitus in Jamaica. *WIMJ* 2005; 54 (Suppl 4):12.
- * **Wright-Pascoe R**. Obesity and Insulin Resistance: Precursors to Type 2 Diabetes Mellitus. *WIMJ* 2005; 55 (Suppl 1): 27-28.
- * Smikle MF, Tulloch-Reid MK, Boyne MS, Choo-Kang EG, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. Autoantibodies in a Black Population with Youth Onset Diabetes Mellitus, *Diabetes* 2006; 55 (Suppl 1): A-283.
- * Tulloch-Reid MK, Boyne MS, Smikle MF, Choo-Kang EG, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. Cardiovascular Risk in a Black Population with Youth Onset Diabetes, *Diabetes* 2006; 55 (Suppl 1): A-531.

PUBLIC SERVICE

Professor E. Barton

- Resource person, Kidney Support Foundation of Jamaica.
- Voluntary Clinical Renal Service to the Public in Manchester, St. Elizabeth and St. Ann.
- Consultant to Charitable Foundations providing healthcare – Diabetes Association of Jamaica.
- Treasurer, Caribbean Association of Nephrologists and Urologists.

Dr. A. East-Innis

- Member, Dermatology Association of Jamaica

Professor M. Lee

- Member, Board of Executive, Food for the Poor
- Member, Medical Committee, Food for the Poor
- Treasurer, Association of West Indian Gastroenterologists.
- Member, Board of Directors, Cancer Care Hospice, Kingston, Jamaica (2006)

Dr. D. Gilbert

- Visiting Lecturer, Columbia Presbyterian Hospital/ Harlem Hospital, Manhattan, New York, USA, September 2005.
- Caribbean coordinator, HAM/TSP International (HIT) Early Study – Multicenter International Study Organized through the International Retrovirology Association

DEPARTMENT OF MICROBIOLOGY

**Professor Monica Smikle, BSc, MSc *Amst.*, PhD *UWI*,
Dip.Clin. Microb. *Lond* – Head of Department**

WORK OF THE DEPARTMENT



Microbiology Department carried out its teaching, research and service programmes throughout academic year 2005/2006 with enthusiasm and success. The department encountered the usual economic limitations to its activities. There was a 3.3% decrease in the number of clinical microbiology specimens processed during academic year 2005/2006 (59,707) compared to 2004/2005 (61,759). Paradoxically there was a matching 3.2% (4,048,022 units compared to 3,921,785 units) increase in workload over 2004/2005.

Income generating projects included diagnostic laboratory services provided to private entities and extra-departmental/extra-mural research projects. Academic staff carried out a substantial amount of extra-departmental teaching of medical microbiology to students in different healthcare training programmes in the University.

The reports of human cases of avian influenza in Asia during 2005/2006 and the risk of an influenza pandemic contributed to the Department's activities. Three members of the academic staff served on Ministry of Health committees concerned with formulating a National contingency plan to face an eventual influenza pandemic. The virus laboratory at Microbiology Department, being the only such facility in Jamaica, was visited and assessed by a technical advisory team from Pan American Health Organization/World Health Organization (PAHO/WHO). The team made recommendations for upgrading the biosafety level of the laboratory, currently BSL-2, to BSL-3 to handle highly pathogenic organisms such as the H5N1 Influenza virus. Consequently PAHO/WHO had advised that Jamaica had been recommended to act as a satellite laboratory for human specimens for the Caribbean region. If this

is to be realized the recommendations of the report will need to be implemented.

The per capita publication output for the 10-member academic staff improved to 2.0 during 2005/2006 compared to 1.1 during 2004/2005. Microbiology Department continued to receive favourable students' assessments of its undergraduate course (mean score 4.3) and lecturers (mean score 4.5).

Several members of staff holding temporary positions were appointed during the course of the year. Cheryl Blackwood was appointed senior secretary effective August 1, 2005, Leon Stewart and Mark Nugent, laboratory attendant, August 1 and November 1, 2005, respectively and Terry Ann Milford, senior medical technologist, May 1, 2006. Claudine Thompson and Wendy Waugh were promoted to senior medical technologist II effective October 1, 2005 and May 1, 2006, respectively. George Cowie was promoted to senior laboratory attendant effective January 1, 2005. Kere Ann Lindsay-Nelson, senior medical technologist, resigned effective February 1, 2006.

There were indications from the Projects Office that the refurbishment of the Department would possibly begin in the 2006/2007 academic year. The Department plans to optimize strategies to enhance its postgraduate programmes, procure research grants and identify new income generating activities.

PAPERS PRESENTED

- **P Akpaka**, M Tulloch-Reid, A Justiz-Vaillant, MF Smikle. "Prevalence of human immunodeficiency virus infection in pulmonary tuberculosis patients in Jamaica." Faculty of Medical Sciences 14th Annual Research Conference, Kingston, Jamaica. November, 2005.
- **M Tulloch-Reid**, M Boyne, MF Smikle, E Choo-Kang, R Parkes, R Wright-Pascoe, EN Barton, RJ Wilks, D Williams. "Glycaemic and metabolic control in youth with diabetes mellitus in Jamaica." Faculty of Medical Sciences 14th Annual Research Conference, Kingston, Jamaica. November, 2005.
- **A Watt**, MF Smikle, H Fletcher, M Jackson, N McFarlane-Anderson. "Sexually transmitted infections in pregnant women attending antenatal clinic at the University Hospital of the West Indies, Jamaica." Caribbean Health Research Council 51st Annual

- Council and Scientific Meetings. St Kitts and Nevis. April, 2006.
- AM Nicholson, **S Ledgister**, T Williams, S Robinson, P Gayle, T Lindo, D Castle, K Shaw, S Moonah. "The Epidemiology of infections in the intensive care unit at the University Hospital of the West Indies, Kingston for the year 2004." Caribbean Health Research Council 51st Annual Council and Scientific Meetings. St Kitts and Nevis. April, 2006.
 - **D Lyn**, JU Igietseme, K DeCeulaer, N Christian, EN Barton, CM Black, M Smikle. "Association of reactive arthritis with non-HLA-B27 alleles in Black Jamaicans." American Society for Microbiology 106th General Meeting. Orlando, Florida. May, 2006.
 - **M Smikle**, K DeCeulaer, N Christian, O Heslop, G Dowe, P Singh, JU Igietseme, CM Black, D Lyn. "Prevalence of Chlamydia trachomatis on infection related arthritis in Jamaica." American Society for Microbiology 106th General Meeting. Orlando, Florida. May, 2006.
 - **NC Bodonaik**, L Rainford. "Antibiotic resistance in strains of Neisseria gonorrhoeae encountered in Jamaica." 12th International Congress on Infectious Disease. Lisbon, Portugal. June, 2006.
 - **NC Bodonaik**, L Rainford "Penicillin and tetracycline resistant phenotypes of Neisseria gonorrhoeae encountered at the University Hospital of the West Indies." 12th International Congress on Infectious Disease. Lisbon, Portugal. June, 2006.
 - **NC Bodonaik**, PE Akpaka. "Change in the incidence of gentamicin resistance in 20 years in a tertiary care teaching hospital." 12th International Congress on Infectious Disease. Lisbon, Portugal. June, 2006.
 - **NC Bodonaik**, O Heslop, RW Sue-Ho. "Penicillin resistance in strains of *Streptococcus pneumoniae*: laboratory based surveillance data." 12th International Congress on Infectious Disease. Lisbon, Portugal. June, 2006.
 - **MK Tulloch-Reid**, MS Boyne, MP Smikle, EG Choo-Kang, RH Parkes, RA Wright-Pascoe, EN Barton, RJ Wilks, DE Williams. "Clinical and laboratory predictors of diabetes type in youth onset

diabetes.” American Diabetes Association 66th Annual Scientific Sessions Meeting. Washington DC. June, 2006.

- MP Smikle, **MK Tulloch-Reid**, MS Boyne, EG Choo-Kang, RH Parkes, RA Wright-Pascoe, EN Barton, RJ Wilks, DE Williams. “Autoantibodies in a Black Population with youth onset diabetes.” American Diabetes Association 66th Annual Scientific Sessions Meeting. Washington DC. June, 2006.
- **MK Tulloch-Reid**, MS Boyne, MP Smikle, EG Choo-Kang, RH Parkes, RA Wright-Pascoe, EN Barton, RJ Wilks, DE Williams. “Cardiovascular risk in a Black Population with youth onset diabetes.” American Diabetes Association. 66th Annual Scientific Sessions Meeting. Washington DC. June, 2006.

PUBLICATIONS

WIMJ = *West Indian Medical Journal*

Refereed Journal Articles

- * I Tennant, H Harding, M Nelson, **K Roye-Green**. “Microbial isolates from patients in an intensive care unit and associated risk factors.” *WIMJ*, 54, 4 (2005):225-231.
- * CA Waugh, S Shafir, M Wise, RD Robinson, ML Eberhard, **JF Lindo**. “Human *Angiostrongylus cantonensis*, Jamaica.” *Emerging Infectious Diseases* 11, 12 (2005): 1977-1978.
- * J Lorenzo-Morales, **JF Lindo**, E Martinez, D Calder, E Figueruelo, B Valladares, A Ortega-Rivas. “Pathogenic *Acanthamoeba* strains from water sources in Jamaica West Indies.” *Annals Tropical Medicine Parasitology*. 99, 8 (2005):751-758
- * **OD Heslop, MF Smikle, D Deer, NA Christian, IE Vickers**, KM Harvey, JP Figueroa, CD Christie, B Bain, EN Barton. “Human immunodeficiency virus type-1 (HIV-1) subtypes in Jamaica.” *WIMJ*, 54, 5 (2005): 279-282.
- * **IE Vickers**, H Alveranga, **MF Smikle**. “Clinical and epidemiological characteristics of adult and adolescent patients newly diagnosed with the human immuno- deficiency virus at a Jamaican clinic for sexually transmitted infections.” *WIMJ*, 54, 6 (2005):360-363.

- * **G Saunders**, N Bodoaik, MF Smikle, M Parshad-Asnami. "Ceftazidime-resistant Salmonella enteritidis in Jamaica." *WIMJ*, 54, 4 (2005): 268-269.
- * Y Bell, M Barton, M Thame, **A Nicholson**, H Trotman. "Neonatal sepsis in Jamaican neonates." *Annals Tropical Paediatrics* 25, 4 (2005):293-296.
- * V Cumming, S Ali, T Forrester, **K Roye-Green**, M Reid. "Asymptomatic bacteriuria in sickle cell disease: a cross-sectional study." *BioMed Central Infectious Diseases* 6, (2006):46.
- * **ST Jackson**, **MF Smikle**, **L Rainford**, R Wright-Pascoe. Primary cutaneous nocardiosis: an emerging pathogen associated with peripheral intravenous catheter." *WIMJ*, 55, 1 (2006):69.
- * **IE Vickers**, AR Brathwaite, **M Levy**, JP Figueroa. "Seroprevalence of sexually transmitted infections among accepted and deferred blood donors in Jamaica." *WIMJ*, 55, 2 (2006):89-94.
- * **PE Akpaka**, M Tulloch-Reid, A Justiz-Vaillant, **MF Smikle**. "Prevalence of human immunodeficiency virus infection in patients with pulmonary tuberculosis at the National Chest Hospital in Jamaica." *Pan American Journal of Public Health* 19, 1 (2006):38- 43.
- * EK Kahwa, LA Sargeant, A McCaw-Binns, N McFarlane-Anderson, **M Smikle**, T Forrester, R Wilks. "Anticar- diolipin antibodies in Jamaican primiparae." *Journal Obstetrics Gynaecology* 26, 2 (2006):122-126.
- * MJ Steiner, T Hylton-Kong, JP Figueroa, MM Hobbs, F Behets, **M Smikle**, K Tweedy, S Powell, L McNeil, A Brathwaite. "Does a choice of condoms impact sexually transmitted infection incidence? A randomized, controlled trial." *Sexually Transmitted Diseases* 33, 1 (2006):31-35.
- * A East-Innis, **L Rainford**, P Dunwell, D Barrett-Robinson, **AM Nicholson**. "The changing pattern of Tinea capitis in Jamaica." *WIMJ*, 55, 2 (2006): 85-88.
- * H Trotman, Y Bell, M Thame, **AM Nicholson**, M Barton. Predictors of poor outcome in neonates with bacterial sepsis

admitted to the University Hospital of the West Indies.” *WIMJ*, 55, 2 (2006):80-84.

- * **SN Moonah, NC Bodonaik, AM Nicholson.** “Meningitis in Jamaican adults.” *Tropical Doctor* 36, 3 (2006):189-190.
- * **IE Vickers, MF Smikle.** “The immunomodulatory effect of antibiotics on the secretion of tumour necrosis factor alpha by peripheral blood mononuclear cells in response to *Stenotrophomonas maltophilia* stimulation.” *WIMJ*, 55, 3 (2006):138-141.
- * **P Akpaka, N Christian, NC Bodonaik, MF Smikle.** “Epidemiology of coagulase-negative staphylococci isolated from clinical blood specimens at the University Hospital of the West Indies.” *WIMJ*, 55, 3 (2006): 170-173.
- * **NC Bodonaik, S Moonah.** “Coagulase negative staphylococci from blood cultures: contaminants or pathogens?” *WIMJ*, 55, 3 (2006):174-82.
- * **GL Saunders, NC Bodonaik.** “Resistance in clinical isolates of *Enterococcus faecalis* encountered at the University Hospital of the West Indies, Jamaica.” *WIMJ* 55, 3 (2006):194-6.

PUBLIC SERVICE

Professor Monica Smikle

- Member, Standards Subcommittee on Medical Laboratory Services in the Caribbean.
- Member, National Steering Committee for the CARIFORUM/EU Laboratory Development Project
- Technical Assessor, National Accreditation Company
- Member, Core Working Group, Influenza (Pandemic) Preparedness Plan Committee

Dr Sandra Jackson

- Member, Surveillance subgroup, Influenza (Pandemic) Preparedness Plan Committee

Dr Ivan Vickers

- Member, Surveillance subgroup, Influenza (Pandemic) Preparedness Plan Committee

CATEGORIES OF STUDENTS

Undergraduate

The undergraduate medical microbiology program was delivered to over 400 students in different year groups of the MBBS curriculum and BB Med Sci programmes.

Postgraduate

Six candidates were in graduate programmes in medical microbiology. These include the DM (1 candidate) PhD (2 candidates) MPhil (1 candidate) and MSc (2 candidates).

Prizes Awarded

The Louis Grant Book Prize was awarded to Rondell Graham who attained the highest score in the Microbiology component of the Pathology/Microbiology clerkship examination.

Obituary

Janet Sterling, senior scientific officer, passed on September 9, 2005. She had served the department and the University for 14 years and is sadly missed.

DEPARTMENT OF OBSTETRICS, GYNAECOLOGY AND CHILD HEALTH

**Professor Horace M. Fletcher BSc, MB,BS, DM(O&G), FRCOG,
FACOG – Head of Department**

WORK OF THE DEPARTMENT



The main focus of the department is to improve the health and welfare of families, in particular women and children in the region. This is done through clinical (service) work and academic (teaching and research). The department comprises Obstetric and Gynaecological services (reproductive endocrinology, gynaecological oncology and perinatal services) as well as Child Health dealing with medical problems, neonatology and psychological disorders (development and behavioural Paediatrics).

We teach medical students, postgraduate students (Doctorate Medicus Obstetrics/Gynaecology and Paediatrics) as well as supervise other post graduate students M Phil and PhD. We also assist in the teaching of midwives and nurses.

Child Health

This department is comprised of two medical wards and one neonatal intensive care unit. The main subspecialties are infectious diseases, psychological disorders (development and behavioural Paediatrics), cardiology, gastroenterology neonatology, nephrology, neurology, pulmonology and other medical conditions managed in conjunction with other specialties. Residents and medical students are taught and referrals are accepted from the rest of the Caribbean. The section of Child Health successfully staged the academic conference Child Neurology for Practitioners May 1-2 2004. This conference saw excellent presentations by a multidisciplinary faculty of esteemed experts from Jamaica and the United States. There were approximately 150 registrants including

paediatricians, general practitioners, nurses, physiotherapists, and medical and nursing students

Obstetric Perinatal Service

The Perinatal service hosted its annual conference in February run by Drs. Matadial, Kulkarni and Mullings. Perinatal Audit for 2005, UWI, Mona, February 6 - 7, 2005 was attended by over 600 delegates. This was a joint effort between Obstetrics and Gynaecology and the Neonatology group Dr. Thame, Dr. Trotman and Dr. Antoine from Child Health with external review by practitioners from outside units. Special emphasis was placed on topics such as Genetic Counseling, Premature Birth and Neonatal Neurological Outcome. This service manages high risk obstetric cases and accepts referrals from the rest of the island as well as the rest of the British West Indies. The Unit also has facilities for teaching post graduate and medical students.

Oncology Unit

This is run by three Consultants Prof Fletcher, Dr Rattray and Dr Mitchell. The Unit is also run by nurses as well as residents who rotate through on a monthly basis. The services offered are consultations for patients with gynaecological tumours, colposcopic diagnosis and treatment, and surgery for gynaecological tumours. The Unit also has facilities for teaching post graduate and medical students.

Sterility & Fertility

The members of the Sterility & Fertility firm and Fertility Management Unit resumed the In Vitro Fertilization and Embryo Transfer Programme for the treatment of infertile patients from Jamaica and the wider Caribbean. The programme was restructured to streamline and accommodate the treatment of infertile couples on a continuous basis. Professor Joseph Frederick as director of the programme with Drs. Shaun Wynter, Vernon DaCosta, John Harriott and Loxley Christie as clinicians and Dr. Audrey Pottinger and Sister McKenzie as counselors. Two new staff members joined the programme in Miss Denise Everett, a senior embryologist (Biologist) and Miss Hillary Walters a staff Nurse as the coordinator of the programme. Since the resumption, the pregnancy rates have shown considerable improvement as we are also achieving pregnancies from the frozen embryos. A major break through is that all the documents required for the registration of the drugs used in the programme have been submitted to the Pharmaceuticals & Regulatory Affairs in the Ministry of Health.

The unit also undertakes operative and diagnostic laparoscopy, contraception and sterilisation advice and management. Counseling in family planning and family life is also offered.

PAPERS PRESENTED:

- **Melbourne Chambers R.** “Meningitis in Childhood”. Ena Thomas Memorial Symposium, Kingston, Jamaica. November 20, 2005.
- **Melbourne Chambers R.** “Birth Asphyxia”. Perinatal Conference. Kingston, Jamaica. February 10, 2006.
- **Melbourne Chambers R, R. Gray.** “Physical Health”. Ocho Rios, Jamaica. Workshop of the Early Childhood Commission, June 21-23, 2006.
- **Olugbuyi A.O.** Limb Deformities more than Just an orthopaedic problem Biennial Conference on Paediatric Endocrinology University Hospital of the West Indies Main Lecture Theatre. 18th May 2006
- **Pierre RB.** *Taking responsibility for your health.* University of Technology Orientation for New Students on Tuesday 23rd August, 2005.
- White YRG, Steel-Duncan J, **Pierre RB**, Palmer P, Evans-Gilbert T, Rodriguez B, Christie CDC. Adherence to antiretroviral drug therapy in paediatric patients with HIV/AIDS in Jamaica. West Indian Med J 2005; 54 (Suppl 5): 18. Faculty of Medical Sciences 14th Annual Research Conference, November 17-18, 2005, The University of the West Indies, Kingston, Jamaica.
- Effectiveness of interventions in treating paediatric HIV/AIDS, **Pierre RB** 2nd Biannual Mini-Symposium “ Paediatric and Perinatal HIV/AIDS in Jamaica”, the University of the West Indies; December 15, 2005, Kingston, Jamaica.
- **Pierre RB**, White YRG, Steel-Duncan J, Palmer P, Evans-Gilbert T, Rodriguez B, Harvey K, Christie CDC. Adherence to antiretroviral drug therapy (ART) in children with HIV/AIDS in Jamaica. National Institutes of Mental Health / International Association of Physicians in AIDS Care,- International Conference on HIV Treatment Adherence, Jersey City, New Jersey, March 8-12, 2006.

- **Pottinger A.** Migration of parents from the Caribbean: Implications for counselling children and families in ‘receiving’ and ‘sending’ countries.” Caribbean Migration Conference, The University of the West Indies, Mona, June 12-14 2006.
- **Pottinger A.** “Overview of ADHD and local research findings”. 2nd Annual Conference on Attention –Deficit –Hyperactivity Disorder; McCam Child Development Centre and Ministry of Education, Special Unit, Jamaica Conference Center, May 17-19 2006.
- **Pottinger A.** “Migration of parents from the Caribbean: the impact on children and parents. Lessons for counselors.” American Counseling Association/Canadian Counseling Association Annual Convention, Palais des congres de Montreal, Montreal, Canada, March 30 – April 3 2006.
- **Pottinger A.** “Psychological support in critical care of the very low birth weight”. 5th Annual Perinatal Conference, Department of Obstetrics, Gynaecology & Child Health, Main Lecture Theatre, Faculty of Medical Sciences, Feb 9-11, 2006.
- **Thame T.** ‘Chronic Abdominal Pain in Children: A Diagnostic Approach’ Symposium 2006. Jamaica Pegasus Hotel, June 2 2006
- **Wynter S.** Human Reproduction and Intrauterine Growth and Development, UWIDEC cross Caribbean Lecture Masters in Counselling, Mona Campus, September 2005
- **Wynter S.** Use and misuse of prescription drugs in pregnancy, Caribbean College of Family Physicians, Medallion Hall Hotel, Kingston, Jamaica. January 29, 2006
- **Wynter S.** Evaluation of the fetal heart – Fetal echo using 2D ultrasound. Perinatal Conference 2006, UWI Main Medical Lecture Theatre, February 2006
- **Wynter S.** Pregnancy after age 40 years - ACOG West Indies Section conference, Hilton Kingston Hotel, Jamaica. April 2006
- **Wynter S.** Medical Treatments for Infertility. Grabham Society Symposium, Hilton Kingston Hotel, Jamaica. July 2006
- **Thame M.** Body composition in pregnancies of adolescent girls and mature women and the impact on growth and birth

anthropometry. WHO integrated Strategy to promote Optimal growth and development CFNI/PAHO/WHO June 2006

- **Thame M.** Endocrinopathy of IUGR and the impact on adult disease, Second Biennial Paediatric Conference Issues in Endocrinology For paediatric Practitioners May 2006
- **Thame M.** Weight retention in the puerperium in adolescents a risk factor for obesity CHRC 51st annual conference ST Kitts and Nevis April 2006
- **Thame M.** Teenage Pregnancies The Jamaica Midwives Association Jamaica Conference Centre Nov 2005
- **Young J, Trotman H, Thame M.** Comparison of pregnancy performance and outcome in adolescent girls and older women. Caribbean Health Research Council 51st Annual Council and Scientific Meetings, St Kitts and Nevis. April 2006.
- **Trotman H.** Ward E, McCaw-Binns A. Non-fatal, unintentional injuries in children in six parishes in Jamaica. FMS 14th Annual Research Conference November 2005.
- **Trotman H.** Lord C. Outcome of extremely low birth weight infants at the University Hospital of the West Indies. FMS 13th Annual Research Conference November 2005.
- **Trotman H.** Lord C. Predictors of outcome in very low birth weight infants at the University Hospital of the West Indies. FMS 13th Annual Research Conference November 2005.

PUBLICATIONS

WIMJ = West Indian Medical Journal

Refereed:

- * Timo Vesikari, David O. Matson, Penelope Dennehy, Pierre Van Damme, Mathuram Santosham, Zoe Rodriguez, Michael J. Dallas, Joseph F. Heyse, Michelle G. Goveia, Steven B. Black, Henry R. Shinefield, **Celia D.C. Christie**, Samuli Ylitalo, Robbin F. Itzler, Michele L. Coia, Matthew T. Onorato, Ben A.

- Adeyi, Gary S. Marshall, Leif Gothefors, Dirk Campens, Aino Karvonen, James P. Watt, Katherine L. O'Brien, Mark J. DiNubile, H Fred Clark, John W. Boslego, Paul A. Offit and Penny M. Heaton, For the REST (Protocol 006) Study Team. Safety and Efficacy of Pentavalent Human-Bovine (WC3) Reassortant Rotavirus Vaccine In Preventing Rotavirus Gastroenteritis and Associated Healthcare Contacts. *New England Journal of Medicine*, 2006; 354:23-33.
- * Heslop O., Smikle MF., Deer D., Christian N., Vickers IE., Harvey KM., Figueroa JP., **Christie CDC**, Bain B., Barton EN. Human Immunodeficiency Virus Type-1 (HIV-1) subtypes in Jamaica. *WIMJ*, Oct, 2005; 4(5): 279-282.
 - * **Christie CDC**, Duncan ND, **Thame KT**, **Smith HD**. New Rotavirus Vaccines for Infant Gastroenteritis Arriving Soon. Editorial. *WIMJ*, 2006; 55(1)1-3.
 - * Duncan ND, Barnett A, **Trotman H.**, Ramphal P., West W., Badal G., **Christie CDC**. Conjoined twins: Bioethics, Medicine and the Law *WIMJ*, 2006: 55(2)123-124.
 - * West W, **Fletcher H**, Hanchard B, Ratray C, Vaughan K. Bilateral psoas abscess in a case of granuloma inguinale, *WIMJ*, 2005 Oct; 54(5): 343-5.
 - * Gossell-Williams M, **Fletcher H**, Mcfarlane Anderson N, Jacob A, Patel J, Zeisel S. Dietary intake of choline and plasma choline concentrations in pregnant women in Jamaica. *WIMJ*, 2005 Dec; 54(6): 355-9.
 - * **Pierre RB**, Augier R. Paediatric critical care – beyond the walls. *WIMJ*, 2005; 54 (4): 217-219.
 - * **Pierre R**, Bailey KR, Dicks BA, Ramsay DH. HIV/AIDS and the Jamaican child – Implications for research and action. *Caribbean Journal of Social Work* Vol. 4. pp 59-72, 2005.
 - * **Christie CD**. Duncan ND. **Thame KT**. Smith HD. New rotavirus vaccines for infant gastroenteritis arriving soon. [Editorial] *WIMJ*, 55(1):1-3, 2006 Jan.
 - * **Olugbuyi O**, **Samms-Vaughan M**, **Trotman H**. “Mortality of very low birth weight infants in Jamaica” *Tropical Doctor*. 2006 Jul; 36(3):169-71

- * Nichols S, Boyne M, **Thame M**, Osmond C, Wilks R Bennett F, McFarlane-Anderson, Young R, Forrester T. Cold induced elevation of forearm vascular resistance is inversely related to birth weight. *J Hum Hypertens*. 2005;19(4): 309-14.
- * Phillips D, Bennett F, Wilks R, **Thame M**, Boyne M, Osmond C, Forrester T. Maternal Body Composition, Offspring Blood Pressure and the Hypothalamic-Pituitary-Adrenal Axis. *Paediatr Perinat Epidemiol*. 2005; 19(4): 294-302.
- * Serjeant GR, Hambleton IR, **Thame M** Fecundity and pregnancy outcome in sickle cell-haemoglobin C (SC) disease: Observations from a cohort study. *Brit Jour Obstet Gynecol* 2005; 112(9): 1308-14
- * Bell Y, Barton M, **Thame M**, Nicholson A, **Trotman H**. Neonatal Sepsis in Jamaican Neonates admitted to the Neonatal Unit of a Teaching Hospital. *Annals of Tropical Paediatrics* 2005; 25: 293-296.
- * **Trotman H**, Bell Y, **Thame M**, Nicholson A, **Barton M**. Predictors of poor outcome in neonates with bacterial sepsis admitted to the University Hospital of the West Indies. *WIMJ*. 2006; 55(2): 80-83.
- * **Thame M**, Osmond C, **Trotman H**, **Fletcher H**, **Antoine M**. Body Composition in Pregnancies of Teenage Girls and Mature Women and the Impact on Birth Anthropometry. *Eur J Clin Nutr*. July 2006
- * **Pottinger, A**. Children's experience of loss by parental migration in inner city Jamaica. *American Journ of Orthopsychiatry* 2005; 75 (4), 485-496.
- * Gordon Stair, A & **Pottinger AM**. Disaster preparedness in the Caribbean: a review of mental health needs and services (Editorial). *WIMJ* 2005; 54: 165-166.
- * Wissart J, Parshad O, **Kulkarni S**. Prevalence of pre- and postpartum depression in Jamaican women BMC Pregnancy Childbirth. 2005 Nov 8; 5:15
- * Jackson S, **Mullings A**, Rainford L Miller A. The Epidemiology of mycotic vulvovaginitis and the use of antifungal agents in

suspected mycotic vulvovaginitis and its implications for clinical practice. *WIMJ*, 2005; 54: 192-5

Publications - Books and Monographs:

- * **Christie CDC**, *et al.* CAREC's Pediatric and Perinatal HIV/AIDS Guidelines for HIV/AIDS Prevention, Treatment and Care in the Caribbean, several book chapters. www.chartcaribbean.org.

Technical Report

- * Adolescent Lifestyle Education for Risk-Reduction Training Materials (ALERT): Evaluation of implementation for the Adolescent Lifestyle Education Project funded by Global Fund for AIDS Tuberculosis and Malaria; prepared by **Pierre RB** for HOPE *worldwide* Jamaica, May 2006

Non-refereed

- * Pottinger AM and Bain S.(Eds). Psychosocial support for children affected by disasters: Training manual for professionals. (Monograph, 102 pages) Project of Planning Institute of Jamaica and United Nations Children's Fund (PIOJ/UNICEF) 2005.
- * **Pottinger AM** and Williams Brown S. (2006). Understanding the impact of parental migration on children: Implications for counseling families from the Caribbean. VISTAS: Perspectives in Counseling (online publication of the American Counseling Association <http://counselingoutfitters.com/Pottinger.htm>)

ABSTRACTS:

Peer-reviewed

- * **White YR, Steel-Duncan J., Pierre RB.,** Palmer P., Evans-Gilbert T., Rodriguez B., **Christie CDC.** Adherence to Anti-Retroviral Drugs in pediatric patients with HIV/AIDS in Jamaica.
- * **Johnson N.,** Morgan O., Onyonyor A, **Palmer P., Anderson M, Moore J., Billings C.,** Harvey K., **Mullings A.,** McDonald D., Alexander G., Smikle MF., Williams EW., **Davis D., Christie CDC.** Centers for Disease Control Defined Diseases

in Pregnant HIV-Infected Jamaican Women. *WIMJ*, 53:5; Abstract P-32; Nov., 2005.

- * **Pierre RB, White YRG, Steel-Duncan J, Palmer P, Evans-Gilbert T, Rodriguez B, Harvey K, Christie CDC.** Adherence to antiretroviral therapy (ART) in children with HIV/AIDS in Jamaica. *Journal of the International Association of Physicians in AIDS Care* 2006; 5 (1):37.
- * **Christie CDC.** “Equal treatment for children: Turning the tide of the Pediatric AIDS Pandemic”.
- * White YRG, Steel-Duncan J, **Pierre RB**, Palmer P, Evans-Gilbert T, Rodriguez B, **Christie CDC.** Adherence to antiretroviral drug therapy in paediatric patients with HIV/AIDS in Jamaica. *WIMJ*, 2005; 54 (Suppl 5): 18.
- * **Pierre RB**, White YRG, Steel-Duncan J, Palmer P, Evans-Gilbert T, Rodriguez B, Harvey K, **Christie CDC.** Adherence to antiretroviral drug therapy (ART) in children with HIV/AIDS in Jamaica.
- * **Pierre RB**, White YRG, Steel-Duncan J, Palmer P, Evans-Gilbert T, Rodriguez B, Harvey K, Christie CDC. Adherence to antiretroviral therapy (ART) in children with HIV/AIDS in Jamaica. *J Int Assoc Physicians AIDS Care* 2006; 5 (1):37.
- * **Thame M**, Osmond C, **Trotman H, Fletcher H**, Antoine M. Body Composition in pregnant of adolescent girls and mature women and the impact on fetal growth and birth weight. *WIMJ*, 2005; 53 (Suppl.5):19.
- * Manswell I, Antoine M, **Thame M.** A Comparison of Anthropometry of Mothers and Infants within the Puerperium with respect to Maternal Age. *WIMJ*, 2005; 53 (Suppl. 5):19.
- * Young J, **Trotman H, Thame M.** Comparison of pregnancy performance and outcome in adolescent girls and older women *WIMJ*, 2006; 55 (Suppl. 2): 48.
- * I Manswell, **M Antoine**, M Jackson, **M Thame.** Weight retention in the puerperium in adolescents: A risk factor for obesity? *WIMJ*, 2006; 55 (Suppl.2): 39.

- * **Olugbuyi O, Samms-Vaughan M, Trotman H.** Mortality of very-low-birth-weight infants in Jamaica. *Trop Doct.* 2006; 36: 169-71.
- * **Trotman H.** The Neonatal Intensive Care Unit at the University Hospital of the West Indies: the first few years experience. *WIMJ*, 2006; 55(2): 5-79.
- * Bell Y, **Barton M, Thame MM**, Nicholson A, **Trotman H.** Predictors of poor outcome in neonates with bacterial sepsis admitted to the University Hospital of the *WIMJ*. 2006; 55(2): 80-84.
- * Duncan ND, Barnett A, **Trotman H**, Ramphal P, West W, **Christie CDC.** Conjoined twins: Bioethics, Medicine and the law. *WIMJ*, 2006; 55(2): 123-124.
- * **Trotman H**, Bell Y. Neonatal group B streptococcal infection at the University Hospital of the West Indies, Jamaica: a 10-year experience. *Ann Trop Paediatr* 2006; 26: 53-57.
- * **Trotman H, Barton M.** The impact of the establishment of a neonatal intensive care unit on the outcome of very low birth weight infants at the UHWI. *WIMJ*, 2005; 54: 297-301.
- * Bell Y, **Barton M, Thame MM**, Nicholson A, **Trotman H.** Neonatal sepsis in Jamaican neonates. *Ann Trop Paediatr* 2005; 25: 93-296.
- * Garwood D, Bazuaye P, **Fletcher H**, Trueba G, McFarlane-Anderson N. Oxidative stress and antioxidant status in women with cervical dysplasia. *WIMJ*, (Supp 2) 2005 54: 72
- * Bazuaye P, **Fletcher H**, Smikle M. McFarlane-Anderson N. Class 1 HLA-A-B haplotypes and tumour necrosis factor (TNF- α)-308 polymorphisim and cervical dysplasia. *WIMJ*, (Supp 2) 2005 54: 72
- * Gossell-Williams M, **Fletcher H**, McFarlane-Anderson N, Jacob A, Patel J Zeisel S. Free plasma choline concentrations during the first to second trimester of pregnancy in Jamaican women; implications of inadequate dietary intake. *WIMJ*, (Supp 2) 2005 54: 74

- * Bambury, I, Mullings, A, **Fletcher, H**, Johnson, N, Tulloch-Reid, M. Cervical Intraepithelial Neoplasia in a Cohort of HIV- Positive Women at UHWI: Management and Outcome *WIMJ*, (Supp 5) 2005 53: 16
- * Thame, M, Omond, C, Trotman, H, **Fletcher, H**, Antoine, M. Body Composition among pregnancies of adolescent girls and mature women and the Impact on fetal growth and birth weight. *WIMJ*, (Supp 5) 2005 54: 19
- * Christie, L, Mitchell, S, **Fletcher, H**, Tulloch-Reid, M. The Risk factors and outcomes of pregnancies complicated by shoulder dystocia at UHWI between 2000-2004: A Case-controlled review, *WIMJ*, (Supp 5) 2005 54: 27
- * Christie, L, McGill, N, Aiken, W, Mitchell, S, **Fletcher, H**. Female Sexual Dysfunction in Women Attending the Colposcopy and family planning clinics at the UHWI: The Prevalence, demographics and risk factors, *WIMJ*, (Supp 5) 2005 54:27
- * Gossell-Williams, M, **Fletcher, H**, Zeisel, S, McFarlane-Anderson, N, Jacob, A, Patel, J. Longitudinal Assessment of plasma choline and metabolites in pregnant women attending the antenatal clinic at UHWI, *WIMJ*, (Supp 5) 2005 54: 28
- * Scarlett, D, **Fletcher, H**, Reid, M. Reproductive Factors with Abnormal PAP Smear and the Value of PAP Smears in Diagnosing Cervical Pathologies, *WIMJ*, (Supp 5) 2005 54: 28
- * **Fletcher, H**, Vutchkov, M, Lalor, G, Grant, C, Bryan, S and Aldred, K. The Mercury Concentration in Seafood in Jamaica (A preliminary analysis), *WIMJ*, (Supp 5) 2005 54: 43
- * Bramwell G, Wierenga A, Jackson M, **Fletcher H** McFarlane-Anderson N. Methyltetrahydrofolate reductase genotypes, homo- cysteine and folate levels in women with pre-eclampsia, *WIMJ*, (Supp 2) 2006 55:21
- * Watt A, Smikle M, **Fletcher H**, Jackson M. McFarlane Anderson N. Sexually transmitted infections in pregnant women attending antenatal clinic at the university Hospital of the West Indies, *WIMJ*, (Supp 2) 2006 55:28

- * **Simms-Stewart D, Dacosta V, Fletcher H** and Reid M. Comparison of ultrasonic estimated weight and actual birth weigh performed by residents in training at the University of the west Indies, *WIMJ*, (Supp 2) 2006 55:57
- * **Fletcher H**, Wharfe G, Scott P. Thromboembolism an unusual complication of uterine fibroids. *WIMJ*, (Supp 2) 2006 55:60

AWARDS and HONOURS:

Christie CDC. 2nd *C. Davenport Cook Lecturer in International Child Health*, “Academic Pediatrics in Jamaica”, Yale University School of Medicine, New Haven, Connecticut, USA, 2005.

Christie CDC and Collaborators. Most Outstanding Research Project, Principal’s Research Award, Faculty of Medical Sciences, University of the West Indies, “*Kingston Pediatric and Perinatal HIV/AIDS Project*”, 2004-05.

Thame Minerva

June 2006 Outstanding contribution to the education of student midwives in the area of Paediatrics from the Directors of Nursing Education and Nursing Services, UHWI.

INCOME GENERATION

RESEARCH GRANTS:

Funded Grants, Contracts – Income generation:

Professor Celia Christie

Feeney M. (Principal Investigator), Christie C, Elizabeth Glaser Scientists Award, Jan 1, 2006 to Dec 30, 2011; “The Immune Response to Acute Perinatal HIV Infection” Total grant amount \$650,000 USD’s, total amount to UWI \$112,000 USD’s (*ie.*, \$16,000 USD’s per annum for seven years).

Feeney M. (Principal Investigator), **Christie CDC**, Co-investigator. “The impact of DC8 T cells on viral control and evolution in HIV-infected infants. National Institutes of Health (NIH) grant, total amount to UWI, \$135,000 USD’s December 1, 2006 through November 30, 2011 (*ie.*, \$19,285.71 USD’s per annum for 7 years).

Christie CDC (Principal Investigator)

“A prospective observational study of HIV-infected pregnant women and their infants at Clinical sites in Latin America and the Caribbean” March 1 to October 31, 2006, and “A prospective, observational study of HIV-exposed and HIV-infected children at clinical sites in Latin America and Caribbean Countries” March 1, to October 31, 2006; NIH, NICHD grant N01-HD-3-3345; grant amount -- \$318,588.00 USD's.

Christie CDC (Principal Investigator) 2002 - 2006

“Mega-trial of Safety and Efficacy of Pentavalent (G1, G2, G3, G4, and P1) Human Reassortant Rotavirus Vaccine in Healthy Infants”, Merck and Co., USA. Grant amount - **\$ 1,861,020.00 USD's.**

Christie CDC (Principal Investigator) 2002 – 2005

“Pediatric HIV/AIDS Leadership Initiative in Kingston, Jamaica” International Leadership Award, Elizabeth Glaser Pediatric AIDS Foundation.

Grant amount - **\$ 472,500.00 USD's**

Christie CDC (Principal Investigator) 2003 - 2005

“Pediatric HIV/AIDS Outreach Clinics in Jamaica”. Embassy of Jamaica, Washington, DC, 2003 Grant amount - **\$ 4,855.28 USD's.**

Professor Horace Fletcher

2005 \$10,909.51 US (\$338,195.00 Jamaican dollars per year) Research Grant from PAHO to Population council/Ministry Health/UWI for the study Emergency Contraception Provider Knowledge Attitude and Practices in the Caribbean (Co-investigator)

P.I.: Gossell Williams M, Co-Investigators: **Samms-Vaughan M, Fletcher H**

Source : Gerber Baby Foods & University of North Carolina

Title: Choline and neuro-development in humans

Grant Period: 1/1/05 - 30/6/08

Annual direct costs: US\$ 155,000.00

Fletcher H Cardiovascular disease and osteoporosis in women who used Depo medroxy progesterone acetate. \$J 2.4 million Fellowship from the Principals Office, University of the West Indies.

Dr M Samms-Vaughan

P.I.: R. Wilks, Co-Investigators: D. Ashley, F. Bennett, T Ferguson, T Forrester, M. Jackson, J.Knight-Madden, **M. Samms-Vaughan**, K. Vaughan, N. Younger

Source : National Health Fund, CHASE Fund, Caribbean Cardiac Society, Caribbean Health Research Council, UHWI

Title: The impact of early-life experiences on cardio-vascular risk in Jamaica

Grant Period: 1/1/05 - 30/6/06
Annual direct costs: J\$ 14,000,000.00

P.I.: M. Samms-Vaughan

Source : UNICEF

Title: The evaluation of a community based parenting programme in Jamaica

Grant Period: 1/1/05 - 30/6/06
Annual direct costs: Phase I J\$ 1,775,250.00

P.I.: M Gossell Williams, Co-Investigators: **M. Samms-Vaughan**, H Fletcher

Source : Gerber Baby Foods & University of North Carolina

Title: Choline and neuro-development in humans

Grant Period: 1/1/05 - 30/6/08
Annual direct costs: US\$ 155,000.00

P.I.: M. Samms-Vaughan

Source : Dudley Grant Memorial Trust (through EFJ), World Bank

Title: A proposal for the review and selection and/or development of instruments to assess the physical, cognitive and emotional development of children 0-6 years, including those with special needs.

Grant Period: 1/2/04 - 31/1/06
Annual direct costs: Phase I J\$ 2,500,000.00

P.I.: M. Samms-Vaughan

P.I.: E. Le Franc. PI Jamaican Site: **M. Samms-Vaughan**

Source : Wellcome Trust

Title: Migration, Family Structures and Morbidity from External Causes

Grant Period: 1/1/04 - 30/6/06

Annual direct costs (Jamaican Site): US\$ 338,130.00

P.I.: M. Lambert, Co-Investigators **M. Samms-Vaughan**, F. Hickling

Source : Michigan State University Grant

Title: Measuring the co-morbidity of substance abuse, violence, psychopathology, help-seeking behaviour and attitudes towards substance abuse, violence, mental illness and the afflicted:

Grant Period: 1/1/03 - 30/6/06

Annual direct costs (Jamaican Site): J\$ 720,000.00

P.I.: Children's Issues Coalition, UWI . Founding Members: Prof. E. Leo-Rhynie, Prof.

S.Walker, **Dr. M. Samms-Vaughan**, Dr. Rose Davies, Dr. J. Meeks-Gardner,

Mrs. Janet Brown, Mrs. Sian William Source : UNICEF and The Environmental

Foundation of Jamaica Title: Development of a regional Children's Journal and regional

database on children's issues

Grant Period: 1/1/02 - 31/12/05

Annual direct costs: US \$15,000.00 and J\$2,286,387.00

Dr Helen Trotman Edwards

Caribbean Health Research Council US \$10,000

The relationship between maternal depression, pregnancy and birth outcome

Investigtors A. Pottinger, C. Rattray, H. Trotman.

PUBLIC SERVICE

Professional Societies/Activities:

Dr. Roxanne Melbourne Chambers

— Vice President, Paediatric Association of Jamaica

Christie CD

- Fellow, Infectious Diseases Society of America
- Member, Pediatric Infectious Diseases Society of America
- Member, HIV Medicine Association of America, Founding
- Member, International Association of Physicians in HIV/AIDS Care
- Non-Executive Board Member, Bank of Nova Scotia Jamaica Limited and Bank of Nova Scotia Jamaica Life Insurance Company Ltd
- Member, Private Sector Organization of Jamaica, Corporate Governance Committee

Dr Yomi Olugbuyi

- Member, Pediatric Association of Jamaica.

Dr Doreen Millard

- Chairman, Adoption Board
- Chairman, Bustamante Hospital for Children Management Committee
- Chairman, Regional Technical Subcommittee of SERHA
- Member, South East Region Health Authority
- Adviser, Ministry of Health Rheumatic Fever / Rheumatic Heart Disease Prevention Programme
- Member, Advisory Board of the Child Development Agency

Professor Horace Fletcher

- Chairman, West Indies Section American College of Obstetricians and Gynecologists

Professor Joseph Frederick

- Member, Grabham Society (Jamaican Association of Obstetricians and Gynaecologists)
- Member, Pacesetters Toast Masters Club.

Dr S Kulkarni

- Member, Maternal Mortality Committee, MOH, Jamaica

Dr. Sharmaine Mitchell

- Examiner, Caribbean Medical Council
- Author, “Women’s Health Issues” “Health, Home and Garden” Magazine.
- Member, Gynaecologist - Grants Pen and Stella Maris Foundation Outreach Programme

Dr Doreen Millard

- Member, Medical Association of Jamaica
- Member, Paediatric Association of Jamaica

Dr. Audrey Pottinger

- Board Member, Child Development Agency Advisory Board, Ministry of Health
- Member, Steering Committee, Disaster Mental Health Team, Jamaica Red Cross
- Chairperson, Child Development Division, Jamaican Psychological Society

Dr Maureen Samms-Vaughan

- Member, National Council on Education, Jamaica
- Chairman, Policy Research Committee, National Council on Education, Jamaica
- Member, Advisory Board to the National Education Transformation Team
- Member, Early Childhood Committee, Anglican Diocese
- Member, Research Committee, Society for Developmental and Behavioural Pediatrics, USA
- Member, Vaz Preparatory School Board
- Member, Queen’s High School Board
- Member, Promise Learning Centre (Special Education School) Board

Dr Shaun Wynter

- Integral liason, Pan Caribbean SIGMA Corporate
- Member, MAJ Ethics Committee
- Member, Fundraising Committee, Sigma Run for UHWI Labour Ward.
- Fund Raiser, Bellevue Hospital, Marie Atkins Homeless Shelter and Best Care Lodge Children's Home.

Obstetrics & Gynaecology

This year was the fourth year of the introductory lectures to the preclinical students which is part of the urogenital module.

All but five candidates were successful in the May/June 2005 MBBS examinations. Six students obtained honors in Obstetrics and Gynaecology.

The undergraduate exam format was reviewed by a team chaired by Professor Ramsewak (Trinidad), University examiner. Major changes were made to ensure that the format and standard of the clinical exam were uniform across the campuses. This was the first year the exam was conducted using multiple choice short structured and questions

Four candidates were successful in the Doctor of Medicine part II in Obstetrics and Gynaecology in the May/June examinations and two were successful in the DM part 1.

DEPARTMENT OF PATHOLOGY

**Professor Dipak Shah, MBBS, DCP Baroda(I),
DM(Path) UWI – Head of Department**

WORK OF THE DEPARTMENT



Despite the various challenges and severe budgetary constraints, the performance of the Department in the period under review must be considered as exemplary. Over the year, research of the Department speaks for itself and the University has recognized this, by awarding the Principal's research award for "*the project attracting the most funding*" as well as for the "*best publication*."

The department has a total complement of 19 staff members, of whom two were away for studies and one on extended leave.

Nonetheless, the per capita publication in peer reviewed journals is just under one per staff member. In addition, presentations at various local and international conferences were much more than one per staff member. The quality of both published articles and presentations at conferences were of a high standard and were well received by both local and international attendees.

All members of staff were heavily involved in teaching undergraduate students reading for MB BS degrees. At the Stage I level, the methods of delivery included didactic lectures, POL's and seminars/tutorials. At the Stage II level, the clerkship rotation was intensive, with teaching three days a week for 10 weeks per clerkship group. The latter was done mainly by academic staff with the usual sessions by resident staff.

The department is still facing budgetary constraints, restricting the quality of research and teaching. Nonetheless, in the coming year we should be able to produce quality research work and also contribute towards high levels of training for both undergraduate and postgraduate students.

Teaching

The Department is heavily involved in the teaching of undergraduate students at both Stage I and Stage II levels. At Stage I level, the classes taught during the period 2005/06 were the classes of 2008, 2009 and 2010. The number of students in each class was approximately 117, 150 and 165 respectively. The methods of delivery were didactic lectures, seminars/tutorials and POL's. Students from the class of 2007, which has approximately 110 students, were rotated throughout the year for their clinical clerkship. They had intensive teaching by both academic and resident staff.

The assessment of Stage I was done at the end of each year and at the end of three years when the students sat the BMed Sci examination. The examination consisted of a MCQ exam and an OSPE. The Department of Pathology was particularly heavily involved in finalizing these examinations. The academic staff was assessed by students at both stages and achieved scores of 3.8 to 4.9 for the lectures and clerkship teaching.

Postgraduate training leading to the DM in Anatomical Pathology, Haematology and Chemical Pathology degrees also had its almost full complement of students. One student completed Part I of the DM Anatomical Pathology examination and two students completed Part II of the DM Haematology courses. The department is proud to produce Pathologists and Haematologists for the needs of the Caribbean. Currently, there are five graduate students in Anatomical Pathology and three in Haematology. One student who enrolled for the DM in Chemical Pathology was asked to withdraw from the programme because of failure to progress.

The academic and resident staff also taught courses in basic and general Pathology to students of the University of Technology enrolled in the BSc Pharmacy programme and those at UWI enrolled in the BSc Physical Therapy and Diploma in Radiography programmes.

STAFF

Dr. Tracey Gibson returned to the Department in September 2005 after completing a period of training at the University of Glasgow, Scotland. She was the first in her class and was awarded the MSc in Medical Genetics with distinction. The Department is very proud of her achievement. Since her return, she has written a proposal to start a Cytogenetics laboratory in the Department. The proposal has been submitted to the Dean of the Faculty of Medical Sciences. Dr. Karen Bishop returned in January 2006 from a Fellowship at the Hospital for Sick Children in Toronto, Canada

where she studied Paediatric Pathology and was awarded a Fellowship from the University of Toronto.

The members of staff in the department were actively involved in curriculum development and planning. Drs. Elaine Williams and Eric Choo-Kang continue to serve on the Curriculum Committee and Professor Coard, on the Assessment and Examinations Committee. The former two, were also active members of Stage I and Stage II committees. Other members of staff serving on the Curriculum Committee are Drs. Nadia Williams (Stage II) and Gilian Wharfe (Stage I and II). Dr. Elaine Williams also served on the Faculty Staff/Student Liaison Committee. Various staff members (Professor Coard, Drs. Elaine Williams, Doreen Brady-West, Tracey Gibson) attended staff development workshops in “*Standard setting*” organized by the Faculty. Professor Coard was also involved in conducting a Teaching Skills Workshop for Academic & Senior Administrative Staff, organized by the Instructional Development Unit of the University.

The staff members, in general, continued to develop in their areas of specialty. This contributed greatly to graduate training in the department. The Department of Pathology is the only institution in the Caribbean that trains Pathologists and Haematologists.

LABORATORY

The laboratories within the department continue to play an important role in the training of both undergraduate and postgraduate students, by providing the required material for teaching and research.

A total of 641,274 tests were performed by the Chemical Pathology laboratory and 149,129 by the Haematology laboratory. The Blood Bank collected 3,844 units of blood from voluntary donors for the treatment of patients requiring whole blood transfusion or transfusion of various blood products which were manufactured from them. The Cytopathology laboratory processed 5,970 Pap smear samples and 1,009 non – gynaecology samples. The Histopathology laboratory processed 9,369 cases and produced 50,162 slides.

Funding for supplies, including reagents to process samples for the laboratories, has been increased but is still not adequate for the amount of work done. No master plan has been developed as yet. This was mentioned in the last year’s departmental report. It is extremely important to develop that plan for the smooth running of the laboratories.

The long affiliation with the National Cancer Institute and the Department of Pathology for the HTLV-1 Project will end in December 2006. The project, which investigated all aspects of HTLV-1 and its associated diseases in Jamaican patients, will have to continue at least, at a minimal level. The burden of funding which was shouldered by NCI/NIH will now have to be carried by the Department of Pathology and, by extension, the UWI.

The department is in the process of developing a comprehensive immunopathology laboratory which will not only take over some aspect of work done by the HTLV-1 laboratory but also what is done in the routine histopathology laboratory. This will require additional funding.

Dr. Tracey Gibson plans to start a Cytogenetics Laboratory for the benefit of dysmorphic children initially and to further extend the services to adult patients as well. The plan has been submitted to the Dean for his approval.

RESEARCH

At least 14 high quality, peer-reviewed articles and 6 abstracts have been published in local and international journals. Not all members of staff have submitted work for this report. In addition, 27 research papers have been presented at various local, regional and international conferences by various members of staff.

The research continuing in the department includes HTLV-1 and its associated diseases, Prostate cancer, Cardiovascular diseases, Breast cancer, Gastrointestinal diseases and HPV-induced diseases. Other projects include: Immunohistochemical studies in hypertension and other diseases including breast cancers, renal and liver cadmium and heavy metal concentration studies in collaboration with Environmental and Nuclear Sciences (ICENS), aspects of Cytopathology, Perinatal mortality, Placental pathology, Cytogenetics, Neuropathology, Leukemia studies, Haemophilia, Causes of Anemia, and aspects of Blood Banking and Chemical Pathology.

PAPERS PRESENTED

- Blake G., **Hanchard B**, **Gibson T**, Waugh N, Choy L, “Changing Trends in the Incidence of Clinical Cancer, Kingston and St. Andrew, Jamaica, 1973 -2002”, UICC World Cancer Congress 2006. Washington D.C. USA

- **Hanchard B.** “Head and Neck Cancer in Jamaica” Caribbean Association of Otolaryngologists, Annual Conference, Kingston 2006. Presidential Lecture.
- Murray CSG, Singh PDA., **Coard KCM**, Aiken W. “An investigation of the ability of LESCOL (fluvastatin) to initiate programmed cell death in human prostate cancer.” 51st Scientific Meeting of the Caribbean Health Research Council, St. Kitts, April 2006
- **Jaggon J**, “The role of Immunohistochemistry in Neuropathology”, Caribbean Neurosciences Symposium, University Hospital of the West Indies, 2006
- Skeete D, **Coard K** “Getting to the Heart of the Matter: An analysis of Cardiac Trauma Cases from the Autopsy Service, UHWI, 1996 - 2005”, 21st Caribbean Cardiology Conference, Montego Bay, Jamaica.
- Gaskin DA, Broome H, Gaskin PS, Ramesh J and **Williams NP**. “Colorectal Carcinoma in Barbados: Incidence and Anatomic Distribution”, Caribbean Health Research Council 51st Annual Council and Scientific Meetings, St. Kitts & Nevis April 26-29, 2006.
- **G. Wharfe**, “Thromboembolism an unusual complication of uterine fibroids” 51st Annual Council and Scientific Meetings, St. Kitts & Nevis, April 26 -29, 2006.
- Trevor Seaton, **Nadia Williams** and Barry Lumb, “A Clinical Potpourri in Gastroenterology” Association of West Indian Gastroenterologists, 20th Annual Meeting and International Postgraduate Course 2006, Bahamas, April 20-22, 2006
- **K. Bishop**, “Perinatal Audit: Pathology Critical Review 2001-2005”, Annual Perinatal Conference, UWI, Kingston, Jamaica, February 2006.
- **G. Wharfe**, “Clinical and Laboratory Features and Treatment of ATL in Jamaica” Scientific Session, UWI, Mona, February 2006
- **Jaggon J**, “Update on Mad Cow Disease” Symposium of the South Central Medical Association, October 2005
- **Escoffery, CT**. “Histology: Past, Present, Future” The Biennial General Meeting & Scientific Symposium of the Caribbean

Association of Medical Technologists (CASMET), October 26, 2005

- Hall CA, **Escoffery CT**, **Shirley SE**. “The pathology of ovarian tumours at the University Hospital of the West Indies, Jamaica, 2000-2002” 14th annual Research conference and Workshop on Clinical Trials, Faculty of Medical Sciences, UWI, Mona, November 16-18, 2005.
- Skeete DHA, **Shirley SE**, **Escoffery CT**, “Screening histories of incident cases of in-situ and invasive cervical cancer at the University Hospital of the West Indies, from 2002 to 2004.” Poster presentation, 14th Annual Research Conference and Workshop on Clinical Trials, Faculty of Medical Sciences, UWI, November 16-18, 2005.
- H. Brown, **K. Coard**, D.R. DuQuesnay, M. Newnham, D. Skeete “Hyperthyroidism: Where are we now?” 14th annual Research Conference of the Faculty of Medical Sciences, UWI, Main Lecture Theatre, Kingston, Jamaica.
- D. Skeete, **K. Coard**, “A 5-year clinicopathologic profile of patients with prostate cancer diagnosed by transrectal biopsy, at the University Hospital of the West Indies, Jamaica”. 8th UWI Medical Alumni Association International Medical Conference, St. George’s Grenada, November 2005
- C.S.G. Murray, P.D.A. Singh, **K.C.M. Coard**, W. Aiken. “An evaluation of the pro-apoptotic effects of Fluvastatin on human prostatic adenocarcinomas” 14th Annual Research Conference of the Faculty of Medical Sciences, Kingston Jamaica, November 2005.
- **K. Coard**, “Reporting in Prostate Cancer” 12th Annual Symposium of the Jamaican Association of Clinical Pathologists on Reporting in Pathology UHWI, Kingston, Jamaica, November 2005.
- **Nadia P. Williams**, “Reporting in Colon Cancer” Jamaican Association of Clinical Pathologists 12th Annual Scientific Symposium on Reporting in Pathology, November 2005.
- **G. Wharfe**, “Chemotherapy for ovarian cancer” American College of Obstetricians & Gynaecologists Junior Fellows Meeting, Main Lecture Theatre, UHWI, September 2005

- **G. Wharfe**, “Systemic treatment of Breast Cancer” Cancer Society Meeting. October 2005.
- **Shirley SE**, “Recent developments in Cytology” Scientific Symposium of the Caribbean Association of Medical Technologists (CASMET) Montego Bay, Jamaica, October 2005.
- **Shirley SE**, “Reporting in Breast Cancer” Jamaican Association of Clinical Pathologists 12th Annual Scientific Symposium on Reporting in Pathology, November 2005.
- **G. Wharfe**, “Reporting in Lymphomas”, Jamaican Association of Clinical Pathologists 12th Annual Scientific Symposium on Reporting in Pathology, November 2005.
- SJ Davidson, **D. McGrowder**, JF. Burman, AA. Kelleher, “Can Rotem predict post-operative bleeding and appropriate treatment after cardiac surgery?” The International Society on Thrombosis and Haemostasis XXth Congress and 51st Annual Meeting of the Scientific and Standard Committee. August 6-12, 2005, Sydney, Australia.
- **D. McGrowder**, T. Deboch, J. Julius, “Urinary fractionated normetanephrine and metanephrine measured by high pressure liquid chromatography with amperometric detection for the diagnosis of pheochromocytoma” Jamaican Association of Clinical Pathologists 12th Annual Scientific Symposium on Reporting in Pathology, November 2005.
- **D. McGrowder**, J. Julius, T. Crawford, K. Jones, “Deranged liver and renal function tests in pregnant women with abnormal glucose metabolism who develop hypertensive disorders” 12th Annual International Conference – The Diabetes Management Team, Ocho Rios, March 2-5, 2006

PUBLICATIONS

WIMJ = West Indian Medical Journal

- * West W, Fletcher H, **Hanchard B**, Rattray C, Vaughan K. “Bilateral Psoas Abscess in a Case of Granuloma Inguinale” *WIMJ*, 54 (5): (2005) 343-345.
- * Plummer JM, **Gibson TN**, McFarlane MEC, **Hanchard B**, Martin A, McDonald AH, “Clinicopathologic Profile of Gastric

carcinomas at the University Hospital of the West Indies". *WIMJ*, 54 (6): (2005) 364-368.

- * Yao K, Hisada M, Maloney E, Yamano Y, **Hanchard B**, Wilks R, Rios M, Jacobson S. "Human T-cell Lymphotropic Virus Types I and II Western Bolt Seroindeterminate Status and its Association with Exposure to Prototype HTLV-I". *Journal of Infectious Diseases* 193(3); 2006
- * Biggar RJ, Ng J, Kim N, Hisada M, Li HC, **Cranston B**, **Hanchard B**, Maloney EM. "Human Leukocyte Antigen Concordance and the Transmission Risk Via Breast-Feeding of Human T-cell Lymphotropic Virus Type 1" *Journal of Infectious Diseases* 193(2); 2006
- * **Blake G**, **Hanchard B**, **Gibson T**, Wolff C, Waugh N, Reynolds A. "Trends and Incidence and Histological Subtypes of Lung Cancer" *WIMJ*, 55(1): (2006) 13-18.
- * West W, **Brady-West DC**, McDonald AH, **Hanchard B**, Fearon-Boothe D. "Ultrasound and White Blood Cell Counts in Suspected Acute Appendicitis" *WIMJ*, 55(2): (2006) 100-102
- * Bonilla C, Mason T, Ahaghotu C, Chen W, Zhao A, Coulibaly A, **Bennett F**, Aiken W, Tullock T, **Coard K**, Freeman V, Kittles R. "E-cadherin polymorphisms and haplotypes influence risk for prostate cancer" *The Prostate* 66 (2006) 546-556.
- * **Williams NP**, "A Caribbean perspective on Barrett's Oesophagus" *WIMJ*, 55 (2006) 148-5
- * East-Innis A, Desnoes R, Thame K, **Shirley SE**, Gilbert D. "Pyoderma gangrenosum associated with osteomyelitis in a paediatric patient – a case report" *WIMJ*, 54(3) (2005): 207-9
- * Phillips DI, **Bennett FI** et al "Maternal body composition, offspring blood pressure and the hypothalamic-pituitary-adrenal axis" *Paediatr Perinat Epidemiol* 2005; 19(4): 294-302.
- * **DC Brady-West**, "Treatment of Multiple Myeloma – Something old, something new" *Postgraduate Medical Doctor Caribbean Vol. 22, No. 3: 71 -74.*

- * **D. McGrowder**, K. Barrett, P. Brown and D. Ragoobirsingh “Exogenous nitric oxide inhibits glucose uptake in peripheral tissues of diabetic rat model” *Diabetologia Croatica* 2005;34(3):77-85.
- * **D. McGrowder**, P. Brown and D. Ragoobirsingh “Acute effects of exogenous nitric oxide on glucose uptake in skeletal muscle of normoglycaemic and diabetic rats.” *Medical Science Monitor* 2006; 12(1):BR28-35.
- * **D. McGrowder**, D. Ragoobirsingh and P. Brown “Therapeutic uses of Nitric Oxide-donating Drugs in the treatment of Cardiovascular diseases” *International Journal of Pharmacology* 2006; 4:366-373.

Book Chapter

- * **Hanchard B**, “Cancers – The Changing Patterns” In Owen Morgan (ed) Health Issues in the Caribbean 131-40; 2005.

Abstracts

- * Skeete DHA, **Shirley SE**, **Escoffery CT**. “Screening histories of incident cases of in-situ and invasive cervical cancer at the University Hospital of the West Indies, 2002 -2004”, *WIMJ*, (2005): 54 (Suppl.) 39.
- * Hall CA, **Escoffery CT**, **Shirley SE**. “The pathology of ovarian tumours at the University Hospital of the West Indies, 2000 – 2002” *WIMJ*, 2005: 54 (Suppl. 5).
- * D Skeete , **K Coard**. “A 5-year clinicopathologic profile of patients with prostate cancer diagnosed by transrectal biopsy, at the University Hospital of the West Indies (UHWI), Jamaica” *WIMJ*. 54 (Suppl 4); 16: 2005.
- * H. Brown, **K. Coard**, D.R. DuQuesnay, M. Newnham, D. Skeete “Where are we now? Hyperthyroidism”: *WIMJ*. 53 (Suppl 5); 40: 2005.
- * CSG. Murray, PDA Singh, **KCM Coard**, W. Aiken. “An evaluation of the pro-apoptotic effect of fluvastatin on human prostatic adenocarcinomas” *WIMJ*. 53; (Suppl 5); 38: 2005.

- * CSG. Murray, PDA Singh, **KCM Coard**, W.Aiken “An investigation of the ability of LESCOL® (fluvastatin) to initiate programmed cell death in human prostate cancer” *WIMJ*. 55 (Suppl 2) 63: 2006.

PUBLIC SERVICE

Professor B. Hanchard

- Board of Directors, Jamaica Cancer Society

Professor K. Coard

- Secretary, Caribbean Cardiac Society
- Chairman, Research Grants Awards Committee
- UWI Mentorship Programme

Dr. E. Williams

- Cytopathology Consultation, Jamaica Cancer Society

Dr. N. Williams

- Member, UWI Medical Alumni Association
- Co-Host, Radio Mona Programme
- Mentor, UWI Mentorship Programme

Professor C. Escoffery

- Cytopathology Consultation, Jamaica Cancer Society

Dr. T. Gibson

- Cytopathology Consultation, Jamaica Cancer Society

Dr. J. Jaggon

- Cytopathology Consultation, Jamaica Cancer Society

Dr. L. Buchner

- Board Member, Penwood Dental Clinic

Dr. J. Taylor-Houston

- Member, Leukaemia Care Foundation

Dr. D. McGrowder

- Member, Asian Journal of Biochemistry
- Member, Trends in Medical Research

Income Generation

HTLV -1 Project continues to generate funds for the Department. The year in review generated US\$431,702.00.

A new contract has been signed with NCI/NIH by the Department for ATL treatment study for US\$99,000. The Principal Investigator will be Dr. Gilian Wharfe.

The other projects to be developed in the department include a Cytogenetics laboratory, and an Immunopathology laboratory which have the potential to generate a substantial amount of funding.

Cytopathology training can also generate funds by training of students.

Awards

- Principal's Research Award for the "*Project Attracting the Most Research Funds*" for "*Research on Epidemiology of HTLV-1 in Jamaica*". **Hanchard B, Wharfe G, Williams N**, East-Innis A, **Williams E, Cranston B**. Research Day 2006.
- Award for the "*Best Publication*" in the Faculty of Medical Sciences, University of the West Indies, **Coard K**, Research Day 2006
- "Fellowship in Paediatric Pathology" **Bishop K**, The Hospital for Sick Children, Toronto, Canada; January 1, 2004 – December 31, 2005.
- "Master of Science (Distinction), Medical Genetics", **Gibson T**, University of Glasgow, Scotland. December 2005.

THE UWI SCHOOL OF NURSING

Hermi H. Hewitt, OD, PhD, RN – Head of Department

WORK OF THE UWI SCHOOL OF NURSING, MONA



The UWI School of Nursing, Mona (UWISON) focused on creating a teaching/learning environment that facilitates the delivery of quality programmes and highlighted its achievements during its 40th anniversary celebrations (1966-2006). To mark this historic landmark Dr. Jean Yan, Chief Nurse Scientist, World Health Organization (WHO) became the first nurse and female to receive the Sir Alister McIntyre Award at the University of the West Indies Diabetic Outreach Project (UDOP) Conference in Ocho Rios, March 2006. UWISON increased its visibility through radio telephone interviews and exhibitions on Campus as well as at urban and rural secondary schools and other nursing events. The School was internally audited by the Quality Assurance Unit on April 4, 2006 and received commendation as “an outstanding example of good practice in quality assurance procedures and one which other departments could emulate”.

UWISON's main targets for 2005-06 were to: increase academic and administrative staff cadre to meet the teaching/learning needs in classroom and clinical areas; extend the physical facilities to accommodate teaching, administrative and skills development needs of nursing students; equip classrooms and nursing skills laboratory to reflect the Nursing Council, the Regional Nursing Body and international nursing standards; attract research grant funds for the asthma proposal and resubmission of the HIV risk reduction proposal; improve staff research publication in peer reviewed journals; become designated as a WHO Collaborating Centre for nursing and midwifery in the Caribbean; establish Endowment Fund to mark the 40th Anniversary of the School; convert undergraduate courses for electronic and distance education delivery and sustain visibility by hosting international research conferences and celebrating achievements over the past forty year.

Staffing: A Teaching Assistant and an Assistant Lecturer and number of part-time clinical preceptors were employed to meet the education and training needs of students. A Programme Coordinator was added to the staff to facilitate the research projects with which the School was engaged and to facilitate the development of the Nursing and Midwifery Centre. The two additional administrative staff members helped to improve the management of the increased volume of workload during the academic year 2005-06. However more senior administrative support is urgently needed. As the student population grows the need for more staff, both at the academic and administrative level is of priority if the quality of the programme is to be sustained.

Extension of Physical facilities: Despite continuous appeal and promises to have the building expanded to meet the student population needs for the period 2006-07, the year has ended without any evidence of this occurring. This has implications for the number of students who can be admitted to the programme for the new academic year in the midst of an increasingly competitive environment.

Skills Laboratory: The School has been acquiring new mannequins and teaching simulators for the nursing skills laboratory. However, the small existing laboratory cannot accommodate the students causing staff to be transporting these to any available space in the Hospital to enable students' practice. We expectantly await extended facilities to attain the international standards to which we aspire.

Research Projects: *Jamaica Asthma and Allergies National Prevalence Study* received funding from the National Health Fund J\$10,561,720.00, the CHASE Fund – J\$3,800,000.00 and the UWI New Initiative Funding-J\$1,500,000.00. The proposal on *Reducing HIV risk behaviour among Jamaican Adolescent males Project* done in collaboration with the University of Pennsylvania School of Nursing was submitted to the National Institutes of Health (NIH) in January 2006. The proposal received a high score therefore enabling a revision to be made and subsequent resubmission.

Staff publication: The overall per capita publication improved. Although the target set was not attained, the prospects are positive as abstracts have been converted to papers, several manuscripts are in preparation and some have been accepted for publication.

UWISON was assessed from August 24-26, 2005 to become a World Health Organization (WHO) Collaborating Centre in nursing and midwifery. The review from the PAHO/WHO Regional Director was

positive. The final stages of the designation process are currently being discussed in Geneva.

As part of the 40th anniversary, an **Endowment Fund** was launched with **US\$2,500**. Plans are in place to have the fund increased to facilitate research and scholarships for students and staff.

The School is preparing to offer undergraduate programme via distance education. Due to the tremendous clinical teaching workload of staff up to July, the conversion of course for web delivery was greatly slowed. A draft proposal was developed for delivering the BScN degree to practicing registered nurses through e-learning and distance education. The proposal was developed with a team from the R. Chang School of Continuing Education at Ryerson University. Dr. Raymond Chang Jamaican/Canadian philanthropist has expressed the desire to fund the pilot project.

Research Conferences: The School successfully co-hosted the UDOP in which Dr. Jean Yan, WHO Chief Nurse Scientist and recipient of the Sir Alistair McIntyre award gave the feature address. The Annual Nursing Midwifery research conference and Mary Jane Seivwright day took the form of an international conference with several new features. The keynote address was delivered by the noted Professor Loretta Sweet Jemmott, University of Pennsylvania on the first day of the conference while Professor Rosemarie Parse, Loma Linda University gave the feature address on the Mary J Seivwright Day. The conference was attended by a large number of internationally renowned nurse scientists as well as regional and international nurses and nursing students. Major outputs of this conference were the launching of the Caribbean Journal of Nursing and Midwifery and the establishment of an Endowment Fund at the gala alumni banquet, under the theme “Honouring our heritage, acknowledging achievements and moving forward with confidence”. Mrs. Scarlett Gillings, UWISON’s Board member was the guest speaker at which the Honourable Syringa Marshall-Burnett’s contribution to UWISON was celebrated.

The targets for 2006-07 are to:

- ❖ increase clinical teaching staff for the BScN (generic) degree by 100% thus enhancing students’ transfer of knowledge to practice;
- ❖ revise undergraduate and graduate curricula;
- ❖ expand the physical facilities of UWISON with offices, classrooms, state-of the art equipped skills laboratories to

accommodate the growing student and staff population and maintain a competitive edge in undergraduate and graduate nursing education;

- ❖ convert and deliver the BScN degree courses to practicing registered nurses nation-wide and Caribbean-wide through e-learning and distance education modes supported by international partnership;
- ❖ support academic staff in engagement with national and international interdisciplinary research team building to build capacity;
- ❖ strengthen nursing and midwifery research programmes and scholarship and increase staff publication output by at least 50%;
- ❖ collaborate with University of Pennsylvania School of Nursing in submitting fundable research project;
- ❖ recruit international nursing scholars through Visiting professorship and Fulbright scholarships to strengthen the experience of the academic staff and encourage international research partnership in nursing and midwifery research;
- ❖ be designated a World Health Organization Collaborating Center for Nursing and Midwifery in the Caribbean and provide the forum for dissemination of nursing and midwifery research;
- ❖ improve the administrative staffing level to expedite the turnaround time of information to and from the school;
- ❖ generate administrative tools for guiding staff and student performance and making the operations of the school more efficient and effective in delivering and maintaining best teaching and learning practices;
- ❖ increase the recently established Nursing Endowment Fund with the involvement of alumni to facilitate scholarships for students and staff research development;
- ❖ participate in an external quality assurance evaluation of the UWISON programmes in 2007.

Overall Teaching Achievement:

Teaching Assessments of Courses

Students' assessment of teachers ranged from 3.7 to 4.7 in Semester I and 3.7 to 4.6 in Semester II.

There are 12 full-time faculty members with a per capita staff publication of 0.3 and 1.3 for papers and abstracts respectively.

PAPERS PRESENTED

- Bailey, E. **Stewart H.**, Hewitt, H. **Green, R.** "A case study of Midwifery Services in Jamaica" Annual Nursing Midwifery Research Conference June 1, 2006, Sunset Jamaica Grande, Ocho Rios.

Duff, E.

- "Health and the Environment", Annual General Meeting, Portland Environment Protection Association, Portland Health Services Department, October 22, 2005
- "Ethics in Nursing Research" Nurse Practitioners' 50th Biannual and 2nd Annual Seminar, Sunset Jamaica Grande Resort, December 2, 2005
- "Oxidative stress in Jamaican adults with diabetes mellitus" International Nursing Midwifery Research Conference, Sunset Jamaica Grande Resort, June 3, 2006
- "High levels of oxidative stress in Jamaican adults with diabetes mellitus", 21st Caribbean Cardiac Society Conference, Half Moon Hotel Conference Centre, Montego Bay, July 22, 2006

Hewitt, H.

- "Strategic planning meeting" Caribbean HIV/AIDS Regional Training Network (CHART)/I-Tech Nursing Working Group, Accra Beach Hotel and Resort, Barbados, January 17-19, 2006;
- "Developments at UWISON" Nursing Council of Jamaica Tutors' Conference, University Hospital School of Nursing, January 31, 2006
- "The UWI School of Nursing" Bermuda, February 21, 2006

- “Developments in Nursing Education at UWISON” to Baccalaureate nursing students from Winona State University;
- “Regional Midwifery Accreditation” in Bermuda, February, 22, 2006
- “Honouring Mary Jane Seivwright” Annual Nursing Midwifery conference June 2, 2006 Ocho Rios
- “Honouring Syringa Marshall Burnett” June 3, 2006 anniversary banquet, Ocho Rios.

Kahwa, E.

- “Culture-specific factors influencing HIV-related sexual risk among Jamaican adolescents” International Nursing Midwifery Research Conference, Sunset Jamaica Grande Resort, June 3, 2006

Lindo, J.

- “The general mental well-being of doctors and nurses in two hospitals in Kingston, Jamaica”, International Nursing Midwifery Research Conference, Sunset Jamaica Grande Resort, June 3, 2006

Lopez, S.

- “Ethical Implications in Clinical Practice” Nurse Practitioners’ 50th Biannual and 2nd Annual Seminar, Sunset Jamaica Grande Resort December 2, 2005
- “End stage renal disease patients receiving haemodialysis: Perceived severity, susceptibility to their illness and support given by health personnel”, International Nursing Midwifery Research Conference, Sunset Jamaica Grande Resort, June 3, 2006,

Waldron, N.

- “Clinical Laboratory Investigations & Interpretation” Nurse Practitioners’ 50th Biannual and 2nd Annual Seminar, Sunset Jamaica Grande Resort December 2, 2005.

Weaver, S.

- “Psychiatric patients’ evaluation of the efficacy of traditional medicine vs. western biomedical sciences in the treatment of their mental illness”, International Nursing Midwifery Research

Conference, Sunset Jamaica Grande Resort, June 3, 2006.

PUBLICATIONS

WIMJ = West Indian Medical Journal

Book Chapter:

- * **Dr. Hermi Hewitt** “The Nursing Process in the Caribbean”, in *The Nursing Process: A Global Concept* (Chapter 10). ed. by B. Habermann, L. Uys & B. Parfitt, Edinburgh: Elsevier Churchill Livingstone, pp. 135-144.

Refereed Journal Articles:

- * **E.K. Kahwa**, L.A Sargeant, A. McCaw-Binns N. McFarlane-Anderson, M. Smikle, T. Forrester & R. Wilks. Anticardiolipin antibodies in Jamaican Primiparae. *Journal of Obstetrics and Gynaecology* (2006), 26(2):122-126.
- * A O'Connor, N McFarlane-Anderson, **E Duff**, R Wright-Pascoe, **Y Wint**. “gh levels of F2-Isoprostanes in Jamaican adults with diabetes mellitus”. *International Journal of Diabetes & Metabolism* 14 (2006): 46-49.

Abstracts

- * A O'Connor, N McFarlane-Anderson, **E Duff**, R Wright-Pascoe, **Y Wint**. “Oxidative Stress in Jamaican Adults with Diabetes Mellitus”. *The Caribbean Journal of Nursing and Midwifery* 1 (2006): 55.
- * K Hutchinson, L Jemmott, E B Vasas, **H Hewitt**, **E Kahwa**, **N Waldron**, B Bonaparte. “Culture-Specific Factors Influencing HIV-related Sexual Risk Among Jamaican Adolescents”. *Caribbean Journal of Nursing and Midwifery* 1, 1 (2006):60.
- * **J Lindo**, J LaGrenade, A McCaw-Binns, M Jackson, D Eldemire-Shearer. “The General Mental well being of Doctors and Nurses in two Hospitals in Kingston, Jamaica”. *The Caribbean Journal of Nursing and Midwifery* 1 (2006): 59.
- * **J Lindo** et al. “Perinatal mortality rates of Jamaica health regions”. *WIMJ* 55, 2 (2006): 50.
- * **S Lopez**, D Eldemire-Shearer, A McCaw-Binns, J LaGrenade, E N Barton. “End Stage Renal Disease Haemodialysis:

Perceived Severity, Susceptibility to their Illness and Support given by Health Personnel”. *The Caribbean Journal of Nursing and Midwifery* 1 (2006): 57.

- * N Younger, F Bennett, M Tulloch-Reid, **J Mullings**, T Forrester, E. Ward, D. Ashley, R. Wilks. “The Validity of Blood Glucose and Cholesterol as Estimated By Finger-Stick”. *WIMJ* 54, 2 (2006): 22.
- * M Tulloch-Reid, N Younger, M Boyne, N. Zohoori, T Ferguson, F Bennett, **J Mullings**, E. Ward, D. Ashley, R. Wilks. “Hypercholesterolemia and Social Status in Jamaica”. *WIMJ* 54, 2 (2006): 20.
- * **H Stewart, H Hewitt, E Bailey, R Green**. “A Case Study: Midwifery Services in Jamaica”. *The Caribbean Journal of Nursing and Midwifery* 1 (2006): 45.
- * C A B James, **S R Weaver**, K Morgan. “Psychiatric patients’ evaluation of the efficacy of Traditional medicine vs. Western biomedical sciences in the treatment of their mental illness”. *WIMJ* 55, 2 (2006): 67.
- * **Y B Wint, E M Duff**, N McFarlane-Anderson, A O’Connor, **E Y Bailey**, R A Wright- Pascoe. “Barriers to Diabetes Control in Adults in Jamaica”. *The Caribbean Journal of Nursing and Midwifery*, 1 (2006): 55.

INCOME GENERATION

Earnings from new ventures and graduate programmes amounted to approximately J\$64.8 million dollars.

PUBLIC SERVICE

Bailey, E.

- Assistant Editor, The Jamaican Nurse Journal;
- Member, Nursing Council of Jamaica Evaluation team.

Duff, E.

- Member, Nursing Council of Jamaica Research Committee

Green, R.

- Member, Planning Committee for the Nurse Practitioners' Continuing Education.

Hewitt H.

- Executive Board Member, International Academic Nursing Alliance
- Member, RNB/CARICOM Executive and Education Committees;
- Committee member, biennial relicensure of nurses, Nursing Council of Jamaica;
- Executive member, University Hospital League of Graduate Nurses;
- Committee member, *Jamaican Nurse Journal*

Lopez, S.

- Board member, Heart Foundation of Jamaica;
- Assistant Treasurer of the University Hospital League of Graduate Nurses;
- Committee member, the Jamaican Nurse Journal

Marshall-Burnett S.

- President, Senate of the Jamaican Parliament,
- Executive member of the PNP;
- Member, Nursing Council of Jamaica;
- Editor, *Jamaican Nurse Journal*.

Mullings J.

- Member, Orphans & Vulnerable Children Committee, Ministry of Health;
- Facilitator, MultiCare Foundation Sports Programme for Youth
- Member, Planning Committee - McCam Centre

Stewart, H.

- President, NAJ Credit Union's Board of Directors;
- Judge, NAJ student nurse of the Year competition;

- Member, National Council on Drug Abuse.

Weaver, S.

- Member, Lions Club.

Wint, Y.

- Member, Editorial Committee, The Jamaican Nurse Journal.

CATEGORIES OF STUDENTS

All students in the BScN (generic) programme are full time. Of the 42 students in the BScN (post RN) programme, 37 are full time while 5 are part time. All 22 full-time students who entered the BScN (post RN) in 2004 will be graduating with Honours in November 2006.

UWISON's 512 undergraduate students are as follows:

Undergraduate

Category of Students	New	Returning		Total	Graduat- ing Nov. 2006	Status
	1 st year	2 nd Year	3 rd Year			
BSN (generic) Mona campus	93	124	-	217	N/A	
BScN (generic) franchised at EXED	65	66	-	131	N/A	
BScN (generic) franchised at Brown's Town Community College	46	39	37	122	26/37	1 st Class= 3 Upper 2 nd =11 Lower 2 nd =12
<i>Sub-Total-BScN (generic)</i>	<i>204</i>	<i>229</i>	<i>37</i>	<i>470</i>	<i>26</i>	
<i>Sub-Total BScN (post RN)</i>	<i>17</i>	<i>25</i>	<i>-</i>	<i>42</i>	<i>42/25</i>	1 st Class =6 Upper 2 nd =13 Lower 2 nd =3
GRAND TOTAL Undergraduates	221	254	37	512	48	

Postgraduate:

The School started with thirty one (31) 1st and 2nd year post-graduate students and one (1) student from the 2004-05 class joined in the 2nd semester. One (1) student applied for leave of absence due to financial reasons and one (1) was asked to withdraw because of unsatisfactory academic performance in semester I. Of the remaining 29+1** students, 24 were full-time and 6 part-time. Nineteen (19) of the 23 eligible students completed the degree, of whom 10 received distinction. The MScN student population is as follows:

Category of Student	Fulltime	Part-time	Total	Graduating Nov. 2006	Status
MScN (Nursing Administration; Nursing Education)	11+1**	6	17+1**	12	Distinctions = 7
MScN (Family Nurse Practitioner; Mental Health/Psychiatric Nurse Practitioner)	12	-	12	7	Distinctions =3
Total postgraduates students	23+1**	6	29 + 1**	19	

** 2004-05 class

**FACULTY OF PURE AND
APPLIED SCIENCES
MONA**

Year ending July 31, 2006



Ronald E. Young, BSc, MSc *UWI*, PhD *St. And.* – Dean

Overview

HIGHLIGHTS

Curriculum & Quality Building – Strengthening regionality

The Departments of Physics, Chemistry and Life Sciences held cross-campus harmonization and curriculum reform meetings and, based upon this have initiated curriculum reform, aimed at facilitating movement between campuses and promoting active learning. A brief, pointed report from the **Quality Assurance Review** of the **Mathematics Section** emphasized the Section's need for new, effective leadership and additional faculty, to modernize its curriculum, improve communication and collaboration within and outside the department and, in general, to lift of its performance in teaching and research. The Section is responding to the challenge. **Computer Science** has updated its courses, de-emphasizing recall and focusing more on problem solving. As a software project the Section developed a streaming programme to serve the Faculty, and has helped tremendously with the streaming of laboratory and lecture groups, which still, because of late admissions, takes place far too late.

Outreach – Raising the profile of Science

The Faculty, partly in collaboration with CARIMAC, produced three short films entitled “*Seeing Red: The Science of Violence*”, “*Paradise Lost*” and “*Sick to Death: The Science of HIV-AIDS*”. This UWI/UNESCO Science/ Media Project was based on a proposal by Dr. Mark Thomas (Life Sciences) and Dean Young, aimed at fostering a more scientific approach to popular issues.

Different Departments ran workshops and offered special experiences for teachers, and for high school, primary school and even kindergarten children. The Faculty hosted 10 students and two teachers from the **Denham Town Primary School Science Club**. This inner city school has consistently excelled in schools' science competitions, and was recognized because of their success in promoting an interest in science among the young. They visited all the departments of the Faculty and dined at Pages Café. Follow-up visits are planned.

The Faculty continued to host **Generating Genius**, a programme of a London based organization run by Dr. Anthony Sewell. This programme aimed at raising the aspirations of black males to careers in Science and Medicine, now places more emphasis on Science. In addition to Chemistry, Life Sciences and Biotechnology, the students this year, all

Jamaican, had added exposure to Robotics in the Physics Department. **The Biotechnology Centre** continued its involvement in the **Citrus Replanting Project** with the **Ministry of Agriculture**.

Research Symposia & Workshops: Scholarly activities

The **Chemistry Department** hosted the **21st Biennial Mona Symposium on Natural Products**, and, with the support of the Strategic Transformation Team, held a workshop on the **Strategic Evolution of the Chemistry Department (1948 to 2006)**, aimed at identifying the factors contributing to the outstanding success of this Department over the years. The **Unit for Disaster Studies (Geography & Geology)** launched the **Virtual Disaster Library** in collaboration with the UWI Library, and the Department hosted the **5th British-Caribbean Geography Seminar** on *Global Change and Caribbean Vulnerability: Environment, Economy and Society at Risk*, in collaboration with the Royal Geographic Society and Institute of British Geographers. The Faculty was well represented at the **4th Biennial Conference of the International Society for the Development of Natural Products** held this year in Leysin, Switzerland. **Dr. Trevor Yee (Natural Products Institute)** was returned as Treasurer of the Society and **Dr. Rupika Delgoda** again won the prize for Best Poster. The **Centre for Marine Sciences** put on a Workshop on **Fish Energetics**.

Honours & Awards

Dr Michael Taylor (Physics Department) received the Scientific Research Council's **Young Scientist Award (2005)**, and **Professor Emeritus Edward Robinson** (Geography & Geology) received the **Gleaner's Honour Award for Science & Technology (2005)** and the **National Medal for Science & Technology (2005)**. **Nadale Downer-Riley**, PhD student in Chemistry, represented the region at the 56th meeting of Nobel Laureates (18th Assembly in Chemistry) in Lindau, Germany. The 2006 Principal's Award's went to **Professor Ralph Robinson & the Parasite Research Group** and to **Dr. Byron Wilson** of the Department of Life Sciences; to **Dr. Roy Porter & Ms. Petrea Facey** and to **Dr. Anthony Greenaway** of the Chemistry Department; to **Dr. Simon F. Mitchell** of the Department of Geography & Geology; and to **Drs. Mitko Voutchkov, Gerald Lalor & S. Macko** of ICENS.

STAFF

Nine full-time faculty (10%) resigned or retired (18 were lost last year).

PUBLICATIONS

Refereed publications fell by 5 (6%) with the annual per capita research output rising from 1.00 to 1.05. Total non-refereed publications, including conference presentations and technical reports (137), was down from 189 (2004/05) and 177 in 2003/04. Geography & Geology lead the teaching Departments with 1.5 refereed papers per full time staff member vs 1.3 for the Department of Chemistry. The Centre for Marine Sciences with 5 papers per staff member reached expectations for a research centre, but the Biotechnology Centre continued to under-produce. Geography/Geology dominated, as usual, in conference presentations / non-refereed articles / reports / monographs etc. (c. 5 per full time staff member).

	Academic Staff	Refereed Publications	Non-Refereed	Technical Reports	Conference Presentations
N:	78	82	11	21	105

UNDERGRADUATE PROGRAMME

Registration

At mid-October, 2005, the Faculty had **1682 students** with financial approval, an increase of 175 (12%) over the number of **1507** in October 2004 (Student Records System). Total number with financial approval at the close of the year (mid-August) was **2073** (increased by 3% over 2004/2005). Registrations in Level 1 courses ranged from 62 in Geology to 324 in Life Sciences, averaging 199 *vs* 195 last year (2% increase), but numbers rose significantly in Life Sciences (23%) and Chemistry (10%), and declined in all other programmes, notably in Biochemistry (–25%) and Geology (–20%). The fall in this second year of offering Level 1 Biochemistry, was probably due to recognition that it could not be used along with Chemistry for admission into Medical Sciences; that in Geology can be ascribed to the start-up of a similar programme at St. Augustine. Reasons for the rise in Chemistry and Life Sciences (apart from the exodus from Biochemistry) are unclear.

	2003/04	2004/05	2005/06
*Total Registered:	1801	2002	2073

*With financial approval at mid-August

BSc Degree Results

Numbers graduating in 2005/2006 increased by 7.5% to 274, after having increased by 20% in 2004/05. The percentage of First Class Honours fell (again) to 8%, but the percentage of pass degrees also fell.

Level of Degree	2003/2004		2004/2005		2005/2006	
	N	%	N	%	N	%
First	26	12.2	26	10.2	21	7.7
Upper Second	81	38.1	99	38.8	91	33.2
Lower Second	71	33.3	84	32.9	133	48.5
Pass	35	16.4	46	18.1	29	10.6
Total Graduating:	213	100.0	255	100.0	274	100.0

GRADUATE STUDIES

In 2005/2006, MSc registrations fell by 20%, and PhDs by 4%, but MPhils increased, with overall graduate registration falling by 27%, mainly in research students (67%).

Graduate Students

	REGISTERED			GRADUATING		
	2003/04	2004/05	2005/06	2003/04	2004/05	2005/06
MIS*	73	(73)	76	42	(42)	45
MSc	142	165	130	32	48	35
MPhil	188	167	175	15	20	8
PhD	62	71	68	5	16	4
Diploma	-	11	7	-	-	-
Total:	465	487	456	94	126	92

*MIS students are jointly taught by MSB and Computer Science staff and on alternate years are assigned to either FPAS or FSS (in 2005/06 they were assigned to FSS).

Graduate Courses

All groups, except the Computer Science Section and the Department of Life Sciences, discontinued some of their taught graduate programmes this

year. Consequently, the number of taught graduate courses fell from 60 to 47.

Department		Courses	Total Credits	Mean No. /Course	Courses/ Staff Member
Chemistry	4	13	13.5	0.2 [†]	1.7*
Geography &		3	26	3.7	0.5 3.4
Geology		0	0	n/a	n/a 2.4
Life Sciences		13	52	8.5	0.8 2.8
Mathematics &		3	18	1.0	0.5 3.8
Computer Science		16	68	24.3	3.2 7.6
Physics		8	45	11.1	0.8 2.6
TOTAL:		47	222	14.0	0.7 2.9

[†]This column indicates mean number of courses for graduate level only

*This column indicates mean number of courses including both graduate and undergraduate levels

GRANTS / INCOME

External Grants to the Faculty fell precipitously, across the board, by more than half although the total number of grants changed minimally (30 vs 33 in 2004/2005). Internal Grants, however, doubled in number and increased in value by 148%, whilst net Income Generated increased by 18%.

INTERNAL	EXTERNAL	INCOME
\$8,600,252 (n = 14)	\$51,214,349 (n = 30)	\$28,665,748 (n = 19)

Currency is stated in J\$ equivalents converted at a rate of J\$62 to US\$1

Most departments generated modest surpluses based upon income earned. The commercial arms of the Faculty, the NPI and MIAS both are still in the growth phase, and whilst generating patents (NPI) and significant increases in income (MIAS), are still not returning significant surpluses. Both, however, have very promising projects under development, which should be quite lucrative if brought to successful conclusions.

CONCLUSIONS

The Faculty has moved positively toward improving outreach to the schools at all levels and toward curriculum reform. Income diversification has been embraced through offering services (e.g. Commercial Chemistry), consultancies, surplus-generating courses and programmes,

and seeking grants. The Preliminary programme which the Campus wished to discontinue, but which the Faculty fought to retain, is proving to be very cost effective and useful in other ways, although the Faculty does not appear to be benefiting financially from this. The grant-seeking/income-generating performance has been effective, but erratic and income has not grown as steadily as might have been hoped. Research output also has not thrived and the loss of faculty along with failure to recruit internationally competitive replacements is a cause for concern.

DEPARTMENT OF CHEMISTRY

**Professor Ishenkumba A. Kahwa, BSc (Hons), MSc *Dar es Salaam*,
DPhil *Louisiana State* – Head of Department**

Overview of Department's Work 2005-2006



The Department started out the 2005-2006 academic year with a strong determination to address the issues of the UWI Mona's strategic challenges and to ensure that there was continuity in the areas which were not completed the previous year.

Areas receiving serious attention included the: (1) completion of the joint curriculum reform with the St. Augustine and Cave Hill campuses; (2) introduction of research experience for all students doing BSc Chemistry majors; (3) modernization and streamlining of the laboratory programmes into more manageable and appealing teaching-learning activities for the students; (4) preparation for the commencement of the Occupational and Environmental Safety and Health (OESH) programme; (5) increase in scholastic output above the thirty publications per year level attained in 2004/5, and (6) improvement of the curriculum delivery process in keeping with the Departmental Review of 2004-2005.

There was student registration growth of about 8% and 15% at the undergraduate and graduate levels respectively over 2004/5. The number of students served by our outreach programme to high schools and community colleges increased by 120% over last year. The Department also completed its experiment on the impact of research project learning/teaching methods; six students did the Research Project course where problem solving, communication (written and oral) and practical skills were developed and tested with good response from students. The Department will expand the Research Project offerings in 2006-2007 as a requirement for all chemistry programme majors.

The Department published 22 and 1 refereed and non-refereed articles respectively. This is short of the target of 30 refereed publications but

within the usual band; the Department will be working on improvements for 2006/7.

The Commercial Chemistry project which started out moderately in 2004/5 improved its earnings during the year; it has the potential to attract large earnings and will be a main area of concentration for the upcoming year. In the area of extra budgetary income, the target of US\$1M was attained and we have realised our objective of cultivating qualitative improvements in the ability of staff to compete for funding.

Again the Department was placed in the spotlight when **Nadale Downer-Riley** a Ph.D. student was chosen by the CARISCIENCE to represent the region at the 56th meeting of Nobel Laureates, held in Lindau, Germany, from June 25 – 30, 2006. It was the 18th Assembly in Chemistry and featured 18 laureates in Chemistry, 3 in Physics and 2 in Physiology/Medicine among the over 500 scientists from 48 countries. Nadale found the science stimulating and believed it was a great opportunity for interaction with some of the most brilliant minds in Chemistry. The meeting, she said, left nothing more to be desired of a scientific forum and she thanked CARISCIENCE and UNESCO for their support and for the tremendous opportunity offered to her.

The year's activities culminated with the hosting of the *Department of Chemistry STT Symposium: The Strategic Evolution of the Chemistry Department, UWI Mona (1948-2006)*. The conference was held July 17-19, 2006 and was funded by the Strategic Transformation Team - (STT). The goal was to bring together past department heads and students and university leaders to introspect on the progress the department has made, the challenges it is facing and opportunities for further progress. A report will be published in 2006/7 and it will also address the best practices which can be replicated in other university units.

Overall, there have been a total of fifteen in-house seminars conducted by both overseas and local professionals, in addition to two transfer seminars and four PhD orals.

HIGHLIGHTS OF MAJOR ACTIVITIES IN THE DEPARTMENT

1. New Occupational & Environmental, Safety and Health (OESH) Programme

The preparation for the introduction of the new degree programmes in Occupational and Environmental Safety and Health (OESH) met with tremendous success. All the preparations to start the course in 2006-2007 were put in place and funding for building classrooms and laboratories for teaching as well as for consultancy and training services were being vigorously pursued. Admission offers of 45, 2, and 3 were made for the MSc (OESH), M.Phil. and PhD programmes respectively.

2. Chemistry Curriculum Reform

While progress towards consensus was slower than expected, the underlying political process proceeded smoothly and the critical issues received open and detailed attention and discussion. Eventually in June 2006 a decision on the framework for the new curriculum was agreed on with support from the Faculty of Pure and Applied Sciences.

The key features of a new and modernized curriculum are:

1. a streamlined and enhanced laboratory programme at the undergraduate level that will alleviate the negative and stressful impact of 'too many laboratory sessions' in a week
2. a research project requirement for all Chemistry majors designed to enhance critical thinking skills and competencies as stipulated in the vision of the UWI graduate
3. to facilitate faster recovery from failure of Chemistry courses by would-be Chemistry majors. Much of this was done in collaboration with the St. Augustine and Cave Hill campuses to enhance the regional integration process.
4. at the graduate level, the new curriculum introduces cumulative examinations to make for well rounded doctoral graduates and introduces flexibility in taught course requirements to reflect diverse interest among research students and staff.

3. The Commercial Chemistry Project

The Commercial Chemistry Initiative has shown the potential to earn much needed income but the persistent shortage of synthetic organic chemists continues to be a problem. Nevertheless, one project has been secured and provisions were made for the recruitment of an Assistant Research Fellow and a Scientific Officer to the project with support from the Strategic Transformation Team.

4. Extra-Budgetary Income

Income generation: Although the Department did not secure new large external research grants as was the case in the previous year, the Department was able to realise its target of **US\$1M in extra-budgetary income** (US\$1.14 Million). This was achieved by aggressively tracking and sourcing of external consultancies, appeals to grantors to increase their contributions, offering summer school, rental of laboratories and other facilities and strategic alignment of the department's plans with the strategic transformation vision of the UWI Mona.

5. The Mona Symposium 2006

The Twenty First biennial Mona Symposium on Natural Products and Medicinal Chemistry was held from January 3-6, 2006. The symposium, which started in 1966, is the longest running international scientific meeting in the Caribbean.

It was attended by over seventy overseas participants and included a number of distinguished chemists from academia and industries in the Caribbean, the United States, United Kingdom and Japan. Among the participants was a group of seventeen undergraduate students from St. Olaf College in the USA who participated in the symposium and experienced a rich scientific and cultural exchange.

The conference provided opportunities for much productive collaboration between West Indian Chemists and participants from overseas. Graduate students from all three UWI campuses presented posters, which described their work and the outstanding ones attracted prizes.

6. CAPE Workshop

The hosting of the Caribbean Advanced Proficiency Exam (CAPE) Workshop has become an annual event for the Department, which increased in subscription by 120% this year. It was held February 27 – March 3, 2006 with five hundred and thirty-five (535) students from rural and corporate area high schools who were preparing for the CAPE Chemistry examination. The Workshop covered the Fundamentals of Spectroscopy for Unit I Chemistry and was co-ordinated by Dr. Novelette Sadler-McKnight.

7. The BEd. Secondary Distance Project

The Bachelor of Education Distance Teaching Project continued; new chemistry courses inorganic, organic and physical chemistry were developed and approved for the BED. package.

8. The Acquisition of UV-Visible Spectrometers

The Department was able, with campus support to acquire five fibre optic UV-Visible Spectrometers at a cost of US\$16,795.00. The acquisition of these instruments became a necessity as the student enrolment in the introductory and advanced laboratories increased by 29% over the 2002/3 academic year and the Department was faced with a severe shortage of spectrometers essential for running the labs.

9. Installation of Fume Hoods

New fume hoods were installed in the preliminary and physical chemistry teaching laboratories and the organic, inorganic and overflow organic chemistry research laboratories. The work was carried out by Goncura Company Ltd. at a cost of J\$14 Million and was funded by the UWI Mona Strategic Transformation Team.

10. The Re-naming of the Applied Teaching Laboratory

Based on a recommendation from the Department, the University approved the re-naming of the Applied Chemistry Teaching and Research Laboratory '*The Kenneth E. Magnus Applied Chemistry Teaching and Research Laboratory*' in honour of Professor Ken Magnus a former Head of Department and Dean of Faculty who developed and started the Applied Chemistry Programme in 1968.

11. Chemists-at-Heart

On June 13, 2006 the Department accommodated a group of Kindergarteners from the Rainbow Land Nursery School and Kindergarten who got a taste of hands-on experiments including how to make ice cream using liquid nitrogen and laser demonstrations. Also 40 students from the Denham Town Primary School's Science Club and 20 high school students visited the Department and participated in similar exercises.

12. Study Abroad Programme

Seventeen students from St. Olaf College in the United States arrived in the Department on January 5, 2006 to pursue an undergraduate course in *Medicinal Chemistry: An International Perspective*. A component of the course

was their attendance at the Mona Symposium on Medicinal and Natural Products. This conference provided an opportunity for them to meet and interact with professional medicinal chemists and graduate students from different countries and to share in a cross-cultural learning experience. The group returned to the US on January 28, 2006 after completing the course and writing their examinations.

13. The Department of Chemistry: STT Symposium

The Department concluded its year-long activities with what could be considered one of its most successful events by the hosting of the *Department of Chemistry STT Symposium: The Strategic Evolution of the Chemistry Department, UWI Mona (1948-2006)*. The symposium was held July 17-19, 2006 and was funded by the Strategic Transformation Team - STT.

The goal of the symposium was to formally document the evolutionary process of the Department's scholastic excellence and to identify lessons that helped to deepen the success of the Department and from which other UWI Departments and Units could benefit. The objective of the conference was to analyse the evolutionary process and to identify leadership and management policies/visions, resource deployment strategies, custom and practices which have contributed to the sustained success of the Department since 1948.

With its clear goal and objectives special invitations were extended to the former heads of department and lecturers so that they could provide insights into the department's scholastic evolution and strategic measures which nurtured and sustained it. Six of the eight former heads, Professors Cedric Hassall (Founding Head), Gerald Lalor, Wilfred Chan, Ken Magnus, Dr. Earle Roberts and Tara Dasgupta and the current head attended the symposium as well as current lecturers. Two former lecturers, Prof. Vernon Box and Dr. Basil Burke, who themselves benefited (as students and young staff) from the nurturing environment which the Department provided, also participated.

14. Student Assessment

Student ratings for teaching performance continue to be high (out of 5, score ranges are: 3.0–4.6, 3.0-4.4 and 3.3–4.3±1 for lecturers, courses and laboratories respectively). The curriculum reform effort will take into account student assessments, especially laboratories where higher scores would normally be expected.

15. Customer Service Perception survey was carried out at the Chemistry Office in January 2006 and the Department received a score of 70.5%.

Research Day Awardees

Dr. Roy Porter and **Ms. Petrea Facey** received award for *Best Publication*

Dr. Anthony Greenaway received an award for the *Research Project Attracting the Most Research Funds* – US\$365,173.00.

Professor Helen Jacobs received the Vice Chancellor's Award for Excellence Performance in Research.

PAPERS PRESENTED

- **Mohammed Bakir**, 'The development of the chemistry of di-2-pyridyl-ketone derivatives for molecular sensing & catalytic applications', Texas A & M University, Commerce, TX, Feb. 2, 2006.
- **Mohammed Bakir** and Orville Green, 'Molecular sensing behavior of $[ZnCl_2(\eta^3-dpkbh)]$ where dpkbh = N,N,O-di-2-pyridyl ketone benzoyl hydrazone', 75th Gordon Research Conference, Salve Regina University, Newport Rhode Island, July 17-21, 2006.
- **Shakia Sewell**, Michael Coley and Anthony Greenaway. 'The impact of Goethite content and crystal morphology in Bauxites on Red Mud settling in the Low Temperature Bayer process. Geological Society of Jamaica Conference, Dec. 2005.
- Debbie-Ann Gordon-Smith, Francine Taylor-Campbell, Kayan Campbell and **Anthony Greenaway**. Nutrient Fluxes to Sections of Jamaica's Coastal Zone. Geological Society of Jamaica Conference, Dec. 2005.
- **J. A. Grant**, Y. A. Jackson and M. Gossell-Williams, "The Synthesis And Pharmacological Activity of Some Novel 1,3-Diazepinium Chlorides", Faculty of Medical Sciences Conference, Kingston, Jamaica, Nov. 2005.

- **Ishenkumba Kahwa** ‘The need for Inquiry Based Science Education methods in the Caribbean’ September 24-28, 2005, 2nd IANAS Science Education Focal Points meeting in Edmonton, Canada.
- **Ishenkumba Kahwa**, ‘Small nanoclusters: mechanical and cooperative electronic behaviour therein’, 3rd IUPAC International Symposium on Macro and Supramolecular Architectures and Materials (MAM-06): Practical Nanochemistry and Novel Approaches from May 28 - June 1, 2006, Tokyo, Japan.
- **Ishenkumba Kahwa**, ‘Opportunities for education and training in OESH at UWI’, 3rd Caribbean Environmental Forum, June 5-9, 2006, Antigua.
- **Ishenkumba Kahwa**, ‘The status of science and technology in the Caribbean’, CARICOM Conference on: Harnessing Science and Technology for Caribbean Development, Trinidad and Tobago, May 10-13, 2006.
- **Lancashire, Robert**, ‘Developing interactive web pages with MDL Chime and JAVA’, 40th IUPAC CONGRESS 14-19 August 2005 Beijing, China
- Richard Cammack, Yang Fann, **Robert J. Lancashire**, John P. Maher, Peter S. McIntyre, and Reef Morse, ‘Proposed International Standard for Exchange of EMR/EPR/ESR spectroscopic data’ 40th IUPAC CONGRESS, August 14-19, 2005 Beijing, China.
- **Robert Lancashire**, “JSpecView - A Java-Based Spectroscopy Viewer” University of Cologne, Germany, July 2006
- **Robert Lancashire** “JSpecView - A Java-Based Spectroscopy Viewer” presented at 19th BCCE (Biennial Conference on Chemical Education), Purdue University, July 30 – August 3, 2006.
- **Camille S. Bowen**, Donna A. Minott-Kates. “RP-HPLC analysis of hypoglycins A and B in ackees (*Blighia sapida*): Determination of the mechanism of natural detoxification of the fruit”. Institute of Food Technologists. Orlando, USA, June 2006.
- Grace Ann Junor, Roy B. R. Porter, Lawrence A. D. Williams and **Trevor H. Yee**, ‘An Investigation into the Essential Oil Composition of the Three Endemic Species of *Bursera* spp.

(Burseraceae) in Jamaica., 4th International Society for the Development of Natural Products Conference, Leysin, Switzerland, May 2006.

- **M. Shields**, T. Yee, P. Reese, and R. Delgoda 'Investigating the potential for drug-herb interactions in Jamaica: effects of medicinal plants on the activity of Cytochrome P450 enzymes., 13th Meeting of the International Society for the Study of Xenobiotics (NA)/20th Meeting of the Japanese International Society for the Study of Xenobiotics, Maui, Hawaii, U.S.A., October 23 - 27, 2005. Abstract: Drug Metabolism Reviews, 2005, 37 (Suppl. 2).
- **W.M. Forbes**, R.D. Robinson and P.B. Reese 'Eryngial, a plant compound with marked anthelmintic activity *in vitro* using *Strongyloides stercoralis* L3'. American Society of Tropical Medicine and Hygiene, Washington, U.S.A., December 11 - 15, 2005. Abstract: The American Journal of Tropical Medicine and Hygiene, 2005, 73(6): 254.
- **Marvadeen Singh-Wilmot**, 'X-ray Crystallography at the University of the West Indies, Mona: Structures of Novel Metal Complexes and the H-Bonding Interactions Featured in Them'. American Crystallographic Associations Annual Meeting in Honolulu, Hawaii, July 2006.

PUBLICATIONS

Refereed Journal Articles

Bakir M, Gyles C

- * Monosaccharide optical sensor based on ruthenium(II)-bis(bipyridine) of 4-nitrophenyl-di-2-pyridyl ketone hydrazone (dpknph), [Ru(biPY)(2)(dpknph)]Cl-2, *Journal of Molecular Structure* 753 (1-3): 35-39, 2005
- * Bakir M, Conry RR, Green O. Polymorphic di-2-pyridyl ketone 4-nitrophenylhydrazone (dpknph): the structure of beta-dpknph, *Acta Crystallographica Section C-Crystal Structure Communications* 61: O607-O609, 2005

- * Clarke ZE, Maragh PT, Dasgupta TP, Gusev DG, Lough AJ, Abdur-Rashid K. A family of active iridium catalysts for transfer hydrogenation of ketones, *Organometallics* 25 (17): 4113-4117, 2006
- * Abdur-Rashid K, Dasgupta TP, Burgess J. Solubilities and transfer chemical potentials for cobalt(III) complexes in t-butanol-, i-propanol-, and ethanol-water mixtures, *Transition Metal Chemistry* 30 (8): 948-956, 2005
- * Burgess J, Hubbard CD, Miyares PH, Cole TL, Dasgupta TP, Leebeert S. Kinetics of dissociation of tris-{3-(2-pyridyl)-5,6-bis(2-furyl)-1,2,4-triazine}iron(II) *Transition Metal Chemistry* 30 (8): 957-963, 2005
- * Dasgupta TP, Aquart DV. Transfer of nitric oxide from nitrovasodilators to free thiols - Evidence of two distinct stages, *Biochemical and Biophysical Research Communications* 335 (3): 730-733, 2005
- * Taylor RA, Ellis HA, Maragh PT, White NAS. The room temperature structures of anhydrous zinc(II) hexanoate and pentadecanoate, *Journal of Molecular Structure* 787 (1-3): 113-120, 2006
- * Gallimore WA, Kelly M, Scheuer PJ. Alkaloids from the sponge *Monanchora unguifera*, *Journal of Natural Products* 68 (9): 1420-1423, 2005
- * Greenaway AM, Gordon-Smith DA. The effects of rainfall on the distribution of inorganic nitrogen and phosphorus in Discovery Bay, Jamaica. *Limnology and Oceanography* 51 (5): 2206-2220, 2006
- * Hassan I, Antao SM, Parise JB. Cancrinite: Crystal structure, phase transitions, and dehydration behavior with temperature, *American Mineralogist* 91 (7): 1117-1124, 2006
- * Antao SM, Hassan I, Crichton WA, Parise JB. Effects of high pressure and high temperature on cation ordering in magnesioferrite, MgFe_2O_4 , using in situ synchrotron X-ray powder diffraction up to 1430 K and 6 GPa, *American Mineralogist* 90 (10): 1500-1505, 2005

- * Antao SM, Hassan I, Parise JB. Cation ordering in magnesioferrite, MgFe_2O_4 to 982 degrees C using in situ synchrotron X-ray powder diffraction. *American Mineralogist* 90 (1): 219-228, 2005
- * Hepburn SA, Jackson YA. A concise synthesis of further thiophene analogues of kuanoniamine A. *Heterocycles* 68 (5): 975-981, 1 2006
- * Blake OA, Bennink MR, Jackson JC. Ackee (*Blighia sapida*) hypoglycin A toxicity: Dose response assessment in laboratory rats, *Food and Chemical Toxicology* 44 (2): 207-213, 2006
- * McAnuff MA, Harding WW, Omoruyi FO, Jacobs H, Morrison EY, Asemota HN. Hypoglycemic effects of steroidal sapogenins isolated from Jamaican bitter yam, *Dioscorea polygonoides*, *Food and Chemical Toxicology* 43 (11): 1667-1672, 2005
- * Cammack R, Fann Y, Lancashire RJ, Maher JP, McIntyre PS, Morse R. JCAMP-DX for electron magnetic resonance(EMR). *Pure and Applied Chemistry* 78 (3): 613-631, 2006
- * Maragh PT, Thomas SE, Dasgupta TP. Kinetics and mechanism of the aquation of the trinuclear cation, $[\mu(3)\text{-oxo-triaqua-hexakis}(\text{acetato})\text{tris}(\text{iron(III)})](+)$ in perchloric acid media, *Inorganica Chimica Acta* 358 (13): 3610-3616, 2005
- * Bakir M, Biggs DAC, Lough A, Mulder WH, Reynolds W, Porter RB. 7-acetyl-12-methoxyhorminone from Jamaican *Hyptis verticillata* (Labiatae), *Acta Crystallographica Section E-Structure Reports Online* 62: O306-O308 Part 1, 2006
- * Lamm AS, Reynolds WF, Reese PB. Bioconversion of *Stemodia maritima* diterpenes and derivatives by *Cunninghamella echinulata* var. *elegans* and *Phanerochaete chrysosporium*, *Phytochemistry* 67 (11): 1088-1093, 2006
- * Chen ARM, Ruddock PLD, Lamm AS, Reynolds WF, Reese PB. Stemodane and stemarane diterpenoid hydroxy-lation by *Mucor plumbeus* and *Whetzelinia sclerotiorum*, *Phytochemistry* 66 (16): 1898-1902, 2005
- * Singh-Wilmot MA, Kahwa IA, Lough AJ. Tetrakis $\mu(2)$ -2,6-diformyl-4-methylphenolato)tetra- $\mu(3)$ -hydroxo-tetrakis

[diaquaneodymium(III)] tetrakis(perchlorate) ethanol disolvate,
Acta Crystallographica Section E-Structure Reports Online 62: M113-
M115 Part 1, 2006

Non-refereed

- * Lancashire RJ, Davies AN. "Spectroscopic Data: The Quest for a Universal Format", *Chemistry International* 28(1), 10-12, January-February 2006. Reprinted in: *Chemistry in Australia*, 73(2): 17-19, 2006.
- * Davies AN, Lancashire RJ, Lampen P. "Embedding spectra and structures in your web pages", *Spectroscopy Europe* 17(5), 28-30, 2005.

Technical Reports

Anthony M. Greenaway

- * Caustic soluble phosphorus in Jamalco bauxites: First Quarterly Report. Khadeen E. Henry, Michael D. Coley and Anthony M. Greenaway. Submitted to Jamalco and Alcoa World, August 31, 2005. 59 pages
- * Caustic soluble phosphorus in Jamalco bauxites: Second Quarterly Report. Khadeen E. Henry, Kamille K. Gyles, Michael D. Coley and Anthony M. Greenaway. Submitted to Jamalco and Alcoa World, February 21, 2006. 74 pages.
- * Caustic soluble phosphorus in Jamalco bauxites: Third Quarterly Report. Khadeen E. Henry, Kamille K. Gyles, Michael D. Coley, Anthony M. Greenaway. Submitted to Jamalco and Alcoa World, May 18, 2006. 78 pages.
- * Caustic soluble chromium, manganese, copper, zinc and cadmium in Jamalco bauxites. First Quarterly Report. Alicia N. Bucknor, Michael D. Coley, Anthony M. Greenaway. Submitted to Jamalco and Alcoa World, August 1, 2005. 55 pages.
- * Caustic soluble chromium, manganese, copper, zinc and cadmium in Jamalco bauxites. Second Quarterly Report. Alicia N. Bucknor, Michael D. Coley, Anthony M. Greenaway. Submitted to Jamalco and Alcoa World, February 21, 2006. 61 pages.

- * Caustic soluble chromium, manganese, copper, zinc and cadmium in Jamalco bauxites. Third Quarterly Report. Alicia N. Bucknor, Michael D. Coley, Anthony M. Greenaway. Submitted to Jamalco and Alcoa World. May 15, 2006. 68 pages.

INCOME GENERATION

Research Grants

Dr. Anthony Greenaway

The Caustic Soluble Impurities in Jamalco Bauxites: Funded by Jamalco and Alcoa World continues.

UWI New Initiative grant of **J\$1,485,999.00** to purchase field equipment for project on the use of remote sensing data to assess water quality.

Dr. Winklet Gallimore

Funding from the Campus Research and Publications – **US\$2,000.00**

Grant from the University of Mississippi – **US\$3,180.00.**

Professor Yvette Jackson

Royal Society of Chemistry (2006) – **£1,000.00**, Synthesis of Aza- and Diazarotenoids

DuPont Crop Protection, Stine-Haskell Research Center – **US\$3,600.00.**

Ishenkumba Kahwa received **J\$1.5 Million** from the New Initiative fund for the project 'Hazardous materials in the informal sector' and **US\$3,000** from the Research and Publications grants programme for his team's work on novel lanthanide clusters. US\$17,000 was secured from the Inter-American Association of Academies of Science for the science educational activities in the CARICOM region including a regional science conference.

Dr. Donna Minott-Kates received grants totalling **J\$375,000.00** from Research and Publication for three MPhil projects.

Dr. Roy Porter received a New Initiative grant of **J\$1.5M** for the research project titled Investigation of chemical composition and biological activity of the essential oils from six Jamaican species of the *Hyptis* Genus.

Professor Paul Reese received **US\$2,000.00** from the Board for Graduate Studies, Mona to cover costs involved in identification of isolated marine fungi.

Dr. Novelette Sadler-McKnight received **\$500,000** from the STT to support joint research initiative in Chemical Education.

Commercial Activity

Prof Tara Dasgupta's Pesticide Research laboratory generated **J\$2** Million from analytical services.

Anthony Greenaway's commercial analyses generated **J\$590,000.00**

Donna Minott's hypoglycin production generated **J\$32,000.00**

Prof. Ishenkumba Kahwa's hazardous materials project generated about **J\$8** Million including a **J\$6.47M** grant from the Environmental Foundation of Jamaica (EFJ) to clean up asbestos from the Old Harbour Succaba Pen Community.

Dr. Novelette Sadler-McKnight generated **\$2 Million** from the sale of kits, manuals, workshops and the use of laboratory facilities.

PUBLIC SERVICE

Professor T. Dasgupta:

- Chief Editor, *Jamaican Journal of Science and Technology*
- Member, BSJ Committee for designing Metrology Building
- Member, National Agricultural Health and Food Safety Coordinating Committee
- Member, Board of Editors, Inorganic Reaction Mechanisms.
- Referee for Inorganic Chemistry, Dalton Transaction, *International Journal for Chemical Kinetics*, *West Indian Journal of Engineering*
- Member, Pesticide Residue Monitoring Committee
- President, Caribbean Academy of Sciences

Dr. A. Greenaway:

- Member, National Ozone Commission
- Member, BSJ/NEPA Phosphate Technical Committee

Professor Y. Jackson

- Consultant, Tanaud International
- Regional Editor, MOLECULES
- Foreign Research Mentor for the Minority International Research Training Programme, Barry University, Florida
- Member, Board of Governors, Hampton High School, St. Elizabeth
- Member of the Strategic Transformation Team
- Coordinator of the First Year Experience (FYE)

Professor H. Jacobs:

- Member, Project Steering Committee for Enabling Activities for Jamaica to Develop and implement the National Implementation Plan for the Persistent Organic Pollutants (POPs) Convention

Professor R. Lancashire:

- University Representative, Board of the Jamaica Computer Society Education Foundation
- Executive Member, Jamaica Society of Scientists and Technologists
- Leader, IUPAC Task Group on EMR data structures

Dr. P. Maragh:

- Faculty Representative, FPAS on WIGUT Executive
- Member, National Industrial Safety Committee, Bureau of Standards
- Member, Museums Advisory Board, Institute of Jamaica

Dr. D. Minott-Kates:

- Director, Better Process Control School

- Patron, Project Smiles (Jamaica AIDS Support for Life)
- Member, Minister of Commerce, Science & Technology Technical Committee to examine problems in the ackee industry associated with high hypoglycin levels.

Dr. W. Pinnock:

- Member, National Radiation Safety Council, Ministry of Health, Government of Jamaica.
- Member, Steering Committee for Food Irradiation, National Commission of Science and Technology

Dr. R. Porter:

- Member, Bureau of Standards Propane-Butane technical committee.

Professor P. Reese:

- Member, Equine Drug Testing Committee
- Member, Product Research & Development Committee, Scientific Research Council.

Dr. N. Sadler-McKnight:

- Member, Technical and Finance Committee, Scientific Research Council
- Council member, Jamaica Society for Scientists and Technologists (JSST).
- Executive Secretary, Alumni and Friends of the Department of Chemistry, UWI, Mona (CHEMSAF).

Dr. M. Singh-Wilmot

- Member, Organizing Committee, Caribbean Advanced Proficiency (CAPE) Workshop.

CATEGORIES OF STUDENTS

TOTAL STUDENT ENROLMENT IN CHEMISTRY COURSES

LEVEL	2003/2004	2004/2005	2005/2006
Preliminary	397	420	412
Introductory	533	557	613

Advanced	845	883	976
Postgraduate (Research students)		61	70

Undergraduate Awards

A total of seven undergraduate students from the Department received awards ranging from \$10,000 to \$60,000 for their academic achievements in Chemistry.

Postgraduates

Ms. Julie-Ann Grant, Mr. Floyd Russell and Kay-anne McCook have been upgraded to Ph.D. status while the following **six** graduate students completed requirements for the Doctor of Philosophy degree:

Ms. Camille Bowen

Ms. Petrea Facey

Mrs. Debbie Gordon-Smith

Mrs. Roxanne Richards-Johnson

Ms. Shelley McKenzie

Mr. Chadwick Anderson

DEPARTMENT OF GEOGRAPHY AND GEOLOGY

**Professor David Barker, BSc *Wales*, PhD *Bristol*, Dip Urb & Reg
Studs *Birmingham* - Head of Department**

WORK OF THE DEPARTMENT



Professor **David Barker** assumed duties on August 1, 2005 as the new Head of the Department.

Professor Wilma Bailey retired after many years of service to the University.

Dr Ben Arimah resigned as Senior Lecturer in Geography and left Jamaica at the beginning of Semester 2. **Dr Susan Mains** remained on Fellowship Leave, and **Dr David Dodman** continued as Temporary Assistant Lecturer in Geography in her place.

The Department and the university community were shocked at the untimely and tragic death in a motor vehicle accident in June of **Steve Bailey**, who was about to complete his PhD in Geography.

The Department, in conjunction with the Royal Geographical Society/Institute of British Geographers hosted the Fifth British-Caribbean Geography Seminar on the theme “Global Change and Caribbean Vulnerability: Environment, Economy and Society at Risk?” This seminar was held at the Mona campus from July 24 to 28, 2006. A total of 31 papers were presented, and participants were drawn from not just Jamaica and the UK but also Antigua, Barbados, Canada, Guyana, the Netherlands, and the USA. Two field trips were organized as part of the seminar.

Geology staff and postgraduate students participated in the Conference Celebrating 50 Years of the Geological Society of Jamaica which was held at the Mona campus from December 1 to 4, 2005. A total of 41 papers were presented by participants from Jamaica, the USA, Canada and the UK. Two field trips were organized as part of the conference.

The Department continued to administer the Earthquake Unit, the Unit for Disaster Studies, the Environmental Management Unit, and the Marine Geology Unit.

The Unit for Disaster Studies, headed by **Mr Rafi Ahmad**, in collaboration with the Caribbean Disaster Information Network and the UWI Library, launched the Virtual Disaster Library in January 2006. Through the Unit, too, in recognition of its work in mapping and research in natural hazards, the Department received IKONOS imagery of Jamaica from the Ministry of Land and the Environment, for use by staff and postgraduate students.

Professor Emeritus Edward Robinson received The Gleaner Honour Award for Science and Technology, 2005, as well as The National Medal for Science and Technology, 2005.

PAPERS PRESENTED

Presentations made at Conference Celebrating 50 Years of the Geological Society of Jamaica, Kingston, Jamaica, December 1-4, 2005.

- L. Walter & **R. Ahmad**. "Management of urban flooding hazards."
- **R. Ahmad**. "The shaping of Kingston by its urban geology."
- **I. Brown & S. Mitchell**. "Stratigraphy and depositional history of the sedimentary succession in the Benbow Inlier, Jamaica."
- **T. Jackson**, R. Pickerill, S. Donovan & P. Scott. "The volcanoclastic turbidites of the Grand Bay Formation, Carriacou, Grenadines, Lesser Antilles."
- R. Ramsook & **S. Mitchell**. "Tchnology and sedimentology of a deepwater Paleocene rift basin, eastern Jamaica."
- S. Khan & **S. Mitchell**. "Coastal erosion: the impact of storms on sandy beach systems."
- P. Allsworth-Jones, **S. Mitchell**, M. Vutchkov & G. Lalor. "Analysis of pre-Columbian Jamaican ceramics."
- E. James & **S. Mitchell**. "Microfacies analysis of the Wilmington Formation in Needham Town, St Thomas, Jamaica."

- S. James & **S. Mitchell**. “Tectonostratigraphic evolution of the Coastal Group of eastern St Thomas.”
- **S. Mitchell**. “Geological evolution of Jamaica.”
- **E. Robinson**, D. Rowe & S. Khan. “Geological evidence for palaeotsunami events on the coast of Jamaica.”
- **T. Stemmann**. “Hopegate Formation reefs and uplift in northern Jamaica.”

Other Presentations

- **R. Ahmad**. “Natural hazards and the built environment of Kingston.” Conference on Built Environment Issues in Small Island States and Territories, Kingston, Jamaica, August 3-5, 2005.
- **R. Ahmad**. “Impact of natural hazards on water supply systems in small island states: Jamaican example.” Fifth Inter-American Dialogue on Water Management, Montego Bay, Jamaica, October 9-14, 2005.
- **R. Ahmad**. “Living with natural hazards in Jamaica.” International Workshop on Promoting Best Practices for Natural Disaster Mitigation in Small Island Developing States, Mauritius, October 27-29, 2005.
- **R. Ahmad**. “Preventive maintenance for disaster mitigation.” PIOJ, 50th anniversary conference, Kingston, Jamaica, November 23-24, 2005.
- **R. Ahmad**. “Safe housing: the ground rules, challenges of the housing market in the 21st century.” Housing Conference, Montego Bay, Jamaica, May 29-30, 2006.
- **R. Ahmad** & P. Lyew-Ayee (Jr). “Knowledge management in disaster risk reduction: contributions of the University of the West Indies at Mona.” 26th Annual Caribbean Insurance Conference, Montego Bay, Jamaica, June 4-7, 2006.
- **R. Ahmad**. “Safe housing: ground rules.” 2006 NHT Housing Conference, Kingston, Jamaica, June 19-20, 2006.
- **D. Barker** & C. Beckford. “Yam farming and the yam stick problem in Jamaica: the role of farmers’ indigenous knowledge in the search for sustainable solutions.” 60th Annual Meeting, Southeastern Division, Association of American Geographers,

West Palm Beach, Florida, USA, November 20-22, 2005.

- **D. McGregor & D. Barker.** “Environmental change and Caribbean food security: recent hazard impacts and domestic food production in Jamaica.” Fifth British-Caribbean Geography Seminar, Kingston, Jamaica, July 24-28, 2006.
- **I. Brown & S. Mitchell.** “Stratigraphy of the Cretaceous succession in the Benbow Inlier, Jamaica.” 17th Caribbean Geological Conference, San Juan, Puerto Rico, July 17-21.
- **D. Dodman.** “Redevelopment, renewal and restoration in downtown Kingston since independence.” Annual Conference, Royal Geographical Society & Institute of British Geographers, September 2005.
- **D. Dodman.** “Mixing methods in Montego Bay: contrasting findings from contrasting techniques.” Annual Meeting, Southeastern Division, Association of American Geographers, West Palm Beach, Florida, USA, November 2005.
- **D. Dodman.** “The creation of community? Citizen action, social movements and the Portmore toll controversy.” Conference on Identity, Worldview and Religion, Kingston, Jamaica, January 2006.
- **D. Dodman.** “Post-independence optimism and the legacy of waterfront redevelopment in Kingston, Jamaica.” Annual Meeting, Association of American Geographers, Chicago, Illinois, USA, March 2006.
- **D. Dodman.** “We be nyammin?” Food supply, authenticity and the tourist experience in Negril, Jamaica.” Annual Conference, Society for Caribbean Studies, Kew, UK, July 2006.
- **T.A. Stemmann, S. Mitchell & G. Gunter.** “Coral communities in the latest Maastrichtian of Jamaica.” Annual Meeting, Geological Society of America, Salt Lake City, Utah, USA, October 16-19, 2005.
- **S. Mitchell.** “Hydrocarbon exploration in Jamaica – geological insight.” PCJ Panel Discussion on Oil and Gas Exploration in Jamaica, Kingston, Jamaica, June 14, 2006.

- **S. Mitchell.** “Geological evidence for land over time in Jamaica.” NESCent Meeting on Evolutionary Diversity of the West Indies, Punta Cana, Dominican Republic, July 5-9, 2006.
- **E. Robinson, D. Rowe & R. Ahmad.** “Possible tsunamigenic submarine slides and boulder deposits on Jamaica and its island slopes.” 17th Caribbean Geological Conference, San Juan, Puerto Rico, July 17-21, 2005.
- **E. Robinson, D. Rowe & S. Khan.** “Wave emplaced boulders on Jamaica’s rocky shores.” 1st International Tsunami Field Symposium, Bonaire, March 2-4, 2006.
- **D. Rowe, S. Khan & E. Robinson.** “Hurricanes or tsunami? Comparative analysis of extensive boulder arrays along the southwest and north coasts of Jamaica: implications for coastal management.” International Seminar on Global Change and Caribbean Vulnerability, UWI, Mona, July 24-28, 2006
- **E. Thomas-Hope.** “Migration trends in the Caribbean.” UN Economic Commission for Latin America and the Caribbean, Port of Spain, Trinidad, September 14-15, 2005.
- **E. Thomas-Hope.** “Constructions of sustainable development in environmental education.” Conference on Education for Sustainable Development, Kingston, Jamaica, October 18, 2005.
- **E. Thomas-Hope.** “Issues relating to contingent rights of migrants within the CSME.” Conference on the Caribbean Single Market and Economy (CSME), Georgetown, Guyana, March 23, 2006.
- **E. Thomas-Hope.** “Caribbean diaspora streams.” International Conference on Diaspora as Wealth Creators, Jonkoping, Sweden, April 6-8, 2006.
- **E. Thomas-Hope.** “Sustainable development activities in Jamaica.” UN Conference on Towards the Sustainable Development of Small Island Developing States, St Augustine, Trinidad, May 16-17, 2006.
- **E. Thomas-Hope, B. Henoch & H. Simcoe-Read.** “Transnational entrepreneurial sustainable agriculture trading circles in Jamaica.” International conference on Caribbean Migration: Forced and Free, UWI, Mona, June 12-14, 2006.

- **E. Thomas-Hope.** “Tourism and the vulnerability of Jamaica’s natural resource base.” Fifth British-Caribbean Geography Seminar, Kingston, Jamaica, July 24-28, 2006.

PUBLICATIONS

Books and Monographs

- * **D. Barker** (ed.). *Caribbean Geography*, Volume 13, Nos. 1 & 2, 2003.
- * **S. Mitchell** & G. Draper (eds.). *Caribbean Journal of Earth Science*, Volume 39 (2004).

Refereed Book Chapters and Journal Articles

- * G. Gordon-Strachan, **W. Bailey**, S. Lalta, E. Ward, A. Henry-Lee & E. LeFranc. “Linking researchers and policy makers: some challenges and approaches.” *Saúde Pública*, 22 (x), pp. 109-118.
- * **D. Barker.** “Field surveys and inventories.” In V. Desai & R. Potter (eds.), *Doing Development Research*. London: Sage Publications, 2006, pp. 130-143.
- * G. Gunter & **S. Mitchell.** “The lithostratigraphy of the Maldon Inlier, northwestern Jamaica.” *Caribbean Journal of Earth Science*, 38, 2005, 1-10.
- * **S. Mitchell.** “The oldest barnacle from the Caribbean is a rudist bivalve.” *Cretaceous Research*, 26, 2005, 895-897.
- * **S. Mitchell.** “Eight belemnite biohorizons in the Cenomanian of northwest Europe and their importance.” *Geological Journal*, 40, 2005, 363-382.
- * **S. Mitchell.** “Biostratigraphy of Late Maastrichtian larger foraminifers in Jamaica and the importance of *Chubbina* as a Late Maastrichtian index fossil.” *Journal of Micropalaeontology*, 24, 2005, 123-130.
- * **S. Mitchell** & G. Gunter. “New tube-bearing antillo- caprinid rudist bivalves from the Maastrichtian of Jamaica.” *Palaeontology*, 49, 2006, 35-57.

- * **S. Mitchell.** "Timing and implications of Late Cretaceous tectonic and sedimentary events in Jamaica." *Geologica Acta*, 4, 2006, 171-178.
- * P. Allsworth-Jones, G. Lalor, G. Lechler, **S. Mitchell**, E. Rodriques & M. Vutchkov. "The Taino settlement of the Kingston area." L. Atkinson (ed.), The Earliest Inhabitants. The Dynamics of the Jamaican Taino. Kingston, Jamaica: UWI Press, 2006, pp. 34-46.
- * A. Gouldwell, P. Allsworth-Jones, G. Lechler, **S. Mitchell**, S. Walters, J. Webster & R. Young. "The Pre-Columbian site of Chancery Hall, St Andrew." In L. Atkinson (ed.), The Earliest Inhabitants. The Dynamics of the Jamaican Taino. Kingston, Jamaica: UWI Press, 2006, pp. 47-68.
- * K. Cunningham, R. Renken, R. Wacker, **E. Robinson**, M. Zygnerski & A. Shapiro. "Application of carbonate cyclostratigraphy and borehole geophysics to delineate porosity and preferential flow in the karst limestone of the Biscayne aquifer, southeast Florida." R. Harmon & C. Wicks (eds.), Perspectives on Karst Geomorphology, Hydrology, and Geochemistry – A Tribute to Derek C. Ford and William B. White. Geological Society of America Special Paper 404, 191-208.
- * **E. Robinson.** "Zoning the White Limestone Group of Jamaica using larger foraminiferal genera: a review and proposal." *Cainozoic Geology*, 3 (1-2), 2004, 37-75.
- * **E. Thomas-Hope.** "Maximizing migration: Caribbean return movements and the organization of transnational space." D. Plaza & F. Henry (eds.), Returning to the Source: The Final Stage of the Caribbean Migration Circuit. Mona: UWI Press, 2006.
- * **E. Thomas-Hope.** "Trafficking of persons in the Caribbean." T. Lesser *et al.* (eds.), Intra-Caribbean Migration and the Conflict Nexus. Port of Spain: Association of Caribbean States, International Organization for Migration and UWI, 2006.
- * **E. Thomas-Hope & B. Spence.** "Challenges to promoting agrobiodiversity in Caribbean small farming systems: a Jamaican case study." J. Pugh & J. Momsen (eds.), Environmental

Planning in the Caribbean. Aldershot: Ashgate, 2006.

Non-Refereed Articles

- * **R. Ahmad**. "Structural styles in Trinidad. Chapter 4: Guide to selected geological localities in Trinidad & Tobago." *Transactions of the 2nd Geological Society of Trinidad and Tobago Conference*, Port of Spain, Trinidad, 2006, 244-265.
- * **D. Dodman**. Book review: *Participatory Planning in the Caribbean: Lessons from Practice*, edited by J. Pugh & R. Potter. Progress in Development Studies, 5(2), 2005, 164-166.
- * **D. Dodman**. Book Review: *Kingston: A Cultural and Literary History*, by D. Howard. *Social and Economic Studies*, 54(1), 2005, 189-190.
- * **E. Thomas-Hope**. "Taking more than giving back? Tourism and the sustainability of Caribbean small island developing states." Proceedings of the session of the International Research Foundation for Development, World Forum on Small Island Developing States, Mauritius, 2005, 18pp.
- * **E. Thomas-Hope**. Current Trends and Issues in Caribbean Migration. Port of Spain: UN Economic Commission for Latin America and the Caribbean, 2005.

Technical Reports

- * **R. Ahmad & P. Lyew-Ayee (Jr)**. "Landslides in northeastern St Andrew, Jamaica: rapid assessment." Prepared for the MP for St Andrew North East, August 2005.
- * **W. Bailey et al**. For Whom the Bell Tolls: Vulnerabilities in Changing Climates. Washington, D.C.: AIACC.
- * **W. Bailey et al**. Vulnerabilities in Changing Climates: A Summary of Lessons from AIACC. Washington, D.C.: AIACC.
- * **W. Bailey et al**. A Stitch in Time: Adapting to a Changing Climate. Washington, D.C.: AIACC.
- * **W. Bailey et al**. Vulnerability to Dengue Fever in Jamaica. Washington, D.C.: AIACC.
- * **D. Dodman**. "Socio-economic and environmental surveys for the reduction of non-point source pollutants in the Montego

Bay flood plain – final report.” Prepared for the Community Organization for Management and Sustainable Development and the Local Initiative Facility for the Environment, 2005.

- * **D. Dodman** & R. Haye. “Strengthening of communities to address environmental and child survival issues in Falmouth – final report.” Prepared for the Falmouth Restoration Company and the Local Initiative Facility for the Environment, 2006.
- * K. Cunningham, M. Wacker, **E. Robinson**, C. Gefvert & S. Krupa. “Hydrogeology and groundwater flow at Levee L31N, Miami-Dade County, Florida, July 2003 to May 2004.” US Geological Survey Scientific Investigations Map I-2846, 2004.
- * K. Cunningham, M. Wacker, **E. Robinson**, J. Dixon & G. Wingard. “A cyclostratigraphic and borehole-geophysical approach to development of a three-dimensional conceptual hydrogeologic model of the karstic Biscayne Aquifer, southeastern Florida.” US Geological Survey Scientific Investigations Report 2005-5235, 2006, 69pp.

INCOME GENERATION

The Marine Geology Unit, under the direction of **Professor Emeritus Edward Robinson**, continued its work on the BEACHES (Beach Erosion and Coastal Hazards: Ensuring Safety) Project, which began in 2004. The Environmental Foundation of Jamaica approved a one-year extension (to April 2007) of the project, with funding amounting to J\$3.8 million. Other consultancies undertaken by the Unit included one for CDERA, for US\$8,000, to review the progress of and reports on beach erosion hazard mapping in Grenada and Belize (completed in May 2006), and one (in May-June 2006, for J\$240,000) providing geological support activities for Estech Ltd. involving the possible granting of quarrying leases in the coastal area of southern Manchester.

Professor Elizabeth Thomas-Hope prepared an Environmental Manual for the Jamaica Baptist Union which brought in J\$1,086,876. A further US\$10,450 was earned for producing an environment and sustainable development programme for the United Nations University (Tokyo), to develop and test a pilot regional training programme on agrobiodiversity, livelihoods and rural development in the Caribbean.

The Department offered one Level 1 Geography course and two level 2 Geography courses in the summer of 2006. The gross income earned was just over J\$1.5 million.

PUBLIC SERVICE

R. Ahmad

- Member, National Damage Assessment, Recovery and Rehabilitation Subcommittee, Office of Disaster Preparedness and Emergency Management, Government of Jamaica.
- Fellow, Geological Society of London.

W. Bailey

- Chief examiner, CAPE Geography.
- UWI representative, Board of the Environmental Foundation of Jamaica.

D. Barker

- Editor, *Caribbean Geography*.
- President, Jamaican Geographical Society.
- Reviewer for *Geographical Journal*, *Geographical Review*, and *International Development Planning Review*.

I. Brown

- Member, ICOM International Committee for University Museums and Collections.

D. Dodman

- Member, Public Education Committee of the United Church in Jamaica and the Cayman Islands.
- Board member, Local Initiative Facility for the Environment.
- Member, Expert Committee for the Jamaica Social Policy Evaluation, Environment and Secure and Sustainable Livelihood Goals.

T. Jackson

- Honorary member, Geological Society of Jamaica.
- Fellow, Caribbean Academy of Sciences.

S. Mitchell

- Permanent member, Standing Committee for the Caribbean Geological Conferences.
- Member, Scientific Committee, International Rudist Congress.
- Editor, *Contributions to Geology*, UWI Mona.
- Editor, *Caribbean Journal of Earth Science*, 2005.
- Council member, Geological Society of Jamaica.
- Chairman, Commission on Jamaican Lithostratigraphy.
- External examiner (Geology), Council of Community Colleges of Jamaica.

E. Robinson

- Member, Jamaican National Council on Oceans and Coastal Zone Management.
- Member, Board of Directors, Petroleum Corporation of Jamaica.
- Board member, Nature Preservation Foundation.
- Member, Editorial Board, *Journal of the Institute of Marine Affairs*, Trinidad and Tobago.
- Member, Earth Sciences Prize Committee, Third World Academy of Sciences.

T. Stemann

- Vice-President, Geological Society of Jamaica, 2005.
- Editor, *Caribbean Journal of Earth Science*, 2006.

E. Thomas-Hope

- Chair, Board of the Jamaica Sustainable Development Network.
- Member, Tribunal for the NRCA Act of the Ministry of Land and Environment.
- Director, Jamaica Board of Engineers Foundation.
- Director, Luis Fred Kennedy Environmental Foundation.
- Member, National Watershed Council, Jamaica.

- Member, Advisory Board, Institute of Commonwealth Studies, University of London.
- Member, International Scientific Advisory Group for the People, Land Management and Ecosystem Conservation, United Nations University, Tokyo.
- Member, Caribbean Study Group, Royal Institute for International Affairs, London.
- Latin American and Caribbean regional representative, International Geographical Union Commission on Health and the Environment.
- Representative for the Americas, Commonwealth Geographical Bureau.
- Member, editorial advisory boards of *The Caribbean Journal of Agriculture and Natural Resources* and *Progress in Development Studies*.
- Journal referee for *Social and Economic Studies*; *Progress in Development Studies*; *Population Geography*; *World Health Organization Bulletin*; *Gender, Place and Culture*; *Population, Space and Place*; and *Journal of Eastern Caribbean Studies*.

CATEGORIES OF STUDENTS

Undergraduates: Geography

Year I: 128

Year II: 93

Year III: 54

Undergraduates: Geology

Year I: 65

Year II: 48

Year III: 31

Postgraduates

MPhil Geography: 7 (Number completed: 1)
 MPhil Geology: 5 (Number completed: 2)
 PhD Geography: 2
 PhD Geology: 4 (Number completed: 1)
 MPhil Environmental Management: 1
 PhD Environmental Management: 7

Prizes Awarded

The Barry Floyd Prize for Best Performance in Level I Geography:	Joyelle Clark
The Barry Floyd Prize for Best Performance in Level II Geography:	Seema Kadir
The Geological Society of Jamaica Scholarship:	Jason Fisher

DEPARTMENT OF LIFE SCIENCES

Dale F. Webber BSc (Hons.) PhD *UWI* – Head of Department

WORK OF THE DEPARTMENT



With each year, new challenges and opportunities arise. The academic year 2005/06 was another challenging year not because of budget cuts as in the previous year, but rather due to an unexpected increase in student numbers and the Department's preparation for an external Quality Assurance Review. As the Department came to the end of its three year strategic plan many of the earlier identified goals and objectives were achieved and realised. New Departmental goals and objectives will emerge from the upcoming

review process as a new three-year strategic plan is designed for implementation.

(a) Department's performance during 2005/06

Undergraduate teaching

In response to national and regional needs as well as responding to an indication of interest from students, two new courses in **Coral Reef Biology** and **Medicinal & Economic Botany** were delivered in 2005/06. The regional importance of the Coral Reef Biology course was reinforced when the Cave Hill Campus requested that Life Sciences staff at the Mona Campus deliver of the same course at their campus in the same academic year. Since the satisfaction of regional needs continues to be important to the Department of Life Sciences this request was granted to the satisfaction of both staff and students at Cave Hill. The Medicinal and Economic Botany course was over subscribed and the student assessments suggest strong support and satisfaction with this new but relevant course.

At level 1 the unexpected intake of students resulted in numbers overall increasing by 30% with one course BL10L securing 327 registrations. The increased numbers, while taking its toll on the department's infrastructure, resulted in improved human and material resources which allowed

satisfactory completion of the year and a level of preparedness for the following year. Seventy new microscopes and associated electronic teaching aids were acquired and additional laboratory space was reconfigured. The BL10J course increased from 282 to 287 (2%), BL10L increased from 215 to 327 (52 %), BL10M increased from 185 to 261 (41 %) with the Botany level 2 core increasing by 10 % and the Zoology level 2 core increasing by 5%. Two additional courses became available through the OurVLE platform and thus 20% of courses are available through this medium, with 70% of courses available via departmental network connections.

Graduate training

The core courses sat by all new graduate students were revised to improve the research methodology and statistics in biology for research. The number of MPhil registrations reduced to 58 from 60 while the number of PhD's remained at 18. A new **MSc programme in Aquatic Sciences** was implemented in 2005/06 with 7 fee paying students who have expressed great satisfaction with the programme at the end of the first year. This increased the department's non-UGC MSc programmes to three with the original two MSc programmes in Tropical Ecosystem assessment and Management and Plant Production and Protection being continued. The implications are twofold. First the department now offers taught graduate programmes in three regionally and nationally important areas of Biology and secondly the income generation potential has been increased by 30%.

Research output

The departmental goal of 1.5 referred publications per person in the 2005/06 academic year was not realised, instead the departmental publication rate per person was 0.87 for referred publications and 1.7 when all forms of publication are considered. It was hoped that the reorganized contact teaching hours would have resulted in improved research output but it will take more than one year to realize the improvement sought, especially in Biological Sciences. Importantly, the research output target to have 50% of departmental publications occurring in international journals with impact factor 1.0 was achieved with one publication being in *Science* which has an impact factor of 26.68. Quality of research output is as important as quantity. The final goal of increased relevance of the technical reports and conference presentations was also achieved as the specific recipients (such as JAMALCO, CITES, and IUCN) as well as the wider readership of the Gleaner spans the full range

of relevance from specific technical expertise to general awareness and knowledge empowerment. Moreover, globally important issues such as bioethics, transgenic research and biodiversity issues dominated the non-peer reviewed publications, influencing national and regional thoughts if not policy.

Income Generation

The goal to generate \$1.5 million from the three MSc. Programmes was achieved and surpassed in the 2005/06 academic year with an income of over \$1.8 million. This was essential to the survival of the department as the UGC budget was exhausted with four months remaining in the academic year. The projected \$0.5 M from the 2006 summer school programme was surpassed ten fold and will prove vital in the department's financial survival especially since one income generating MSc. (Tropical Ecosystem Assessment and Management) will not be offered in 2006/07. At present there are fifteen externally funded projects and at least fifty other projects with small grant funds or funded from the Department. The ratio of 1:5 funded to non-funded projects within the department is below the 1:3 ratio which appears to be the norm in many well established biology departments in North America (University of Guelph, University of Toronto, University of South Florida and Duke University), but is well in excess of other Universities in developing countries (University of Botswana). It is also important to note that in 2005/06, these grants together brought in over J\$20 million which is four times greater than the department's operational budget.

(b) Main targets for 2006/07 academic year

Undergraduate programme

To engage the OurVLE as the delivery platform for 50% of courses in the department.

To maintain or improve the high standard of teaching and student centered approach to teaching and learning and continue to secure high student assessment as a department.

To review the majors offered within the Department including the implementation of a major in Marine Biology.

To review and implement recommendations from the Quality Assurance Review especially in curriculum reform, tracking graduates of the

department and methods to establish stronger links with industry and potential employers of our graduates.

Graduate programme

To improve the use and function of the supervisory committees for each student.

To reduce the time taken for completion and improve the quality of the experience of a higher degree.

To continue to answer the questions posed in private and government sectors across Jamaica and the Caribbean by formulating graduate research focused on the identified questions.

To recruit more qualified students into the income generating MSc Programmes.

To review the MSc programmes and streamline the two environmental programmes into one with a core and electives.

Research output

The previous goal of 1.5 referred publications is still widely held to be a reasonable and achievable goal and as such the target for 2006/07 remains at 1.5 referred publications per person. Conference presentations and technical reports should receive less attention from the Department in the upcoming year unless measurable impact on national policy and programmes can be identified. However, the department will continue to encourage graduate students to participate in conferences as we attempt to develop a culture of research.

Income generation

With the reduction in the number of MSc programmes, income generation from the remaining programmes is targeted to reduce to \$1.0 million. However, the growth of the summer school programme has indicated a new income stream to which the Department will look to offset its meager operational budget which still stands at less than 5 % of the total budget. Income generation targeted from the 2007 summer school is JA\$3.3 million while the income target associated with the grants is JA\$20 million.

(c) Overall teaching achievement

Overall teaching was again exceptionally good within the department with all courses being successfully taught, examined, and assessed by students. All lecturers but one scored greater than 3.5 on student assessment with departmental average of 4.27 ± 0.8 (the highest in the Faculty). While this does not reflect an improvement over the 4.31 in 2004/05, it confirms maintenance of a high standard recognized by the Deputy Principal's letter of commendation to the Department. Much was gained by a process for the indication of interest in final year courses by second year students as well as an active student staff liaison committee which met twice per semester. All majors, minors, options and courses have been revised and aims and objectives included for the 2006/07 academic year. Average course satisfaction was rated as good (3.92 ± 0.9) with as many as 66% of students responding. External Examiner reviews and the External Quality Assurance Review suggest satisfaction in course content and delivery but indicate areas for improvement which form portions of the 2006/07 targets.

(d) Research output

In 2005/06 the Department of Life Sciences with 16 current staff was able to produce 13 publications in referred journals and a further 4 in government reports and technical papers with 10 conference presentations. This resulted in a 1.7 per capita publication.

PAPERS PRESENTED

- Christensen, V., Villanueva, M.C. & **K.Aiken**. "Ecosystems at risk: the contribution of ecosystem approaches to fisheries to identify problems and evaluate potential solutions". 2006 Conference, Portsmouth, University of Portsmouth, 11-14 July.
- Creary, M. & **M. Webber**. "Mangrove Biodiversity". Institute of Jamaica Natural History Division: Biodiversity Symposium. May 22, 2006, Kingston
- **Robinson, R.D.** Research ethics and the responsible conduct of research. 2nd Caribbean Research Ethics Conference, May 18-20, 2006. Kingston, Jamaica.
- **Robinson, R.D.** (2006). The Launch of the Bioethics Society of the English-Speaking Caribbean. 2nd Caribbean Research Ethics Conference, May 18-20, 2006. Kingston, Jamaica.

- **Robinson, R.D.** (2006). The Bioethics Society of the English-Speaking Caribbean. UNESCO Seminar “Introduction to Bioethics” June 8-9, 2006. Port of Spain, Trinidad.
- **Tennant, P.** 2005 Principles underlying the production of transgenic plants. Workshop for Science Teachers: Concepts in Biotechnology and Genetic engineering. December 13, 2005.
- **Tennant, P.** 2005 Principles underlying the production of transgenic animals. Workshop for Science Teachers: Concepts in Biotechnology and Genetic engineering. December 13, 2005.
- **Wilson B.S.** 2006. Biodiversity conservation in the Hellshire Hills. Biodiversity Symposium, Institute of Jamaica, Natural History Division.
- **Wilson B.S.** 2005 Taxon report for Jamaican Iguana, Annual meeting of the IUCN Iguana Specialist Group, on South Andros, Bahamas.
- **Wilson, B. S.,** and R. van Veen. Jamaican Iguana (*Cyclura collei*) Recovery Project, 2005 Update.

PUBLICATIONS

Books and Monographs

- * **Garraway, E.** and A. Bailey. 2005. Butterflies of Jamaica. 112 pp. Macmillian, Caribbean

Refereed Journal Articles

- * **Aiken, K. A.,** G.A. Kong, S. G. Smikle, R. Appeldoorn & G.F. Warner. 2006. Managing Jamaica’s queen conch resources. *Ocean & Coastal Management* 49,332-341, Elsevier Press & Univ. of Delaware, USA.
- * Ellis-Tabanor, M. and **E. Hyslop.** 2005 Effect of Sublethal concentrations of Endosulphan on growth and fecundity of two species of snails. *Bull. Environ Contam. Toxicol.* 74, 173-1178.
- * Forbes W.M., **Robinson R.D.** & Reese, P.B. 2005. Eryngial, a plant compound with marked anthelmintic activity *in vitro* using *Strongyloides stercoralis* L3. American Society of Tropical Medicine and Hygiene, Washington, USA, December 11-15, 2005. *The American Journal of Tropical Medicine and Hygiene* **73 (6): 254.**

- * **Goodbody, I.** and Linda Cole, 2006. "The Western Atlantic Perophoridae (Ascidacea) II. The genus *Ecteinascidia*". *Bulletin of Marine Science* 79 (1) 49-70.
- * Jackson, C.P.J. and **Webber, M.K.** 2005. Sponges of the Port Royal mangroves. *Jamaica Journal*. Vol. 29, Nos 1 & 2: 42-49.
- * **McLaren, K.P.** and M. McDonald, 2005. Seasonal patterns of flowering and fruiting in a dry tropical forest in Jamaica. *Biotropica*. 37: 584-590.
- * **McLaren, K.P.**, M. McDonald, J. Healy, and J. Hall. 2005. Predicting species response to disturbance from size class distributions of adults and saplings in a Jamaican tropical dry forest. *Plant Ecology* 181:69-84.
- * Mumby, Peter J., Craig P. Dahlgren, Alastair R. Harborne, Carrie V. Kappel, Fiorenza Micheli, Daniel R. Brumbaugh, Katherine E. Holmes, **Judith M. Mendes**, Kenneth Broad, James N. Sanchirico, Kevin Buch, Steve Box, Richard W. Stoffle, Andrew B. Gill 2006 Fishing, Trophic Cascades, and the Process of Grazing on Coral Reefs. *Science* 311:98-102.
- * Souza, M., **Tennant, P.**, and Gonsalves, D. 2005 Influence of coat protein transgene copy number on resistance in transgenic line 63-1 against *Papaya ringspot virus* isolates. *HortScience* 40: 2083-2087.
- * Waugh C, Shafir S, Wise M, **Robinson R.D.**, Eberhard M & Lindo JF 2005. Transmission of *Angiostrongylus cantonensis* to humans in Jamaica. *Emerging Infectious Diseases* 11(12): 1977-1978.
- * Van Veen, R., and **B. Wilson**. 2005. Jamaican Iguana (*Cyclura collei*) Recovery Project, 2004 Update. *IGUANA* 12:28-29
- * **Wilson, B. S.**, J. A. Horrocks, and A. Hailey. 2006. Conservation of insular herpetofaunas in the West Indies (Editorial). *Applied Herpetology* 3:181-195.

Technical reports and Non-refereed Articles

- * Murray, A.O. & **K.A. Aiken**. 2006. Artisanal fishing in Jamaica today: a study of a larger fishing site. *Proc. Gulf & Caribbean Fisheries Institute* 57:215-233

- * **Aiken, K.A.** 2006. National report – Jamaica. Bruckner, A.W. (editor). Proceedings of the CITES
- * Workshop on the conservation of sea cucumbers in the family Holothuriidae and Stichopodidae: NOAA Technical Memorandum NMFA-OPR 34, Silver Springs, MD:154-157pp
- * **Tennant, P.** 2006, Know your GE ABCs. Eye on Science. *The Gleaner*. Thursday April 20, 2006, pp B8.
- * **Garraway E., P. Vogel** and G. Proctor. 2005. Biosurvey of JAMALCO mining areas, Clarendon and Manchester.

INCOME GENERATION

Income from large grants

New Initiative Fund, Assessment of genetic diversity of Citrus tristeza virus and viroids from Jamaica: Towards efficient diagnosis and management of citrus pathogens (2006)

Funds allocated: US\$23,000 **Dr. Paula Tennant, Lecturer**

Ministry of Agriculture (Caribbean Development Bank) Citrus replanting project: Pathology of Citrus diseases (2006)

Funds allocated: US\$29,000. **Dr. Paula Tennant, Lecturer**

Technology Investment Fund (TIF) Field safety assessment of transgenic papaya expressing the coat protein gene of *Papaya ringspot virus* (2005)

Funds Allocated: JA\$1,500,000. **Dr. Paula Tennant, Lecturer**

Environmental Foundation of Jamaica. The Mangroves and Seagrass Beds of Kingston Harbour: Investigation of Sustainability as Nursery Grounds for Fishable Organisms. (2005)

Funds allocated: JA\$236,000 **Dr. Karl Aiken, Lecturer**

UWI-New Initiative Fund. The Role of Zooxanthellal phylotype on Skeletal Growth and Density Band Pattern in the Stony Coral “*Monasteria annularis*”

Funds allocated US\$5,400 **Dr. Judith Mendes, Lecturer**

UWI-New Initiative Fund. Conservation and Management of Biodiversity in the Forests of Jamaica.

Funds allocated US\$13,789 **Dr. Kurt McLaren, Lecturer**

Environmental Foundation of Jamaica grant to conduct research in a pristine coastal environment, The Morant Wetlands St. Thomas Jamaica .

Funds allocated JA\$5,100,310 **Drs. Mona Webber, Judith Mendes, Karl Aiken & Dale Webber**

UWI-New Initiative Fund. Reproductive diversity and strategies for breeding in Jamaican Pimento (*Pimenta dioica* L.).

Funds allocated US\$20,000 **Mr. Frederick Boyd, Lecturer**

Environmental Foundation of Jamaica – Status and Conservation of Sea Turtles in Jamaica.

Funds allocated JA\$4,631,200 **Dr. Byron Wilson, Lecturer**

Jamaica Bauxite Institute – “Vegetation growth on bauxite red mud ponds for return to agricultural activity”.

Funds allocated: JA\$2,568,800 **Dr Dale Webber, Senior Lecturer**

Total income from large research grants – JA\$20,054,784

Income from small grants

Dr. Byron Wilson

2006 Conservation International, for Jamaican iguana study (\$5000U.S.)

2006 Wildlife Conservation Society, for limestone forest biodiversity study (\$5000U.S.; with K. McLaren)

2005 International Iguana Foundation (\$9000U.S.)

2005 International Iguana Foundation (\$4300U.S.)

2005 Disney Wildlife Conservation Fund; for iguana project (\$20,000U.S.)

2005 International Iguana Society (US\$5000)

Dr. Judith Mendes

UWI Postgraduate fund. The prevalence of coral diseases in Jamaica. Duration: Sept 2005 – August 2006. US\$1,675

Dr. Jane Cohen

\$11,136 from Graduate Studies Research Fund (for Peter McLymont's MPhil project).

INCOME FROM SELF-FINANCED PROGRAMMES

		Income	Expenditure
MSc	PPP	Ja\$752,640.50	Ja\$282,740.97
MSc	TEAM	Ja\$ 386,177.60	Ja\$359,614.39
MSc	Aquat. Sci.	Ja\$706,000.00	Ja\$779,310.00
Summer school		Ja\$5,245,770.50	Ja\$2,386,864.70
Rental		Ja\$279,350.00	
Consultancy		Ja\$28,140.00	

PUBLIC SERVICE

Dr KA Aiken

- Member, Select Parliamentary Committee on Economy & Production.
- Member, C.I.T.E.S. Scientific Authority, NRCA
- Member, Board of Directors, Caribbean Maritime Institute,
- Member, Board of Directors, Caribbean Coastal Area Management Programme (CCAM)
- Member, Fisheries Advisory Committee of Jamaica, Fisheries Division.

Mr. Frederick Boyd

- External Examiner, Joint Board of Teacher Education (JBTE) in the Institute of Education.

Dr. Jane Cohen

- Member, Alien Invasive Species Working Group

- Member, National Organic Agriculture Steering Committee, Research & Seed Production Sub-Committee
- Member, Education & Research Sub-Committee of the Nature Preservation Foundation
- Member, Consultation Group for Pest Risk Analyses of National Plant Protection Organization

Professor Ivan Goodbody

- Member, Editorial Board of Bulletin of Marine Science.
- Member, Editorial Board of Caribbean Marine Studies.

Dr. Eric Garraway

- Member, Advisory Board of the Natural History Division, Institute of Jamaica. 2000-2006.
- Advisor/Point-person, Vincentian Student Association.

Dr. Kurt McLaren

- Member, The Blue and John Crow Mountains National Park Scientific and Technical Advisory Committee

Prof. Ralph Robinson

- Member, Board of Directors, Jamaica Agricultural Development Foundation
- Member, National *Ad hoc* Committee to Develop Guidelines for the Aquaculture Industry in Jamaica
- Member, Ministry of Agriculture Shrimp Aquaculture Policy Sub-Committee
- Chair, Steering Committee, Bioethics Society of the English-Speaking Caribbean
- Executive Secretary, Bioethics Society of the English-Speaking Caribbean

Dr. Paula Tennant

- Staff Representative, National Environment & Planning Agency's Biodiversity Committee

Dr. Kisan Vaidya

- Member, Gene Bank Committee, Jamaica.

- Member, Technical Committee, Jamaica Agricultural Development Foundation (JADF)

Dr Peter Vogel

- Member, Board, Scientific Authority
- Member, Jamaican Iguana Research and Conservation Group
- Member, Alien Invasive Species Working Group
- Member, IUCN West Indian Iguana Specialist Group
- Member, of Executive Committee and Past President, Bird Life Jamaica
- Member, of Scientific Advisory Committee, Blue and John Crow Mountains National Park
- Member, of Advisory Board, Natural History Division, Institute of Jamaica
- Member, Society of Caribbean Ornithology

Dr. Dale Webber

- Secretary, National Environment Societies Trust (NEST)
- Chairman, CL Environmental Company Limited.
- Member, Ministry of Education and Culture Overseas Examination Commission.
- Chairman, National committee of RAMSAR international convention on Wetlands.
- External examiner, CASE Environmental Sciences programme.
- Member, Board of Governors of the Mona Preparatory School.

Dr. Mona Webber

- Member, National Environmental Education Committee.
- Member, Steering Committee for Sea Turtle Recovery Network,
- Member, Association of Marine Laboratories of the Caribbean.
- Member, Caribbean Academy of Sciences, Jamaican Chapter.
- Member, National Ramsar committee (NEPA).

- Member, UNESCO National Advisory Committee for Science and Technology

Dr. Byron Wilson

- Chairman, Jamaican Iguana Research and Conservation Group
- Member, Board of Directors, Windsor Research Centre
- Member, Working Group on Invasive Species, (NEPA)

CATEGORIES OF STUDENTS

Undergraduate numbers:

Preliminary (Year 0)	– 134 (66 registered in community colleges),
Introductory (Level I)	– 327
Advanced (Level II)	– 92
Advanced (Level III)	– 68

Of the 68 final year students, 58 completed graduation requirements with the following distribution in performance.

First class Honours	– 4
Upper second Honours	– 27
Lower second Honours	– 25
Pass	– 2

The majors selected and completed within the Department were:

Botany	– 14
Biology with Education	– 3
Environmental Biology	– 14
Experimental Biology	– 3
Microbiology	– 5
Zoology	– 22

Postgraduate	2005/06 registrations	2005/06 completions
MSc Tropical Ecosystem Assessment and Management	21	4
MSc Plant production and protection	7	–
MSc Aquatic Sciences	7	–
MPhil	58	5
PhD	20	2

Prizes

The following students were formally recognized for quality academic performance.

Preliminary Biology **Tanika Robinson**

Introductory Biology **Taja Francis and Haile Dennis**

Level II Zoology **Kayann Nelson**

L.B. Coke Plant Physiology Prize **Fiona Downs**

Awards

Dr. Byron Wilson

- 2006 Principal's Research Award for the Best Publication, Faculty of Pure and Applied Sciences, UWI, Mona, Research Day 2006.

Professor Ralph Robinson

- 2006 Recipient, Principal's Award for the Most Outstanding Project in the Faculty of Pure and Applied Sciences UWI Mona Research Day 2006.

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

Professor Ronald Young, BSc, MSc *UWI*, PhD *St. Andrews*
– Head of Department

Highlights

Research Output



Within the August 2005 to July 2006 window of this report, the department produced:

Type of Output	Number
Book Chapters	1
Journal Articles	7
Conference Presentations	11
Invited Presentations	3

Student Throughput

This year, 93 students will be graduating with a major offered by the department. The following data provides a breakdown by major (there are 2 students who majored in both Mathematics and Computer Science, which accounts for the total of all the majors earned being 95).

Major	No. of Graduands (1 st class honours)
Computer Science	55 (13)
Mathematics	24 (0)
Actuarial Science	13 (4)
Mathematics with Education	3 (0)

Income Generation

The combined net income for the department from Summer School 2006 was just over J\$3.1 million, with the bulk of that generated from Mathematics courses. The Mathematics Section also offered a highly subscribed Preliminary Mathematics programme, with at least 150 students registering in each of Semesters I and II. Based on an estimated revenue of \$4,000 per credit per student (at 6 credits per course), an estimated 25% of revenue for administrative overheads, and direct teaching expenses of \$1,200,000, the Section estimates that its net income from this programme was \$4,200,000.

Activities of the Mathematics Section (Section Head: Dr. Raymond McEachin)

During the Academic Year 2005/06, the Mathematics Section introduced a new course for majors, *Introduction to Mathematical Analysis* (M21Q). With this significant step, the Section has initiated a complete revision of its undergraduate course offerings.

During the 2006-07 Academic Year, the Mathematics Section expects to plan and seek approval for a new first-year sequence in mathematics. This will replace the current sequence and is expected to be a major step in its continuing efforts to revise its course offerings. The Section also expects to launch a new summer programme for incoming Faculty students, with a view to preparing them successfully for the rigors of university mathematics courses.

The teaching in the Mathematics Section had average rating of 3.9 (s.d. 0.9) for the instructors and 3.7 (s.d. 1.0) for the courses. The average response rate was 46%.

Activities of the Computer Science Section (Section Head: Dr. Daniel Coore)

From July 1, 2005 to June 30, 2006 the Computer Science Section implemented several initiatives aimed at improving the educational experience of our students, as well as the quality of our academic programmes.

Student Centred Activities

At the start of the academic year, we approximately doubled the number of lab technicians employed to help man the computer labs and assist students in the lab. Some of these laboratory technicians were also given a new role: to act as software developers on a special project to develop

software tools that would enhance the operation of the Section. Many positives have come from this initiative, including: improved coverage of the lab, increased part-time employment opportunities for our students, and, importantly, the capacity to develop Web-based tools for facilitating some of the day-to-day activities in the Section. The students who were employed gained useful experience from the job, and since many of them were second year students, they will provide a degree of continuity in lab technician expertise from one academic year to the next (formerly, all of these lab technicians were third year students).

In this past academic year, we also saw the revival of the Computer Science student club (after being defunct for several years). Under the new name of HACKERS (High Achievers Commanding Knowledge, Enabling Resource Sharing) they have a membership of about 25 students and have identified a number of projects to work on, including running short seminars on specific computing-related skills. They are currently working on a project to construct a “supercomputer” from several de-commissioned computers. The club is dedicated to engaging in activities that will enhance their members’ educational experience while at UWI, and that will raise the profile of Computer Science on the campus. To this end, the Section is very pleased to see the successful revival of this group, and is committed to supporting their continued growth and development.

Curricular Updates

Based on recommendations from educators on the most recent IEEE/ACM Joint Task Force on Computing Curricula, the Section reviewed and updated six (6) courses, whose course descriptions had been unchanged for five or more years. These courses, together with those of our recently overhauled undergraduate programme, place heavy emphasis on problem solving and on application of general principles to specific problems, preferably those that are readily appreciated by the students. A number of the reviewed courses have moved away from asking students to give descriptive solutions to problems and now ask them to produce actual implementations of those solutions instead.

An important modification, made two years ago to the new curriculum, was the introduction of a mandatory project course. Students in the old programme were encouraged, but not required, to do this course. About 20 students took the project course in each of the past two Summer sessions (2005, 2006). Although, many students struggled with the task of completing their projects on-time, the (informal) feedback from them after the course was finished was all positive. In general, students

appreciated the sense of accomplishment they had with a completed project, and they cited as the primary benefit from the course, an improved self-confidence in their own programming abilities. Experience gained from the first two offerings has helped to improve delivery and assessment for the upcoming academic year, when the first batch of compulsory students will be enrolled. The project course will be offered in each semester and in the Summer, giving students the flexibility of taking the course whenever they can fit it into their schedule. Money made in Summer School from this course is set aside specifically for student-related matters; for example the prize money for the Dr. Karl Robinson award, given to the top performing final year undergraduate, is taken from this money.

Process Improvement and Efficiency

The Section has developed a computer program to assign students in the Faculty to the various lab (or lecture) streams available within each course in a manner that minimises clashes and reduces the number of students who remain unassigned. The program, developed in academic year 2004/05, was used, for the first time, as the primary tool for allocating students registered in the Faculty. Despite much room for improvement, particularly on its interface and on some of its interactive features, it has produced evenly populated course streams, highlighted capacity problems (i.e. where the number of labs were insufficient to accommodate all of the students registered for the course), and indicated which subjects are incompatible because of timetable clashes. Work continues on the program to address the shortcomings mentioned, yet the program continues to be used to generate lab streams for the Faculty of Pure and Applied Sciences. Other tools have been produced by the Section, but so far for use only by the Section. These include a tool to accept, in electronic format, assignment submissions from students, generating digitally signed receipts in return; and a tool to mark up course description information to produce documents that are suited for different purposes (e.g. one for submitting for approval from Faculty and Academic Boards, another for presentation on the Web, and yet another for reproduction in the Faculty Handbook). Both of these tools, products of the software development project, are still works in progress that we anticipate will eventually be stable enough to be made available to other departments.

The Section has also recognised the need for a formal mechanism for assigning tutors and markers to courses in order to enable the timely return of marked assignments. We have developed a system that assigns tutors

and markers to a course based on registration and on the volume of course work given.

Staff Policy

Over the last academic year, the department had four (4) staff members working part-time on PhD degrees. The Computer Science Section adopted a policy to reduce the major course-load for such persons to two (2) (they have been asked to help with tutorials, as necessary). In January, Dr. Timothy Stitt completed his thesis dissertation, and in July, Dr. Ashley Hamilton-Taylor followed. The other two staff members who are currently pursuing their PhD degrees (Mrs. Gunjan Mansingh and Mrs. Lila Rao) have been making good progress on their research: together they have produced 3 joint (refereed) conference presentations and three (refereed) journal articles. Mrs. Mansingh has produced 1 published article, and another has been accepted for publication; Mrs. Rao-Graham has had one article accepted for publication. We believe that this policy has played an important part in allowing these staff members to progress in their research, and we will endeavour to maintain it to the extent that we are able. A fifth member of the department from the Mathematics Section, Mr. Samuel McDaniel, is pursuing a full-time PhD on leave of absence.

Professional Service

Professor Rodkina serves on the Editorial Board for the *International Journal on Difference Equations and Dynamical Systems*. Dr. Daniel Coore serves as a member of the UCJ IT Board of Studies.

PAPERS PRESENTED

- **Daniel Coore.** 2006. Applications of Amorphous Computing to Information Systems Research. Caribbean Conference on Information Systems. Kingston, Jamaica. June 1-4, 2006.
- **Lila Rao-Graham.** 2006. Incorporating Value/Cost Analysis in the Design of Information and Knowledge Management Systems. Caribbean Conference on Information Systems. Kingston, Jamaica. June 1-4, 2006.
- **Gunjan Mansingh.** 2006. Creating a Knowledge-Management Infrastructure in Health Sector: A Jamaican Case Study.

Caribbean Conference on Information Systems. Kingston, Jamaica. June 1-4, 2006.

PUBLICATIONS

Book Chapters:

- * Muzaki Farida and **Ezra Mugisa**. 2006. Towards Enhancing Learning with Information and Communication Technology in Universities. Information and Communication Technology for Sustainable Development: Measuring Computing Research Excellence and Vitality, eds. Williams and Baryamureeba. Foundation Publishers, Kampala.

Journal Articles:

- * Mansingh A., Harper L., Headley S., King-Mowatt J., **Mansingh G.** 2006. Injuries in West Indies Cricket 2003-2004. *British Journal of Sports Medicine* 40: 119-123.
- * **McCloud N.** and **McEachin R.**, 2006. A connection between Schur multiplication and Fourier interpolation II. *Mathematische Nachrichten*, 12: 1335 - 1358.
- * **Rodkina A.E.** and Basin M.V. 2005. On delay-dependent stability for a class of nonlinear stochastic delay-difference equations. *Dynamic of Continuous, Discrete and Impulsive Systems. Series A: Mathematical Analysis*. 12: 663-673.
- * **Rodkina A.** and Nosov V. 2006. Stability of Stochastic Delay Cubic Equations. *Dynam. Systems Appl.* 15: 193-205.
- * Berkolaiko G. and **Rodkina A.** 2006. Almost Sure Convergence of Solutions to Non-Homogeneous Stochastic Difference Equation. *Difference Equations and Applications* 12(6): 535-553.
- * Appleby J.A.D., Mao X. and **Rodkina A.** 2006. On stochastic stabilization of difference equations. *Dynamics of Continuous and Discrete Systems*. 3: 843-857.
- * Appleby J.A.D., **Rodkina A.** and Schurz H. 2006. Pathwise non-exponential decay rates of solutions of scalar nonlinear stochastic differential equations. *Disc. Con. Dynam. Sys. Ser. B.* 4: 668-696.

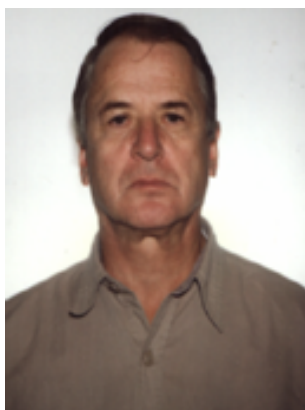
Reviewed Conference Presentations:

- * Pyne, Richard and **Mugisa, Ezra**. 2006. Retrieving Software Components from a Heterogeneous Repository : A Semantic Syntactic Approach. Proceedings of the 13th Annual IEEE International Symposium and Workshop on Engineering of Computer Based Systems: Mastering Complexity of Computer-Based Systems, eds. Mathias Riebisch, Peter Tabeling and Werner Zorn. 27-30 March 2006, Postdam, Germany, IEEE Computer Society.
- * Gayle, Orrett, and **Coore, Daniel**. 2006. Self-organizing Text in an Amorphous Environment. NECSI International Conference on Complex Systems (ICCS 2006). Boston, Massachusetts. June 2006.
- * Mills A., **Mansingh G.** and **Rao-Graham L.** 2005. Understanding Individual Preference for Online Service Channels: The Case of Internet Banking. Proceedings of the 4th Workshop on e-business, Las Vegas, U.S.A. Dec 10, pp 49-55.
- * **Rao L., Mansingh G.** and Grant G. 2006. A Proposed Framework for Assessing the Factors Influencing the Adoption of Free and Open Source Application Software in Organizations. 17th IRMA International Conference. Washington, D.C. U.S.A. May 21-24.
- * Mills A., **Rao L.** and **Mansingh G.** 2006. Understanding the Impact of Innovation Characteristics and Individual Differences on Adoption of Online Channels. 17th IRMA International Conference. Washington, D.C. U.S.A. May 21-24.

DEPARTMENT OF PHYSICS

Joseph Skobla, MSc, PhD *TU Bratislava, U of T Toronto*
– Head of Department

WORK OF THE DEPARTMENT



The Department of Physics, for the Academic year August 1, 2005 to July 31, 2006, had a set of objectives and was able to achieve the majority of these proposed targets in good time.

The main targets included the (1) development of a Certificate course and Associate Degree in Electronics Engineering which is expected to come on stream in 2006/7. (2) The creation and restructuring of four (4) new majors that will be taught in the next academic year 2006/7 –

a) General Physics, b) Alternative Energy, c) Environmental Physics d) Electronics Production of a Summer Programme in Physics and special course in Robotics, “Generating Geniuses”. The aim is to introduce students to the world of robotics, their functions and usefulness in our society. Identifying the inventory stock in the department was achieved and the department is now able to assess both the current and future requirements of the laboratories and the offices.

The department had hoped to have a new proposal for the MSc Digital Technology programme restructured and approved early. This was, however, partially achieved as the Department is still waiting on a response for this programme.

There was a Self-Assessment and Review of the Physics Department in February 2006.

Teaching

The department had ten full-time and seven part-time academic staff members employed during the academic year and the publication output remained the same as last year, 0.6 % per capita.

The number of undergraduate courses increased slightly and, in a few cases the policy for small class size was affected. However, there was one drawback to this as the department experienced a severe shortage of academic staff. Student assessment of lecturers and the undergraduate courses offered remained at a satisfactory level. The average lecturer student evaluation for undergraduate courses was 4.05 (SD 0.42) for lecturers and 3.80 (SD 0.31) for courses. All staff members in the department have used the services of the Instructional Development Unit.

In order to produce students of quality, the department identified and introduced the following areas:

- (1) Study groups
- (2) select undergraduates to assist as scientific assistants in research areas
- (3) encourage undergraduate and postgraduate students to work in the Electronics and Robotics clubs
- (4) improved lab experiments
- (5) the continuation of departmental seminars to improve communication between students and staff

The research activity of the department continued to be in the following areas:

Climate studies and modeling

The effects of climate change on crops and health

Global Positioning Systems (GPS) applications – with special emphasis on the Jamaican transportation sector.

Photovoltaic applications

Communication coding studies

Lightning studies

Renewable Energy Studies

Material Sciences.

Staff

In March 2006, Dr. Leary Myers applied for one year's no pay leave to assume the post of Chief Executive Officer in the National Environment and Planning Agency.

During September 10-17, 2005, Dr. Michael Taylor, participated in the AIACC (Assessment Impacts and Adaptation to Climate Change) workshop in Naivasha, Kenya. The Department hosted a 2-week Climate and Health IAI workshop in November 2005, UWI, Physics Department, Mona. Thirty (30) participants across North America, Latin America and the Caribbean attended. Climate Studies Group Mona (CSGM) Prof. Anthony A. Chen, Dr. Dharmaratne Amarakoon, and Dr. Michael Taylor presented papers at the 19th Annual Conference on Science and Technology, put on by the Scientific Research Council (SRC) in Jamaica, Kingston, Jamaica, November 22-24, 2005. At this conference Dr. Michael Taylor was given the Scientific Research Council's Young Scientist/ Technologist of the year Award. In December 2005, the department also hosted a meeting of the Caribbean Precip Modeling Community with representatives from eight (8) Caribbean countries participating. Professor Chen was appointed a Lead Author for the chapter on Climate Projections with responsibility for Small Island States for the 4th Inter-Governmental Panel on Climate Change (IPCC) Assessment Report. He attended the Third Meeting of IPCC Working Group 1 for Lead Authors for the 4th Assessment of IPCC from December 12-15 in New Zealand. In January 9-12, 2006, Dr. Taylor was accompanied by 3 post-graduate students (Trevor Hall, Jayaka Campbell and Lawrence Brown) to a training workshop on the use of the (MM5) model on regional climate in the Caribbean at Cave Hill Campus, Barbados. This was sponsored by the CCCCC. In April 2006, members of the academic staff attended a meeting in Barbados, with Physics staff members from the other 2 campuses to discuss the Future of Physics at the University of the West Indies. Staff members continue to assist in evaluating the Teacher Education Joint Board B.Ed. Distance Secondary Education programme and in offering the services of the Physics Laboratories to 5th and 6th formers from high schools. Dr. Joseph Skobla was appointed CXC CAPE convener and chairman of the Physics panel.

PAPERS PRESENTED

- **Ponnambalam M. J;** "Arithmetic Skill: An Endangered Species". American Assn. of Physics Teachers Meeting in Salt Lake City, Utah, USA, August 2005.
- **Amarakoon, A. M. D., T. Stephenson, A. A. Chen, M. A. Taylor, R. Stennett, C. Heslop Thomas, W. Bailey, S. Rawlins, D. Chadee,** 2005: Associations of Climate with Dengue in the Caribbean, Wengen Workshop on "Global Change Research 10th

Anniversary Meeting; Wengen (Bernese Alps) Switzerland, September 12-14, 2005.

- **Amarakoon, D., Anthony Chen:** “Potential for Wind Hybrid Energy Systems in Jamaica;” SRC 19th Annual Conference on Science and Technology; November 22-24, 2005, Kingston, Jamaica
- **Taylor, M. A., T. S. Stephenson, S. A. Ashby,** 2005: “Toward the production of Seasonal Forecasts and Climate Change Scenarios for the Caribbean”. SRC 19th Annual Conference on Science and Technology; November 22-24, 2005, Kingston, Jamaica.
- **Taylor, M. A.,** 2006: “An Overview of Caribbean Climate”. Invited Keynote, Caribbean Climate Change Symposium. University of Puerto Rico – Mayaguez, April 23-25, 2006.
- **Taylor, Michael,** “Regional Models: A Potential Tool for Planning and Preparedness in the Caribbean” April 2006, Annual Meeting of CDERA (Caribbean Disaster Emergency Response Agency) in Belmopan, Belize.
- **Crossbourne, R. F., M. A. Taylor, A. M. D. Amarakoon,** 2006: CCID – “Making Caribbean Climate Data accessible to the Region”. American Geophysical Union Spring Meeting, Baltimore, USA. May 23-26, 2006
- **Stephenson, Tannecia,** Use of MM5 for Regional Planning, Caribbean Community Climate Change Centre (CCCCC) MM5 Workshop. Antigua, June 2006.

PUBLICATIONS

- * **Chen, A. A., T. Falloon and M. A. Taylor,** 2005: “Monitoring Agricultural drought in the West Indies”, Monitoring and Predicting Agricultural Droughts: A Global Study. Edited by V. K. Boken et al., Oxford University Press
- * **Taylor. M. A. and E. J. Alfaro,** 2005: “Climate of Central America and the Caribbean”, Encyclopedia of World Climatology. Edited by J. E. Oliver, Springer

Other Peer Reviewed Papers

- * Alexander, L. V., X. Zhang, T. C. Peterson, J. Caesar, B. Gleason, A. Klein Tank, M. Haylock, D. Collins, B. Trewin, F. Rahimzadeh, A. Tagipour, P. Ambenje, K. Rupa Kumar, J. Revadekar, G. Griffiths, L. Vincent, D. Stephenson, J. Burn, E. Aguilar, M. Brunet, **M. A. Taylor**, M. New, P. Zhai, M. Rusticucci, J. L. Vazquez-Aguirre, 2006: "Global observed changes in daily climate extremes of temperature and precipitation". *Journal of Geophysical Research*, Vol. 111(D5) 5109 DOI: 10.1029/2005JD006290
- * Ashby, S. A., **M. A. Taylor** and **A. A. Chen**, 2005: "Statistical models for predicting rainfall in the Caribbean". *Theoretical and Applied Climatology*, 82, 65-80. DOI 10.1007/s00704-004-0118-8
- * Heslop-Thomas, C., W. Bailey, **D. Amarakoon. A. Chen**, S. Rawlins, D. Chadee, **R. Crosbourne, A. Owino**, K. Polson, **C. Rhoden, R. Stennett, M. A. Taylor**, 2006: "Vulnerability to Dengue Fever In Jamaica". *ALACC Working Paper Series* No. 27. Inter-American Institute (IAI) for Global Change Research Training Institute of Climate and Health in the Americas, 2005
- * **Taylor, M. A., Chen, A. A.**, S. Rawlins, C. Heslop-Thomas, **A. Amarakoon**, W. Bailey, D. Chadee, S. Huntley, 2005: "Adaptation strategies for present and increased future risk of dengue fever in the Caribbean". *ALACC Working Paper Series* No. 33, Inter-American Institute (IAI) for Global Change Research Training Institute of Climate and Health in the Americas, 2005.

INCOME GENERATION

For the period 2005/6, the total income generated by the MSc in Digital Technology Programme amounted to \$3,314,887.00. There was expenditure of approximately \$8,000,000.00 made during the academic year using funds generated by the MSc in Digital Technology programme during the 2005/2006 academic year as well as surpluses retained from prior academic years. Approximately \$7,500,000.00 was used to purchase laboratory equipment to support the undergraduate teaching programme and the remainder was used for remunerations and consumables associated with teaching the MSc programme. The income generated through Consultation Funds amounted to \$213,334.23 and Summer School \$883,061.99. Other departmental activities provided an income of \$1,371,944.89.

PUBLIC SERVICE

Amarakoon, Dharmaratne

- External Examiner for the Teachers' Colleges, Years 2 and 3 that fall under Joint Board of Teacher Education

Douse, Victor

- Member, National Cement Investigation Committee: re the Release of sub-Standard Cement by Caribbean Cement Company

McTavish, John

- External Examiner, MICO Teachers' College

Skobla, Joseph

- Advisor, Bureau of Standards, Jamaica
- Advisor, Meteorological Office, Jamaica
- Convener, CAPE in Physics
- Chairman, CXC, CAPE Physics Panel
- Coordinator, BEd Secondary Distance Project for Physics

Taylor, Michael

- External Examiner, CASE, Year 1, Physics

Walwyn, Donald

- Member, Board Spectrum Management

CATEGORIES OF STUDENTS

Undergraduate

The Department offered a total of 20 undergraduate courses in 2005/6 with enrolment ranging from a high of 141 to a low of 11. Average enrolment was 48.5. One (1) student graduated with a major in Physics while 13 majored in Electronics. One (1) student graduated with First Class Honours, five (5) with Upper Second and six (6) with Lower Second.

Postgraduate

The Department offered 8 postgraduate courses for MPhil degrees with 16 postgraduate students registered in 2005/6. The areas of study included

Electronics, Climate, and Statistical Methods. Four (4) MPhil theses were submitted and one (1) PhD awarded. Fourteen (14) MSc degrees in Digital Technology were awarded.

The number of MPhil students that were supervised are as follows: Dr. Joseph Skobla five (5); Dr. Donald Walwyn four (4); Professor Anthony Chen three (3); Dr. Michael Taylor three (3); and Dr. Patrick Stephens one (1).

Prizes Awarded

The following students received Special Awards for excellence in Physics for the academic year 2005/6:

Miss Rhodene Watson – the Michael Tharmanahthan Memorial Bursary for Advanced Level Physics.

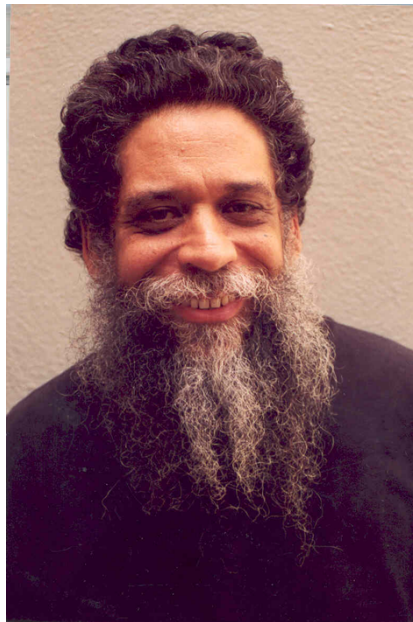
Mr. Leandio Spencer received the Digicel Bursary, Physics Departmental Prize and the Francis Haddon Bowen/University Lodge Bursary for Advanced Physics.

Miss Rochelle Walters received the John Lodenquai Prize for Introductory Physics and **Mr. Meshach Mitchell** the Physics Departmental Prize for Advanced Level Physics/Electronics.

Mr. Andrew Lyle, a graduate of the UWI, with a BSc (First Class Honors) Degree in Electronics and Computer Science was the 2005 Gleaner Youth Honour Awardee for Excellence in Education. He is currently a student at the University of Western Ontario in Canada pursuing his Master of Science Degree in Engineering.

**FACULTY OF
SOCIAL SCIENCES
MONA**

Year ending July 31, 2006



Mr. Mark Figueroa, BA, MSc *UWI*, PhD *Manc* – Dean

Overview

Introduction

The academic year once more saw significant changes in the leadership of the Faculty. At the Centre of Hotel and Tourism Management Mr Berkley Williamson was appointed Programme Director in March 2006. At the end of the year both the Department of Government and the Department of Management Studies saw a change of Head of Department as Professor Stephen Vascianne and Dr Anne Crick demitted office and Professor Anthony Harriott and Dr Noel Cowell took up office in their respective departments.

During the year the Faculty continued to advance the application of Information and Communication Technologies to improve the delivery of teaching and to increase administrative efficiency. These represented some of the efforts being made to respond to students needs. Considerable effort was made to facilitate research output by staff. Income diversification remained a focus and efforts were initiated to pay greater attention to the positioning of the Faculty and the marketing of its outputs.

Use of ICTs for Improved Teaching and Administration

The Faculty has employed additional Information Communication Technology specialists to facilitate the development of projects aimed at improved teaching delivery and administrative efficiency. This has facilitated the promotion of greater use of online support for courses utilizing the OurVLE platform. The Department of Economics, which has gone the furthest along this track, now has all courses up to level two formatted for online supported instruction utilizing the OurVLE platform.

In the area of administration, the Faculty Office completed the internal work necessary to launch an online system for student requests. The

current system now involves thousands of requests that are handled utilizing paper forms, which require that students come, in person, to the Faculty Office. It was expected that this system would have been launched in August 2006 but the delay in the arrival of new server capacity and other problems faced by the Mona Information Technology Services Division (MITS) have meant that the new system will have to be introduced later in the 2006-2007 academic year.

In cooperation with MITS, the Faculty pioneered the implementation of new timetabling software. Cooperation was also ongoing with respect to the development of online HR systems relating to leave management, recruitment and reports.

Responding to Student Needs

Various efforts have been made to provide students with greater opportunities to improve their life skills and make them more work ready. There has been a growing effort to provide internship opportunities for students. This includes the very successful Caribbean Internship Project for which the Department of Sociology, Psychology and Social Work has been able to obtain extensive funding and which provides opportunities throughout the Caribbean. The newly established Centre for Political Leadership and Governance also provided opportunities for students to do internships with the Jamaican Parliament.

Curriculum review remained high on the Faculty's agenda. A review has been initiated at the Centre for Hotel and Tourism Management (CHTM) with respect to the programmes so as to ensure greater articulation with the community colleges throughout the Caribbean. This has become necessary as an increasing number of students are being recruited from these institutions.

Promotion of Research

The Faculty Office in collaboration with the departments put in place a programme to encourage junior colleagues to complete their doctoral dissertations where they had not yet done so. For the year, five members of staff were provided with teaching relief for one semester so as to facilitate the completion of their theses. In addition, other young colleagues were granted similar support either by their departments or by the Campus staff development fund.

The Faculty Research Funding Committee established a calendar of meetings during the year at which applications for support from staff and

graduate students were considered. In the past it has been recognized that colleagues present many papers at conferences but they often do not convert these into publications. During the year a fund was established which is dedicated to facilitate the production of refereed publications from the various conferences held within the Faculty.

A number of conferences and seminars which represent the type from which we can expect to see future publications were organized within the Faculty this year. Notable were the 7th Biennial Caribbean and International Social Work Educators' Conference and the conferences held in honour of two outstanding personalities. Professor Barry Chevannes who had retired from the Department of Sociology, Psychology and Social Work having served as Dean for two terms and Richard Hart, historian and activist, who was awarded an honorary degree by the University at the 2005 graduation. Colleagues also participated in other similar conferences that involved cooperation across faculties. One example was the conference on Caribbean Migrations Forced and Free.

Support was air marked for two publications arising from conferences put on by the Centre for Caribbean Political Thought. Meanwhile the Sir Arthur Lewis Institute for Social and Economic Studies showed the way by producing two volumes of the journal Social and Economic Studies which were dedicated to the conference held in March 2005 highlighting the work of Sir Arthur Lewis. Other journals associated with the Faculty have adopted a similar approach and will be eligible for support.

The provision of new posts in some departments allowed for the employment of persons on permanent contracts. It is hoped that with regular contracts these persons will find it possible to focus more on research. With these and other measures in place the Faculty looks forward to an increase in research output which, as the table below shows, has not increased in recent years.

At the same time, the Faculty continued to be engaged in significant areas of applied research. Reports were prepared for a wide range of national, regional and international agencies. These covered a variety of areas and in many cases a number of items were completed in a particular field or involved the interdisciplinary cooperation of colleagues from different departments. Areas covered included, Caribbean Census Reports, Expenditure on Services for Children in Jamaica, Policy Making Process in Jamaica, Production Integration in Caricom, Family Court System, Delivery of Social Services, Crime and National Security, Natural Disasters, Sugar Industry Reform, Health Services, Local Government

and Governance. The production of the Jamaica Human Development Report was one such example of interdisciplinary cooperation.

Dept.	Books/Monographs			Book Chapters			Journal Articles			Total		
	2003 2004	2004 2005	2005 2006	2003 2004	2004 2005	2005 2006	2003 2004	2004 2005	2005 2006	2003 2004	2004 2005	2005 2006
ECON	2	2	2	2	7	1	5	8	5	9	17	8
GOVT	4	3	2	14	11	17	4	19	7	22	33	26
DOMS	2	0	0	2	3	3	5	9	7	9	12	10
MSB	7	1	2	0	1	1	1	0	0	8	2	3
SALISES	5	4	3	9	0	3	9	4	11	23	8	17
SPSW	1	2	1	2	1	4	8	5	4	11	8	9
CHTM	0	0	0	0	1	2	0	1	0	0	2	2
Total	21	12	10	29	24	31	32	46	34	82	82	75

Resources

Resources to deliver the programmes of the Faculty remain a challenge. The Faculty continues to have an active Summer School which provides a significant source of income. The number and value of grants for research projects have also been increasing. The successful introduction of new self funded programmes and the bringing of fees of others more in line with costs have both contributed to a diversification of funding. Examples of these are the MSc in National Security and Strategic Studies and the MSc in Accounting respectively, both in the Department of Management Studies.

Despite the demands faced by all departments within the Faculty an effort was made to keep within the budgets provided. There were few areas of over expenditure all of which were more than compensated by under expenditure in others. There were no cases identified where departments have failed to live up to expectations in this area. The ability of the Faculty to continue to stay within its budget was facilitated in part by the presence of vacancies in a number of departments. As we fill these vacancies and meet the demands imposed by increased student numbers it will be increasingly difficult to stay within the budgets provided.

Marketing and Outreach

The Centre for Hospitality and Tourism Management (CHTM) stands out in the field of Marketing for the past year. The new Programme Director, Mr Berkley Williamson, was employed with a mandate to bring the CHTM

into closer touch with the Bahamian community. A number of steps were taken to recruit students to the programme resulting in the largest ever projected intake of Bahamian students: over 25 percent of the new students for 2006/2007. The Mona School of Business has also raised its consciousness regarding the need to develop a well articulated marketing plan. Throughout the year it sponsored a range of activities that placed it in the public eye. Significant among these were the activities of the newly established Telecommunications Policy and Management Programme. Other departments also had notable projects and programmes which were actively marketed during the period. For example, the Jamaican Economy Project which is coordinated by Dr John Rapley had a very active profile in the media. Activities were also undertaken to celebrate the thirtieth anniversary of the MSc Accounting programme.

Colleagues were engaged in a range of projects that brought them in touch with various segments of the community served by the UWI. Professor Rupert Lewis acted as chair of the Friends of Liberty Hall, which supports the Liberty Hall – Legacy of Marcus Garvey Project in downtown Kingston. The Centre for Leadership and Governance under the leadership of Professor Munroe engaged in a number of activities including the development of an internship programme for students who had the opportunity to work with the Jamaican Parliament. Colleagues associated with the Centre for Public Safety and Justice including the Director, Professor Chevannes, along with Mr Horace Levy continued their work in the area of peace making in the communities surrounding the Campus and further afield. Many colleagues were involved in a wide range of training activities that involved local, regional and international participants. Notable among these was Dr Lucy Eugene who continued to play a coordinating role for the UWI/WTO training course. The Honours Society continued its community service activities and cooperated with the Faculty Office to raise funds to donate a fax machine to Hope Valley Experimental School.

Conclusion

The Faculty continues to excel in the area of providing access to higher education in conditions of severe resource shortage. In light of this, efforts have been adopted to apply new technologies to overcome some of the resource constraints. The Faculty has an outstanding record of public service that is complemented by the extensive work in policy relevant research. At the same time it is hoped that the efforts to promote research will produce greater results in the near future.

DEPARTMENT OF ECONOMICS

Michael Witter, BSc *III*, MSc, PhD *Wis* – Head of Department

WORK OF THE DEPARTMENT

Overview of Academic Year



*T*he Department of Economics had a fairly successful academic year in 2005/06 as indicated by the achievement of some of its objectives, and progress towards achieving most of the others.

The factors which accounted for the achievements were:

- ❖ The improved access to information from Student Records, Office of Graduate Studies and Research, the Bursary, Human Resources Department, Admissions and Examinations Section;
- ❖ The improved responsiveness, efficiency, and organization of the Office of the Dean of the Faculty of Social Sciences;
- ❖ A division of responsibilities for the management and administration of the Department's affairs that has become more effective over time;
- ❖ An efficient administrative office that is committed to continuous improvement of its efficiency and its customer service; and
- ❖ A discernible increase in the level of cooperation of individual staff members with Departmental strategies and policies. These, in turn, reflect the strategies and policies of the Faculty and the Campus.

The principal constraints were:

- ❖ There are insufficient senior members of staff in leadership roles. The Department has no professor and two of the five senior lecturers were on leave.
- ❖ The motivation of the permanent staff is low on account of the poor emoluments they receive. The Department has repeatedly

made the case that it is disadvantaged in the competition to attract new staff in the international market for economists.

- ❖ There is insufficient classroom space, and uncertain tenure for some of the rooms assigned to economics courses

The highlights of the academic year were:

Staff

The Department succeeded in hiring two new lecturers and one senior secretary. The lecturers are:

- ❖ **Dr. Lloyd Amaghionyeodiwe**, a Nigerian graduate of the University of Ibadan, and formerly a lecturer at Olabisi Onabanjo University in Nigeria;
- ❖ **Dr. Karl Petrick**, an American graduate of Leeds University Business School, and formerly a lecturer at Leeds Metropolitan University in the UK; and
- ❖ the senior secretary is **Ms. Evadne Cowell**, a recent graduate from University of Technology.

Instruction

All second year courses were formatted for online instruction on the OurVLE platform.

Further work to upgrade the first year courses which were already in the OurVLE format was also completed.

The use of multimedia techniques of instruction was expanded both in the number of courses and the sophistication of the applications.

Evening streams for two of the most important second year courses, Intermediate Microeconomics I (EC20A) and Intermediate Macroeconomics (EC21A) were introduced to facilitate part-time students

Examinations

The Department has maintained its record of submitting all examination marksheets on time and the staff has been commended accordingly.

Curriculum Review

Both the undergraduate and the graduate curricula have been undergoing thorough review. This phase of the reviews should be completed during the current academic year. The reviews were recommended by the Quality Assurance Review team of 2005.

Graduate Programme

The graduate programme has continued to distinguish itself and has earned an international reputation for quality as indicated by:

- ❖ the increasing numbers of MSc graduates who are receiving financial support for doctoral work in North American and European Universities;
- ❖ the strengthening of relationships between the Department and Georgia State University's Andrew Young School of Public Policy, State University of New York, Penn State University, University of Colorado and the University of Manchester;
- ❖ a visit by Emeritus Professor John Riew of Penn State University to recruit doctoral students; and
- ❖ an annual invitation to graduate students to present papers at the South Western Economics Association Conference.

Quality Assurance

The implementation of the recommendations of the Quality Assurance Review of 2005 began with the establishment of a Departmental Committee and the preparation of an Action Plan for implementing the recommendations. The Action Plan was submitted to OBUS.

Research

The Chart below indicates an increasing trend in the output of refereed publications by general areas. This is consistent with the goal of increasing research output per permanent staff member. In recent years, the Department has had great difficulty competing successfully in the market for economists. Fortunately, there have been many competent MSc graduates who have opted for temporary appointments while they prepare themselves for doctoral study abroad. The Department has had no success in attracting these persons back after they have completed their doctoral studies.

Reports

Chart 1:



The Department prepared and submitted monthly reports to the Faculty Board, a management report to the Principal on June 30 and, several reports to the Deputy Principal on student assessments.

Institutional Research

The Department has initiated:

- ❖ a review of the academic performance of students between 1990 and 2004 in all its courses; (A preliminary report has been prepared for all first year courses, and most second year courses)
- ❖ a process of tracking and analysing the student assessments of courses and lecturers;
- ❖ a process of tracking and collating the published and non-published research of its permanent staff. A preliminary report for the years 1999-2005 has been drafted.
- ❖ the writing of the Department's history, and
- ❖ a review of the supplies purchased by the office for the use of the academic and administrative staff of the Department with a view to guiding purchases in 2006-7.

PAPERS PRESENTED

Abdulkadri, Abdullahi Dr

- (with Barrett, Y.) “Deterrence and Moral Hazard in Law Enforcement.” 86th annual meeting of the Southwestern Economics Association, San Antonio, TX, April 12-15, 2006, 14 pp.

Alleyne, Dillon Dr

- “The Impact of International Remittances on Poverty and Inequality in Jamaica”. Conference on Caribbean Migration: Forced and Free, June 12-14, 2006, UWI, Mona Campus, Jamaica: 20 pp.
- “The Impact of International Remittances on Poverty and Inequality in Jamaica. What is the evidence?” Conference on Caribbean Philanthropy, May 2-5, 2006, Rose Hall Resort and Country Club, Montego Bay, Jamaica: 16 pp.
- (with C. Kirton, and M. Figueroa.) “Macroeconomic Determinants of Migrant Remittances to Caribbean Countries. Panel Unit Roots and Co-integration”, Andrew Young School of Policy Studies (AYSPS), GSU, Atlanta Georgia, Seminar Series, in December 2005: 34 pp.
- “The Flat Tax on Individual PAYE Income in Jamaica: What more is to be done?” 98th Annual Conference on Taxation, National Tax Association, November 17-19, 2005, Hyatt Regency, Miami, Florida: 16 pp.
- “What Prompts Workers to Remit? A GMM Approach”. 6th Conference, on Governance, Institutions and Economic growth: The Sir Arthur Lewis Institute of Social and Economic Studies (SALISES), March 15-18, 2005. The Jamaica Pegasus Hotel, New Kingston, Jamaica: 20 pp.

Dixon, Kelly-Ann Ms

- (with Kirton, C. & Urquhart, M.) “Economic Crime: A Survey of Selected Jamaican Businesses”. The 4th International Conference on Crime and Justice in the Caribbean, UWI, St. Augustine, Trinidad & Tobago, February 8-11, 2006, 42 pages

Figueroa, Mark Dr

- “Insights from the 1938 (All Jamaica) Economic and Industrial Conference”, to 5th ‘Caribbean Reasonings’ Conference: Centre for Caribbean Thought, UWI, Mona, June 8 -10, 2006, pp. 29.
- “Migration and Remittances: Typologies and Motivations”, Caribbean Migrations: Forced and Free, UWI, Mona, June 15-16, 2006. pp. 25

Folawewo, Abiodun Dr

- “Modelling Wages and Labour Demand in Informal Sector”, Department of Economics Staff Seminar series, UWI, 2005, Mona, 17 pages.
- (with Abdulkadri, Abdullahi O.) “Debt Crisis in Developing Countries”, Black History Day Workshop, Association of Nigerians in Jamaica, February 2006, 28 pages.

Freckleton, Marie Dr

- “Prospects for Diversification of CARICOM Exports” United States Department of State Conference on the Caribbean, October 6-7 2005, Washington D.C.

Ghartey, Edward Dr

- “Monetary Policy on Ghana’s Term Structure of Interest Rates: Effects and Implications.” The Eighth International Conference of The International Society for Inter- communication of New Ideas (ISINI), Wageningen, The Netherlands, August, 24-27, 2005.
- “The Mid 1990s Peso Crisis in Mexico: A Re-examination.” EcoMod2006 International Conference on Policy Modeling, Hong Kong, June 30, 2006.
- “Exchange Pressure, Sterilized Intervention and Monetary Policy in Ghana.” EcoMod2006 International Conference on Policy Modeling, Hong Kong, June 29, 2006.
- “Wagner’s Law and the Causal Nexus between Government Expenditures and Tax Receipts: An Empirical Study of Ghana.” The IEA Round Table Conference, Accra, Ghana, July 26, 2006.

Kirton, Claremont Mr

- “Reflections on the People’s Revolutionary Government’s Economic Policy” Conference in honour of Richard Hart, Department of Government, UWI, Mona, Jamaica, July 2006.
- (with K. Dixon and M. Urquhart), “Economic Crime; A Survey of Selected Jamaican Business”, 4th International Conference on Crime and Justice in the Caribbean, UWI, St. Augustine Campus, Trinidad, February 8-11, 2006.
- “Maximising the Contribution of Remittances to Caribbean Development: Some Policy Issues”, Friedrich Ebert Stiftung (FES) Workshop, Dominican Republic, December 2005.
- “CARICOM Regional Agricultural Policy”, University of the West Indies, Mona Research Day Forum: CSME: Opportunities and Challenges, January 26-27, 2006.
- “The CARICOM Single Market and Economy (CSME), Economic Opportunities for Future Leaders - Challenges to be Overcome”, UWI Aspiring Leaders Seminar, June 13, 2006.

Tennant, David Dr

- “Assessing Credit Unions’ Performance in Facilitating Economic Growth: The Case of Jamaica (1986-2002)”. City of Kingston Cooperative Credit Union Public Forum, October 2005, Kingston Jamaica.

Witter, Michael Dr

- “Trade Liberalization: the experience of Jamaica”. UNCTAD Workshop on Trade Liberalization, Terra Nova, Kingston, October 24, 2005:
- “Fiscal Expenditure on Children in Jamaica, 2003/4-2005/6”. CARICOM-UNICEF Early Childhood Development Forum, Hilton Hotel, Kingston, March 22, 2006
- “Organizational Change – case study of the Department of Economics, UWI, Mona” Annual General Meeting of the Jamaica Cooperative Credit Union League, Ocho Rios, Jamaica, May 2006
- “Trade Liberalization and Import Surges in Jamaica: case studies of Dairy, Poultry and Onions”, Presentation to FAO workshop on Trade Liberalization and Agriculture in St. Vincent, June 13-15, 2006:

- “Agriculture Policy Issues in the Context of the Loss of Preferences’ at the launch of Kari Polanyi Levitt’s book, “Reclaiming Development”, June 28, 2006, UWI, Mona

PUBLICATIONS

Chapter in a Book

Witter, Michael Dr

- * “Kari Polanyi Levitt and Critical Thought in the Caribbean: A Sketch” Marguerite Mendell (ed), Reclaiming Democracy: The Social Justice and Political Economy of Gregory Baum and Kari Polanyi Levitt, McGill Queen’s University Press, Montreal and Kingston, 2005

Refereed Journal Articles

Abdulkadri, Abdullahi Dr

- * (with M.R. Langemeier, and A.M. Featherstone), “Estimating Economies of Scope and Scale under Price Risk and Risk Aversion.” *Applied Economics*, 38, 2 (2006): 191-201.

Alleyne, Dillon Dr

- * Can Unit-Root Testing Improve Forecasting Accuracy of Tourist Arrivals? *Tourism Economics*, 12 (1) 2006: 45-64.

Ghartey, Edward Dr

- * Ghana’s Term Structure of Interest Rates: Effects and Implications of Monetary Policy. IEA Monograph 8, Accra: The Institute of Economic Affairs Publishing, 2005: 1-28.
- * Common Currency and Exchange Rate System for the West African Monetary Zone: Is the Coronation Approach Feasible? IEA Monograph 7, Accra: The Institute of Economic Affairs Publishing, 2005:1-35.

Figueroa, Mark Dr

- * “W. Arthur Lewis’s Social Analysis and the Transformation of Tropical Economies”, *Social and Economic Studies*, 54, 4 (2005): 72-90.

Tennant, David Dr

- * “Lessons Learnt by the Survivors of Jamaica’s Financial Sector Crisis”. *Savings and Development* 30, 1 (2006): 5-22.

Peer Reviewed Publications

Uchida, Toshihiro Dr

- * (with Paul J. Ferraro and Jon M. Conrad). (2005) “Price Premiums for Eco-friendly Commodities: Are Green Markets the Best Way to Protect Endangered Ecosystems”? *Environmental and Resource Economics*, 32(3), 419-438.

Technical Reports

Abdulkadri, Abdullahi Dr

- * (with Forrester, T., S. Lalta, C. Cunningham-Myrie, R. Cooper). “Non-communicable Diseases and Mental Health” in G. Alleyne (ed.): Report of the Caribbean Commission on Health and Development, Pan-American Health Organization (PAHO), 2005, p. 26-39

Alleyne, Dillon Dr

- * (with Andrés Mejía and Acosta.), December 2006. “The Policy Making Process in Jamaica”. Inter American Development Bank. Washington DC: 32 pp.
- * (with James Vanus., and Colin Williams). 2005. “Report on the Heart Trust/NTA, Returns to Investment Analysis Impact Monitoring”, Capacity Building and Consulting Services Limited, Jamaica: 168 pp.
- * (with Ian Boxill). Tourism and Globalization. Chapter 8, Jamaica Human Development Report, 2005. Planning Institute of Jamaica: 209-238.

Kirton, Claremont Mr

- * “Unlocking the Potential of Remittances in Guyana: Remittances Mobilization through Microfinance Institutions”, IDB/MIF, Washington D.C., November 2005, 45 pp.

Witter, Michael Dr

- * “Economic Implications of the transformation of the Jamaican sugar industry into a sugar cane based industry”, Planning Institute of Jamaica, March 2006

- * “Fiscal Expenditure on Services for Children in Jamaica, 2003/4 – 2005/6”, Planning Institute of Jamaica and UNICEF, March 2006

PUBLIC SERVICE

Abdulkadri, Abdullahi Dr

- Editorial Board Member, Journal of Arts, Science and Technology
- Judge, Graduate Students Paper Competition, South- western Economics Association
- External Examiner, Council of Community Colleges of Jamaica

Figueroa, Mark Dr

- Member, Board of Directors: Jamaica Environmental Trust

Ghartey, Edward Dr

- Associate Editor, *Frontiers in Finance and Economics*
- Editorial Board Member, *Opus One Journal of Undergraduate Studies*
- Advisory Board Member, North American Economic and Finance Association
- Member, Bye-Laws Reform Committee, African Finance and Economics Association
- Member, Bye-Laws Reform Committee, International Society for Intercommunication of New Ideas (ISINI).

King, Damien Dr

- Member, Economic Policy Committee, Private Sector Organization of Jamaica.

Kirton, Claremont Mr

- Board Member, Jamaica Deposit Insurance Corporation (JIDC)
- Board Member, George Beckford Foundation
- Member, Jamaica Stock Exchange Essay Competition Committee

Tennant, David Dr

- Member, Board of Commissioners, Financial Services Commission

Witter, Michael Dr

- Chairman, Board of RADA
- Member, Board of Directors, the Agricultural Support Services Fund
- Member, Monitoring Committee for the Memorandum of Understanding (MOU) between the Government of Jamaica and the Unions, representing Public Sector workers
- Member, Steering Committee for Regulatory Impact Assessment
- Member, Civil Society Advisory Committee

CATEGORIES OF STUDENTS

Graduating Statistics – 2005/2006

	Class of Degree Obtained				Total
	1 st	Upper 2 nd	Lower 2 nd	Pass	
BSc Economics (Special)	1	1	3	2	7
BSc Economics (Major)	12	32	72	22	138
BSc Economics (Minor)	–	–	1	1	2
MSc Economics (1 with distinction)	–	–	15	16	
BSc Business Economics and Social Statistics (Special)	–	1	3	–	4
BSc Business Economics and Social Statistics (Major)	–	–	–	1	1
BSc Statistics (Major)	3	9	21	5	38
BSc Statistics (Minor)	2	7	12	6	27
Banking and Finance (Special)	3	14	19	1	37
Banking and Finance (Major)	1	6	1	–	8

Registrations by Programme and Status

	Full time	Part time	Total
BSc Economics (Special)	24	5	29
BSc Economics (Major)	276	87	363
BSc Economics (Minor)	48	15	63
MSc Economics	47	7	54
BSc Business Economics & Social Statistics (Major)	13	7	20
BSc Business Economics & Social Statistics (Special)	5	2	7
BSc Statistics (Major)	38	13	51
BSc Statistics (Minor)	25	6	31
Banking and Finance (Major)	15	19	34

Banking and Finance (Special)	146	66	212
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Prizes Awarded:

Alleyne, Dillon Dr

2005 Principal's Award: Best Published article. **Alleyne, D.** and Ian Boxill. "The Impact of Crime on Tourist Arrivals in Jamaica". *International Journal of Tourism Research*, No. 5: 381-391.

Figueroa, Mark Dr

Research Day Award UWI, Mona 2006 for Best Article: Social Sciences

DEPARTMENT OF GOVERNMENT

**Stephen Vasciannie BSc UWI, MA Oxford, LL.M Camb,
DPhil Oxford – Head of Department**

WORK OF THE DEPARTMENT



Perhaps the most significant event of the year for the Department of Government was the retirement of Professor Edwin Jones. Professor Jones has served this University in various capacities for almost forty years, and he has done so with distinction, humility and class. At the time of his retirement, Professor Jones was primarily responsible for teaching in Public Sector Management at both undergraduate and graduate levels in the Department and most active in nurturing the publication skills of younger academics among us. Professor Jones' contribution to the public life of the

country has also been outstanding, with his membership on numerous public sector boards and his work as a distinguished ministerial advisor being some — but by no means all — of his main areas of contribution. For these and other reasons, the Department was pleased to pay tribute to Professor Jones at a special function in his honour in July 2005. Professor Jones has most deservedly been elevated to the position of Professor Emeritus, a postgraduate scholarship for outstanding students has been named in his honour, and a Conference concerning his work and contribution to the academy will be held in November 2006.

The Department continued with its main work in the areas of teaching, research and public service, with several members making strong individual contributions in one or more of these areas. As is usually the case, most members of the Department obtained marks of more than 4.0 out of 5 for enquiries concerning teaching performance in the University's evaluation of lecturers. Though this is pleasing to us, we should note that the evaluation procedure does have some problems that need to be addressed. Generally, too, it may be time for the University to link the evaluation procedure to the spread of marks received by students in individual courses; for, as studies suggest, there is the possibility that some

high teaching evaluation marks are correlated as much with generosity on the part of lecturers in allocating grades as it is with teaching performance. Of course, this point is relevant well beyond the context of the Department of Government.

Another possible point for improvement in the teaching function of the Department concerns regional co-operation. The Department of Government at Mona, though relatively small, has a core of outstanding lecturers, some of whom are widely known and respected in other parts of the Caribbean. In view of this, the suggestion is that we should make arrangements for lecturers from Mona to offer lectures at other UWI locations on a visiting basis. This need not require significant administrative and cost considerations.

As to research, the Departmental effort has remained steady. On average, the Department produced approximately 1 publication per lecturer for the year. As an average, this reflects the fact that some lecturers, usually more senior persons, produced three or so refereed publications for the year, while others have concentrated on completing research projects that have not yet led to publications. In the course of the year, Dr. Lawrence Powell received the Principal's Award for Research, mainly with reference to his work in the area of distributive justice perception across cultures, while Dr. Eris Schoburgh's book on Local Government Reform in Jamaica, came hot off the UWI Press as the year ended. An annex to this Report sets out some of the main publications and conference presentations undertaken by staff members during the year.

The Department also continued its tradition of substantial public service in Jamaica. Again, the range of public service activities undertaken by members of the Department for the year is set out in an annex to this Report: it covers work for editorial and editorial advisory boards, board membership in both public and private sector companies, leadership in non-governmental foundations, consul-tancies on local and international issues, membership on school boards and library committees, and work on behalf of the Government of Jamaica. Generally, the Department is entitled to indulge in some amount of trumpet-blowing, and as we do so, we must hold a special note for Professor Trevor Munroe who, during the course of the year, was awarded an Honorary Doctorate of Social Science by Florida International University, not least for his strong contribution to public service in Jamaica for many years. Professor Munroe also coordinated the establishment and start-up activity, particularly the initiation of the graduate student/Parliamentary Research Intern

programme, of the Centre for Leadership and Governance, jointly housed in the Department and the Mona School of Business.

By the end of the year, there were a number of staff changes. Ambassador Raymond Valcin left the Department, after a two-year stint, to return to Haiti, where he is now assisting in restructuring the Haitian Foreign Ministry. Hazel Edwards, Nicole Warmington, Shae-Alicia Lewis, and Kim Emmanuel made valuable contributions to our work as Teaching Assistants, and have now moved on to other opportunities. Dr. Lloyd Waller was recruited to work in the area of Research Methods, while Ms. Lorraine Patterson joined us at the start of the year as a Teaching Assistant for the Foundation Course on “Law, Governance, Economy and Society”. In the course of the year, Anthony Harriott was promoted to the post of Professor, and beginning in the Academic Year 2006-2007, succeeded Stephen Vasciannie as Head of the Department. We congratulate Professor Harriott for his well-deserved professorial elevation and offer him support as he steers the Department to greater levels of achievement.

During the year as well, Professor Brian Meeks returned to teaching following his Mona Academic Research Fellowship. Throughout the time of his fellowship, Professor Meeks remained integral to the work of the Department, mainly through his contribution, together with Professor Rupert Lewis, at the Centre for Caribbean Thought. In June 2006, the Centre hosted at Mona, a successful Conference under the banner “Politics, Activism and History: The Life and Times of Richard Hart”, in association with the Department of Africana Studies, Brown University. Professor Meeks also shared some of the early fruits of his Mona Fellowship with the Department when he gave the keynote presentation on the topic of “Envisioning Caribbean Futures” at the Department’s annual Christmas Lunch.

We sometimes pay insufficient attention to the international efforts of members of this relatively small department. So, I close this Report by noting that in the course of the year, members of the Department made academic presentations or took part in other intellectual efforts in the following cities beyond Jamaica’s shores, among others: Accra, Basseterre, Dakar, Maseru, Miami, Ottawa, Port of Spain, San Diego, San Juan, St. John’s, Toronto, and Utrecht.

PAPERS PRESENTED

Jessica Byron

- “Norm Making in the International Community: The Contribution of Small Caribbean States to the Debate on Special and Differential Treatment”, International Studies Association Congress, San Diego, California, USA, March 22 – 25, 2006.
- “Strategic Repositioning: Foreign Policy Shifts in Barbados and Trinidad and Tobago 1990 – 2000”, Latin American Studies Association Congress, San Juan, Puerto Rico. March 15 – 18, 2006.
- “The Contribution of Regional Integration to the Building of Caribbean Civilization”, Ninth Annual Research Conference, East Caribbean Central Bank, Basseterre, St. Kitts, December 1-2, 2005.
- “Global Strategic Repositioning: The Response of Small Caribbean States to the Challenges of Economic Globalization”, Second Annual Globalization Studies Network Conference, hosted by CODESRIA, Dakar, Senegal, August 28 - 31, 2005.

Anthony Harriott

- “The Policeman’s gun is Licensed to Kill”: Policing, Politics and Human Rights in Jamaica. International Conference on Police Human Rights Strategies, Netherlands Institute of Human Rights, University of Utrecht, Netherlands, April 7 - 8, 2006
- “Globalization, Crime and Security” Seminar on the Human Development Report by the Department of Government and PIOJ/ UNDP, April 2006
- The Jamaican crime situation - Understanding its new stage. Think Tank 2005 organised by the Mona School of Business, UWI, Montego Bay, November 11-13, 2005.
- “Road Map to a Safe and Secure Jamaica”, Annual Economic Seminar of the PSOJ, Hilton Kingston Hotel, May 30, 2006.

Clinton Hutton

- “The Creative Ethos of the African Diaspora: Performance Aesthetics and the Fight for Freedom and Identity”, Fifth International Drama in Education Research Institute (I.D.I.E.R.I.), Pegasus Hotel, Kingston, July 2006.
- “The Logic Of Richard Hart's Slaves Who Abolished Slavery: Black Abolitionism And The Agency Of Emancipated

Nationhood”, Centre for Caribbean Thought and Africana Studies, UWI, June 8-10.2006.

- “Ritualizing Ancestral Memory in Becoming: The Aesthetic Grandeur of Revival in Jamaica”, Conference in honour of Professor Barry Chevannes, UWI, Mona, January 2006.

Rupert Lewis

- “Richard Hart’s Evaluation of the Formation of Modern Jamaican Politics”, 5th Annual Caribbean Reasonings Conference, UWI, Mona, June 8-10, 2006.

Brian Meeks

- “Beyond Life and Debt: Closures and Openings in Jamaica’s Political Future”, Caribbean Studies Association Conference, Port of Spain, Trinidad and Tobago, May 29 – June 2, 2006.
- “The Jamaican Moment: New Paths for the Caribbean?” Caribbean Studies Association Conference, Port of Spain, Trinidad and Tobago, May 29 – June 2, 2006.

Trevor Munroe

- “Improving Governance Through Partnerships”, Management Institute for National Development Policy Forum, June 30, 2006.
- “Richard Hart’s Political Legacy”, Centre for Caribbean Thought, UWI, Mona, June 8-10, 2006.
- “Access to Information: Building a Culture of Transparency”, Office of the Prime Minister and The Carter Centre, Knutsford Court Hotel, June 8, 2006.
- “Advancing Labour Market Reform”, Private Sector Organisation of Jamaica Annual Economic Seminar, Hilton, Kingston Hotel, May 30, 2006.
- “Combatting Corruption: A Role for the CSME”, Research Day, University of the West Indies, January 26, 2006.
- “Good Governance: Perception vs. Reality”, Office of the Prime Minister, December 8, 2005.
- “Corruption and Public Policy: Success or Failure?”, Institute of Chartered Accountants of Jamaica (panel) – Knutsford Court Hotel, Kingston, Jamaica, September 28, 2005.

Lawrence Powell

- “Perceptions of Distributive Fairness: Comparisons Across 19 World Cultures”, Southern Association for Canadian Studies, Kingston, Jamaica, January 15, 2006.
- “Mapping Justice Judgments as Complex Psychocultural Constructions”, Symposium of the International Society for Political Psychology, Toronto, Canada, July 5, 2005.

Diana Thorburn

- “Teaching International Relations in the Caribbean: The Role of Inconsistent Biases as Barriers to Effective Learning”, Caribbean Studies Association Conference, Trinidad and Tobago, May – June 2006.
- “The Decline of U.S. Hegemony in the Caribbean Basin, and the Entry of New Powers”, The XXVI International Congress of the Latin American Studies Association, San Juan, Puerto Rico, March 2006.
- “Remapping Caribbean Geopolitics,” Caribbean Studies Association Conference, Port of Spain, Trinidad and Tobago, May 29 – June 2, 2006.
- “Male Identity, Hyper-Masculinity and Violence in Jamaica.” Conference in honour of Professor Barry Chevannes, UWI, Mona, January 2006.

Stephen Vasciannie

- “Caribbean Human Rights: The Question of Treaty Ratification”, Conference on Politics, Activism and History: The Life and Times of Richard Hart, Centre for Caribbean Thought, UWI, Mona, June 8-10, 2006.
- “Human Rights: Are Caribbean States Below Average?”, Workshop jointly sponsored by the Organization of American States and the Commonwealth Secretariat, St. John’s, Antigua, April 2006.
- “Draft Treaty on Access to Living Resources for Land-locked Countries in Africa” and “Draft Treaty on Transit Rights for Land-locked States in Africa”, Workshop organized by the

Commonwealth Secretariat, Maseru, Lesotho, November 28-December 1, 2005.

- “Caribbean Human Rights: Perception and Reality”, Workshop on International Law sponsored by the Organization of American States and the University of Ottawa, Ottawa, Canada, October 22-26, 2005.
- “Commonwealth Land-locked States and the Law of the Sea”, Commonwealth Secretariat and the Meeting of Commonwealth Law Ministers and Senior Legal Officers, Accra, Ghana, October 17-19, 2005.

PUBLICATIONS

Books and Monographs:

Refereed Publications

Books

Anthony Harriott

- * Caribbean Drugs: From Criminalization to Harm Reduction with Axel Klein and Marcus Day (eds). London, Zed Books, 2004. 288 pgs.

Book Chapters

Anthony Harriott

- * “Crime, Disorder and Major Natural Disasters: The Caribbean Experience in Current Issues”, International Crime Prevention and Criminal Justice (ed), Abanese, J, ISPAC 2005, 251-264.
- * “Globalisation and Crime: The Jamaican Experience”, S. Vasciannie, (ed.). Jamaica Human Development Report. Kingston: PIOJ, 2005, 151-175.
- * “Caribbean Drugs: From Criminalization to Harm Reduction” with Axel Klein and Marcus Day (eds). London, Zed Books, 2004. 288 pgs.
- * “The Search for a Drug Policy Framework”, (with Axel Klein, Marcus Day) Caribbean Drugs: From Criminalization to Harm Reduction. With Axel Klein and Marcus Day (eds). London: Zed Books. 2004. (page 3-8.)

- * “Drug Courts in Jamaica.”, (with Marlyn Jones) Caribbean Drugs: From Criminalization to Harm Reduction. With Axel Klein and Marcus Day (eds.). London: Zed Books. 2004. (page 82-100).

Clinton Hutton

- * “The Cuban Influence on Popular Jamaican Music” Regional Footprints: The Travel and Travails of Early Caribbean Migrants. (ed) Annette Insanally, Mark Clifford and Sean Sheriff, Jamaica: Latin American-Caribbean Centre in Association with Sir Arthur Lewis Institute of Social and Economic Research, 2006

Hedy Isaacs (with M. Whicker)

- * “Gendering the Political Executive's Space: The Changing Landscape?” Women in Politics: Outsiders or Insiders? with (ed) Lois Duke Whitaker: United States, Pearson Prentice Hall, 2006.

Rupert Lewis

- * “The Significance of the Garvey Movement among West Indian Builders of the Panama Canal”, Regional Footprints – The Travels and Travails of Early Caribbean Migrants ed. by Annette Insanally, Mark Clifford and Sean Sheriff. Latin American-Caribbean Centre, UWI, in association with the Sir Arthur Lewis Institute of Social and Economic Studies, UWI , 2006. 84-91.
- * “Marcus Garvey and the Early Rastafarians”, Rastafari – A Universal Philosophy in the Third Millennium, ed. by Werner Zips. Kingston: Ian Randle Publishers, 2006. 42-58.
- * Foreword to Richard Hart, The End of Empire-Transition to Independence in Jamaica and other Caribbean Region Colonies. Kingston: Arawak Publications, 2006.vii-xii.

Trevor Munroe

- * “Good Governance: The Issues and Challenges in the Public Sector” Sandra Graham ed. The Transforming Landscape of Jamaica (Kingston, Jamaica: Office of the Prime Minister 2006) pp 98-107.

- * “Globalization and Governance in Jamaica” S. Vasciannie (ed) The Jamaica Human Development Report 2005, published by the Planning Institute of Jamaica and the United Nations Development Programme, October 2005. pp

Stephen Vasciannie

- * Introduction and Executive Summary to The Jamaica Human Development Report 2005, published by the Planning Institute of Jamaica and the United Nations Development Programme, October 2005
- * “Caribbean Perspectives on Human Rights”, Organization of American States, Inter-American Juridical Committee, XXXII Course on Public International Law, August 2006, pp. 351-369

Refereed Journal Articles:

Jessica Byron

- * “Singing from the Same Hymn Sheet: Caribbean Diplomacy and the Cotonou Agreement”, *European Review of Latin American and Caribbean Studies*, No. 79, (October 2005).

Rupert Lewis

- * Review of “From Garvey to Marley: Rastafari Theology, History of African-American Religions Series, Gainesville: University Press of Florida, 2005. *Jamaica Journal*, Vol. 29, 3 (December 2005-April 2006): 75-78.

Brian Meeks

- * “The New Jewel Movement”, in Colin Palmer (ed.) *The Encyclopaedia of African American Culture and History: The Black Experience in the Americas*, (2nd Edition), New York: Macmillan Reference (2005).
- * “Jamaica”, in *Governments of the World: a Global Guide to Citizen’s Rights and Responsibilities*, New York: Macmillan Reference, Vol.3, (2005): 1-7.
- * “The Jamaican Moment: New Paths for the Caribbean?” *NACLA Report on the Americas*, Vol.39 No.6 (May/June 2006):11-15.

Trevor Munroe (co-author)

- * Adult Suffrage and Political Administrations in Jamaica, 1944 - 2002 Ian Randle Publishers, Kingston, Jamaica 2006 (742 pp)

Diana Thorburn

- * Remapping Caribbean Geopolitics. NACLA Report on the Americas Vol. 39, No. 6, May/June 2006.
- * Nationalism, Identity and the Banking Sector: The English-speaking Caribbean in the Era of Financial Globalization in *Ethnicity, Race and Nationalism in the Caribbean*, edited by Anton Allahar, Lexington Press, 2005.
- * Caribbean Diplomacy Towards New International Actors in the Caribbean Basin. *The Integrationist* 3 (1), June 2005.

Stephen Vasciannie

- * “International Law and the Use of Force in Afghanistan and Iraq”, *Journal of Diplomatic Language*, Vol. 2, No. 1 (June 2005): Article 2.
- * “Land-locked and Geographically Disadvantaged States” *Commonwealth Law Bulletin*, Vol. 30, No. 1 (2005)
- * “Deconstructing the First Sentence? The *Lambert Watson Case* from Jamaica on the Mandatory Death Penalty”, *West Indian Law Journal*, Vol. 30, No. 2 (2005)

Non-Refereed:

Technical Reports:

Anthony Harriott

- * The Modernization of the Ministry of National Security (with team of consultants).

PUBLIC SERVICE

Jessica Byron

- Member, International Advisory Board, Globalizations
- Member, International Advisory Board, European Review of Latin American and Caribbean Studies

- Member, International Advisory Board, Bulletin of Latin American Research
- Member, Editorial Board, Caribbean Journal of International Relations
- Member, Steering Committee, Globalization Studies Network
- Member, Research Advisory Committee, CRIES Project on Civil Society and Conflict Prevention and Management in Latin America and the Caribbean

Anthony Harriott

- Member, ISPAC
- Member, Programme Committee of the Academy of Criminal Justice Sciences with special responsibility for “International and Comparative Criminal Justice Systems”
- Member, Jamaica Constabulary Force Staff College Advisory Council
- Member, Leadership Forum - Civic Dialogue

Clinton Hutton

- Member, Gender Advisory Committee at Jamaica House

Hedy Isaacs

- Member, Commonwealth Association for Public Administration and Management
- Member, American Society for Public Administration
- Member, Friends of the Tom Redcam Library
- Consultant, Inter-American Development Bank

Rupert Lewis

- Member, Council of the Institute of Jamaica
- Chair, Advisory Board, African-Caribbean Institute of Jamaica/Jamaica Memory Bank
- Chairman, Friends of Liberty Hall,
- Member, Editorial Committee of *Jamaica Journal*
- Consultant, International Pan-African Archives Committee, Freedom Park, Pretoria, South Africa

Brian Meeks

- Member, Executive Committee, The Michael Manley Foundation
- Member, Board of Intertrade Finance Corporation
- Member, Board of Jamaica College
- Member, Editorial Advisory Board of *Souls: A Critical Journal of Black Politics, Culture and Society*, Columbia University, New York.
- Member, Editorial Board of Lexington Books, Caribbean Series
- Contributing Editor, WADABAGEI Journal, Caribbean Research Center, Medgar Evers College, City University of New York

Trevor Munroe

- Referee, Global Corruption Report (2007) Transparency International
- Director, Jamaica Confederation of Trade Unions
- Executive Life Member, University and Allied Workers Union
- Senator, Parliament of Jamaica
- Member, Selection Committee, Jamaica Rhodes Scholarship
- Director, Sugar Industry Authority of Jamaica
- Director, News Talk 93 FM
- Co-host, Breakfast Club

Lawrence Powell

- Member, Editorial Board of International Bulletin of Political Psychology
- Member, Editorial Board of *Journal of Diplomatic Language*
- Member, Editorial Board of American *Journal of Political Economy*
- Member, Editorial Board of Southern *Journal of Canadian Studies*
- Editorial Consultant, *Journal of Crosscultural Psychology*
- Project Director, for the Crosscultural Variations in Distributive Justice Perception (CVDJP) project.
- Polling Director, Centre for Leadership and Governance
- Member, newly-reconstructed Stone Poll national survey team

Diana Thorburn

- Director, National Commercial Bank Foundation
- Chairman, Board of Directors, Area Youth Foundation
- Member, Jamaica National Committee - United World College

Stephen Vasciannie

- President, Caribbean Conference on Maritime Delimitation
- Member, Inter-American Juridical Committee
- Chairman, Air Policy Committee, Government of Jamaica
- Vice-Chairman, Interim Committee, Jamaica Anti-Doping Commission
- Member, Bank of Nova Scotia Board
- Member, Jamaican team Legal Affairs Committee of CARICOM

DEPARTMENT OF MANAGEMENT STUDIES

Anne P. Crick, BSc *UWI*, MS *Penn*, PhD *Rutgers*
– Head of Department

WORK OF THE DEPARTMENT



For the academic year 2005-6 the department focused on three major goals: enhancing the soft skills of students through direct and indirect exposure to the workplace, increasing research output and rationalizing income generation so that earned income would be increased without unduly interfering with the other responsibilities of the department.

In August the department launched its 'DOMS Business Advantage Programme' – a two-week pilot programme that focused

on sensitizing graduating students to the requirements of businesses and developing their ability to meet those requirements. The programme utilized the skills of faculty members, industry specialists and business people in lectures, workshops and practical exercises. It was launched by Mr. Aubyn Hill who challenged the students to develop the appropriate work attitude and ended with a formal banquet planned and executed by the students. Comments from student participants and mentors have been highly favourable and there are requests for the course to be repeated. In an attempt to influence the way in which students prepared themselves for their future, the department engaged incoming students in a detailed orientation session that exposed them to the needs of employers and the employers' perception of graduates. Various speakers encouraged them to utilize the time at the campus to develop themselves fully. The department also continued to support the growth of the DOMS Toastmaster Club, which has now been formally launched.

During the year, the Department was fortunate enough to be approached by the UBS AG (formerly known as Union Bank of Switzerland) and the UK alumni association who wished to offer overseas internships to our students. The two students identified, after a rigorous selection process, performed very well and both parties have indicated that they will continue the programme with us. We also re-launched our own internship

programme in the summer and seventeen (17) of our students were hosted by local firms. The undergraduate Tourism and MSc Accounting programmes also continue to offer internship experiences.

The Quality Assurance review which was conducted by the OBUS in September, highlighted the department's need to increase its research output. We therefore strengthened our attempts in that regard by continuing to host regular departmental seminars. The Department was extremely proud that Dr. Lou Anne Barclay was unanimously selected by a panel of her peers to be the most outstanding researcher in the faculty. Dr. Barclay, Dr. Hilton McDavid and Dr. Noel Cowell were promoted to senior lecturers during the year, indicating that the department's focus on research is paying dividends. These lecturers continue to play a valuable role as mentors in the research process. Another faculty member, Mrs. Hilary Robertson-Hickling successfully defended her PhD thesis at the University of Birmingham in March. Some faculty members also attended a departmentally organized research workshop in the summer. The programme was designed to enhance the capacity of faculty members to perform qualitative research and was geared primarily to those faculty members who had not received formal research training in doctoral programmes.

Faculty members attended and presented at 11 local, regional and international conferences and published 7 referred articles and 3 book chapters. The Department continues to work at developing a culture of research.

A new Master's programme in National Security and Strategic Studies was launched on September 15, 2005. This programme fills a vital need in the region for training for senior security officials. On September 22, the MSc Accounting programme celebrated its 30th anniversary. The occasion also marked the launch of the part time MSc Accounting programme, thus completing the transition to self-financing status for all our graduate programmes.

The Department continued to do well with its teaching as most lecturers scored above 4 on a 5 point scale measuring student satisfaction with teaching, (see Table 1).

Table 1: Overall Teaching Scores (max. 5)

Period	Faculty Members		Course Means
	Full Time	Part Time	

Summer	4.5	4.3	4.2
Sem. 2	4.1	3.9	3.8
Sem. 1	4.2	3.8	3.8

There were 28 full-time and 56 part-time lecturers during this time period. Dr Lawrence Nicholson continued his secondment with the Mona School of Business, while Mr Stanford Moore continued to serve as Deputy Dean. Professor Alvin Wint continued to lead the Strategic Transformation team.

During the period under review, a total of 1,083 undergraduate and 249 graduate students were registered in the department.

For the forthcoming year the Department will continue to focus on student transformation, building research competencies and income generation.

PAPERS PRESENTED

- Brown-Blake, Celia “The Jamaican Creole Speaker in the UK Justice System”, Conference in honour of Professor Barry Chevannes, UWI, Mona, January 2006
- Chen, Gavin “Caribbean Entrepreneurship: Myth or Reality?”, International Management Conference DOMS, Cave Hill, March 2006
- Cowell, Noel M. “Sexuality and Work: The Attitude of Jamaican “Knowledge Workers” towards Alternative Sexuality”, Conference in honour of Professor Barry Chevannes, UWI, Mona, January 2006.
- Daley, Jenifer “Examining The Conflicts Associated With The Adoption Of International Accounting Standards In Jamaica”, Emerging Scholars Colloquium/Inter-disciplinary Perspectives on Accounting Conference, Cardiff, Wales, July 7, 2006.
- Daley, Jenifer and Shirley-Ann Eaton, “Financial Regulation and the CSME”, CCMS/Central Bank of the Bahamas Annual Conference, November 2005.

- Ramjee Singh D., “The Determinants of FDI Inflows into Small Developing Countries: An Exploratory Study”, Barbadian Central Bank Seminar, 2006.
- Robertson-Hickling, Hilary and Hickling, Frederick, “Risk and Resilience in the African-Caribbean Population in the UK”, Migration Forced and Free Conference, UWI, Mona, June 13, 2006.
- Robertson-Hickling, Hilary, “Barrington Chevannes: A Rhetoretician of Recovery for Africaribbeans in Britain” , Conference in honour of Professor Barry Chevannes, UWI, Mona, January 20, 2006.
- Thomas-Stone Joan P. and Arlene Chambers Baker, “The Implication of Audit Firms in Corporate Failures: Lessons for Jamaica”, 31st Annual Conference, Caribbean Studies Association, Port of Spain, Trinidad & Tobago, May 2006.
- Wint, A. G., Anna Perkins and Beverly Shirley. “The Role of Political Leadership in Economic Development: With Special Reference to Jamaica,” Seminar on Jamaican Economy since Independence Project (JEP), UWI, Mona, Jamaica, January 2006.
- Wint, A. G. “Financing Tertiary Education in the Anglophone Caribbean: The Role of Student Loan Systems,” CDB/UWI Symposium on Financing Tertiary Education in the Anglophone Caribbean, Cave Hill, Barbados, November 2005.

PUBLICATIONS

Refereed Journal Articles

- * Bakre O. M. “First Attempt at Localizing Imperial Accountancy: The Case of the Institute of Chartered Accountants of Jamaica (ICAJ) (1950s - 1970s)” *Critical Perspectives on Accounting*, v. 16, 2005.
- * Bakre O.M. “Second Attempt at Localizing Imperial Accountancy: The Case of the Institute of Chartered Accountants of Jamaica (ICAJ) (1950s - 1970s)” *Critical Perspectives on Accounting*, v. 17, 2006.
- * Ramjee Singh D., “Import Content of Tourism: Explaining the Differences Among Small Island States”, *Tourism Annals*, vol. 11 no. 2, 2006.

- * Ramjee Singh D., “The Tourism Challenge to A Small Island State: An Analysis of the Barbadian Experience”; *Caribbean Annals* vol. 1, 2006.
- * Birch, A.; Ramjee Singh D. and Hilton McDavid, “Economic Development: An Analysis of the Rule of Law, Corruption and Crime”, *conference proceedings*, 4th Annual Conference on Crime and Justice in the Caribbean, Trinidad and Tobago. 2006.
- * Wint, A. G., “FDI and Poverty Alleviation in Small Developing Countries” in Subhash Jain and Sushil Vachani (editors) *Multinational Corporations and Global Poverty Reduction* (Northampton, MA: Edward Elgar Publishers, 2006.)
- * Wint, A. G., “Globalization and the Jamaican Financial Sector,” in Jamaica Human Development Report: Global Challenges – A World of Opportunities (Kingston, Jamaica: Planning Institute of Jamaica, 2005).

Chapters in Books

- * Cowell, Noel M. 2006. “Industrial Relations Theory and Practice With Reference To Jamaica” the Future of Industrial Relations in the Caribbean, ILO Caribbean Office.
- * Hickling, Fred, Robertson-Hickling Hilary and Hutchinson, Gerard. Migration and Mental Health. 2005. Migration and Mental Health Images of Psychiatry The Caribbean. 153-177. ed. F. Hickling and E. Sorel, Kingston.
- * Ramjee Singh, D. and C. Jayawardena, “The Performance of Tourism (POT) Analysis of Four Caribbean Countries” in Caribbean Tourism, ed. By C. Jayawardena: Ian Randle Publishers, 2005: 101-108

Non-Refereed Journal Articles

- * Wint, A. G., “The Role of Tertiary Institutions in Preparing the Caribbean for the CSME” in Patrick Williams (ed.) *The University Speaks: Confronting Issues Faced by a Christian Tertiary Institution in a Secular Environment* (Mandeville, Jamaica: Northern Caribbean University, 2006).

Technical Reports

- * Ramjee Singh D. 2005. Chapter 3 of the technical report on the “Economic Development of Kingston and St. Andrew”, prepared by the Mona Consulting Group. Submitted to NEEPA.
- * I. Boxill, S. Ffrench, J. Talbot, D. Ramjee Singh et al. 2006. “Social Impact Assessment of the Likely Effects of Sugar Reform Options on the Industry Workers in Jamaica”. Submitted to PIOJ

PUBLIC SERVICE

Archibald Campbell

- Member, JMMB Board of Directors

Arlene Chambers-Baker

- Member, Jamaica Association for Distance & Open Learning

Anne Crick

- Member, JMMB Board of Directors

Jenifer Daley

- Member, Finance Committee, Andrews Memorial Hospital
- Director, Jamaica Flour Mills Foundation

Shirley-Ann Eaton

- Member, Academic Committee, Board of St. Andrew High School for Girls

Stan Moore

- Chairman, Mechanical Engineering Advisory and Industrial Engineering Committees, University of Technology
- Board Member, Book Merchant Ltd
- Board Member, Reading Solutions Ltd

Diaram Ramjee Singh

- Director, EHC Industries

- Director/Secretary, Brakesman Automotive Ltd.

Noel Reynolds

- Member, Jamaica Stock Exchange Best Practices Award Committee
- Member, Jamaica Stock Exchange Market Research Competition Committee

Hilary Robertson-Hickling

- Weekly Columnist, The Daily Gleaner
- Member and former President, The Queen's School Past Student's Association
- Member, Mary Seacole Foundation
- Member, Caribbean Studies Association
- Member, Human Resources Management Association of Jamaica

Joan Thomas-Stone

- Member, Jamaica Association for Distance & Open Learning

Alvin G. Wint

- Chairman, Board of Directors, Statistical Institute of Jamaica.
- Director, Jamaica Promotions Corporation.
- Director (Chair of Audit Committee and Member of Executive, Corporate Governance, Search & Compensation, Risk Management and Share Trading Policy Committees) National Commercial Bank.
- Director (& Member of Audit Committee), Jamaica Producers Group.
- Member, National Planning Council.
- Member, Advisory Board, Academy of International Business Insights Publication.
- Member, Partnership for Progress Committee.
- Member, ACORN Group of Union/Business Leaders.

DEPARTMENT OF SOCIOLOGY, PSYCHOLOGY AND SOCIAL WORK

Ian Boxill, BSc, MPhil *UWI*, PhD *Colorado* – Head of Department

WORK OF THE DEPARTMENT



The Department experienced another busy and exciting year with its usual high student intake at all levels and an active teaching and research regime. While continuing to face notable challenges the Department was able to maintain its various programmes quite well and introduce several initiatives during the year 2005-2006. One new member of staff, Judith Stanigar, joined the Social Work Unit for Dr. Claudette Crawford-Brown who is on fellowship leave.

The outreach and research arm through the Centre for Population Community and Social Change (CPCSC) has been active locally and regionally in training and research. The Caribbean Internship Project (CIP) has now been officially embraced by the University and has received significant financial support to assist with the internships of more students. The CIP now operates in CARICOM countries.

Professors Patricia Anderson and Chukwudum Uche and Messrs. Andrew Grant and Julian Devonish were part of a team involved in writing the country census reports for 18 CARICOM countries.

In research, the Department introduced projects or partnered with others. Among them was the Latin American Population Project sponsored Democratic values in Jamaica, coordinated by Vanderbilt University. The Department, through the Social Work Unit and led by Dr. Peta-Anne Barker also co-sponsored the 7th Biennial Caribbean and International Social Work Educators' Conference (ACSWE). Members of the Social Work Unit as well as those in Psychology have been involved a variety of training programmes ranging from counselling to intervention.

The Department continues to have a very good overall average teaching rating (above 4.0). On the other hand the per capita publication ratio is low, at approximately .25.

Members of the Social Work Unit won the Principal's Award for the project bringing in the most funds in the Faculty of Social Sciences for their work on the Citizens' Security and Justice Programme Consultancy on the Training of Family Court Staff. This consultancy was undertaken by the Social Work Unit. Members of the team included Dr. Peta-Anne Baker, Lita Allen, Karlene Boyce-Reid and Kimberly Hinds.

The Department extended hearty congratulations to Dr. Peta-Anne Baker who was awarded her doctoral degree in Social Welfare by Case Western Reserve University. The title of her thesis was: "The living arrangements of older West Indian migrant women in the United States."

GRADUATE PROGRAMMES

The Department graduated one doctoral student in sociology during the year and enrolled three other students in the same programme. These students have been progressing well. It should be noted that four other members of staff are involved in the supervision of PhD students in other departments.

HUMAN RESOURCE DEVELOPMENT

New academic programmes

The main achievement of the Human Resource Development Graduate Programmes Unit was the launch of two new academic programmes this year. These were the PhD in Organisational Behaviour in January 2006 and the postgraduate Diploma in Human Resource Development in June. The response to the PhD programme was overwhelming with some 71 persons responding to the invitation to apply in November 2005 and inquiries continuing in 2006. Twelve persons were selected for participation in Cohort I of the PhD.

Invitations to join the first cohort were limited to the persons who did not qualify for the PhD but who had expressed an interest in qualifying themselves for consideration for Cohort II of the doctoral programme in 2008. Three persons accepted that invitation.

Courses and workshops

The Experiential Learning workshop held on August 15 and 16, 2005 was extremely successful. The workshop was developed by the HRD Unit in association with the Inter-American Institute for Social Development (INDES), an arm of the Inter-American Development Bank, and it catered to 20 persons.

STUDENT MATTERS

Graduate Student Statistics by Status of Registration

MSc Sociology		22
MSc Social Work		13
MSc Clinical Psychology	11	
MSc Applied Psychology		29

New Students

MSc HRD (Cohort IX)	38	
Higher Degrees Diploma in HRD		3

Continuing Students

MSc HRD (Cohort VIII)		39
MSc HRD (Cohort VII)	3	

MPhil Sociology		1
PhD Sociology		3
PhD Organisational Behaviour (Active)	9	
PhD Organisational Behaviour (Leave of Absence)		1

Anticipated Number of Graduates

MSc HRD (Cohort VII)	54
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***All students are registered on a part-time basis.**

PAPERS PRESENTED

Allen, Lita

- Co-presenter of the following papers based on research by MSW graduates: 7th Biennial Caribbean and International Social Work Educators' Conference (ACSWE), Kingston, Jamaica: (2005, August).
- (with Castriota, Angela and Crawford-Brown, Claudette). Children's perceptions of separation and loss: The case of a residential institution
- (with Pickersgill, Marva). 'Understanding aggression in 7 - 8 year old children from a transactional analysis perspective: A gender comparison'.
- (with Thorpe, Cynthia). 'An Investigation to identify and examine coping mechanisms of a group of adolescents who remain in residential placement'.

Baker, Peta-Anne

- "Consent in biomedical and social research." 2nd Annual Research Ethics Conference, UWI (Mona). (2006, May).
- "Aging in the Caribbean Diaspora: A Neglected Reality." UWI Migration Study Group Conference, June 2006.
- "Social work's distinctive contribution to safeguarding the rights of the child". Jamaica Association of Social Workers Annual Training Conference.
- "Speaking truth to power in a small state context" , National Social Work Conference, Castries, Lucia. July 2006.

Boxill, Ian

- "Tourism and Globalization in Jamaica". seminar sponsored by the Planning Institute of Jamaica, Ocho Rios. (2006).

Lewis, Balford

- 'Socio-political dimensions of household decision-making on tertiary education acquisition in Jamaica: Implications for tertiary education expansion strategies'. 31st Annual Conference, Caribbean Studies Association, Port of Spain, Trinidad and Tobago, (2006, May).

PUBLICATIONS

Books & Monographs

- * **Headley, Bernard** (with graduate students Michael Gordon and Andrew McIntosh). Deported, Entry & Exit Findings of Jamaicans Returned from the U.S. Between 1997 and 2003, (Volume 1). Kingston: Stephenson's, October 2005.

Refereed Journal Articles

- * **Allen, L., Baker, P.A., Havens, C., & Healy, L.** (Eds.). (2005). Social Work with Caribbean people: Perspectives from home and abroad. *Caribbean Journal of Social Work*, Special Volume (4).
- * **Baker, Peta-Anne.** Guest editor (with Lita Allen, Catherine Havens and Lynne Healy). Special issue of *Caribbean Journal of Social Work*, 45, August 2005. "Social Work with Caribbean People" Perspectives from Home and Abroad.
- * **Brodie-Walker, Stacey.** (2006). Treating a bipolar adolescent in Jamaica. *Caribbean Journal of Psychology* (June).
- * **McFarlane, Tracy A.** (2004/05). Positive marginality: A conceptual framework for studying the experiences of Caribbean immigrant women in US higher education. *Caribbean Journal of Psychology*, 1 (1).
- * **Small, John.** (2005). The dynamics of return migration. *Caribbean Journal of Social Work* (4). August 2005; pp. 122-136.

Other Peer Reviewed Publications

- * **Headley, Bernard.** The U. S. to Jamaica deportee problem: Dispelling a key myth. In T. Lesser, B. Fernández, L. Cowie, N. Bruni & E. Thomas-Hope (Eds.), Intra-Caribbean migration and the conflict nexus. Ottawa: Human Rights Internet.
- * **Boxill, Ian & Alleyne, Dillon.** (2005). "Tourism and Globalization in Jamaica". In Jamaica Human Development Report 2005. Kingston: Planning Institute of Jamaica.

Technical Reports

- * **Allen, L. & Baker, P.** (Eds.) (2005). "Strengthening the Family Court System". The professional development training manual. Ministry of Justice Citizens' Security Justice programme.
- * **Baker, Peta-Anne.** "Proposal for the rationalisation of the social services and restructuring of the Ministry of Community Development, Gender Affairs and Information of the Government of -the Commonwealth of Dominica". Prepared for the Caribbean Centre for Development Administration (CARICAD), Barbados, March 2006.
- * **Boxill, Ian & Francis, Alfred.** (2005) "Human Development Index for Jamaica", Jamaica Human Development Report, 2005, PIOJ.
- * **Boxill, Ian, Ffrench, S., Talbot, J. and Ramjeesingh, D.** (2006). "Social Impact Assessment of the Likely Effects of Sugar Reform Options on Industry Workers in Jamaica." Report prepared for PIOJ.

Book Chapters

- * **Boxill, Ian.** 2005. "Sovereignty and the Search for Recognition", in Kenneth Hall and Denis Benn (eds) Caribbean Imperatives: Regional Governance and Integrated Development, Kingston: Ian Randle Publishers. (22-30)
- * **Boxill, Ian & Maerk, Johannes** (2005). "Mundo Maya and Cultural Resurgence among Mayas in Mexico." In C. Jayawardena (ed.), Caribbean Tourism: Vision, Mission and Challenges. Kingston: Ian Randle Publishers.
- * **Small, John.** (2006). "Sequence of emigration and return: The Jamaican experience." Dwaine E. Plaza & Francis Henry, Returning to source; pp. 214-240. Kingston: UWI Press.

INCOME GENERATION

The Department was involved in a variety of income generating activities which are critical to meeting more than 70% of the day-to-day expenses of the Department. The most import source of income was the summer

school. Other sources included research and training projects that are administered under the CPCSC.

PUBLIC SERVICE

Allen, Lita

- Board member, Whole Person Resource Centre
- Member, Mental Health Response and Training Team, The Jamaica Red Cross Society
- Member, work team for Jamaica Social Policy Evaluation Project (JASPEV)

Baker, Peta-Anne

- Resource person, First Missionary Church Basic School Expansion Project
- Regional Vice President, International Association of Schools of Social Work (IASSW)
- President, North American and Caribbean Association of Schools of Social Work.

THE CENTRE FOR HOTEL AND TOURISM MANAGEMENT

Mr Berkley Williamson BSc. FIU, Dip. Highbury, Cert. Nassau Tech.
– Programme Director

WORK OF THE DEPARTMENT



The Centre for Hotel and Tourism Management (CHTM) continues to pursue a number of initiatives relative to repositioning itself to remain a viable institution. The post of Programme Director was filled with the appointment of Mr Berkley Williamson in March 2006. He was given a mandate to enhance relations between the CHTM and the Bahamian community, reposition the Centre, increase Bahamian students enrolment, diversify its course offerings and specifically facilitate the Centre's transition to one with closer ties and linkages to the Caribbean Tourism Industry in general and the Bahamian Tourism Industry in particular.

Focus continues to be placed on enhancing student work experience via the Internship Programme. This drive has yielded positive results with the successful partnering with the Rex Resorts International which had helped our ability to place students in internship positions throughout the Caribbean. The Centre for Hotel and Tourism Management was also offered the opportunity to participate in the Hilton's Elevator Management Training Programme. Two of the students went to the final stage.

The Centre has taken part in other civic and community oriented programmes with the aim of increasing local awareness and its profile in the Bahamian society. These ventures included, but were not limited to public sector partnership activities, community programmes and sponsorship; all of which served to heighten awareness of its programmes with the potential of encouraging enrolment. The Centre's participation in the first Bahamas Tourism Week garnered positive response when Student

Services Manager, Mrs Valderine Major, who was one of the panellists shared the plans of the Centre.

In the absence of Mr Salvaris, three part-time lecturers were brought on to strengthen the Food and Beverage operations at the CHTM. Additionally, the Food and Beverage operation has successfully hosted a more focused segmentation of patrons catering to smaller, private dining experiences as opposed to the larger general seating arrangements. A new revenue stream has also been realized with an increase in group functions such as Weddings, training seminars and Church meetings.

Mr Salvaris spent the year on sabbatical leave as a Consultant Trainer with the Tobago House of Assembly (THA). His task was to assist with the design and construction of a new, modern culinary kitchen; train the existing culinary staff; and conduct a hospitality and tourism assessment exercise. Based on these findings, he developed a fast-track industry training program. While there, he secured a grant of £150,000 from the European Commission to upgrade the Culinary Services in the Tobago Hotel Sector.

There are several challenges which face the administration of Centre for Hotel and Tourism Management and course offering. The fact that students are entering the programme from multiple streams is one such challenge. The programme was initially designed to accept persons who had completed Level one at one of the main campuses. Increasingly students are coming to the Centre having completed an associated degree. In response to the changing circumstances a review has started on the Centre's programmes to ensure that they articulate well with the different courses of study that students have completed prior to coming to the Centre.

The need to address this issue has been made all the more critical based on the success that the Centre has had in raising its profile in the Bahamas. Based on the marketing and outreach activities of the Centre there has been a dramatic increase in the number of Bahamian students studying at the Centre. It is anticipated that approximately twenty-five percent of the students accepted for 2006-2007 will be Bahamian.

The total registration for the year ending July 2006 was one hundred, a marginal increase from last years' registration. The Bachelors Degree in Hotel Management almost doubled that of the programme in Tourism Management. Thirty-eight students met the requirements for the award of either degree. Eighteen students presented for the award of Bachelor of

Science in Tourism Management two of whom achieved first class, four second class upper division and six second class lower division honours. Of the thirty-eight candidates for the Bachelor of Science in Hotel Management, twenty-four met the requirements for the award of the degree: Two with first class honours, ten with second class upper division and eleven with second class lower division honours.

A synopsis of the graduation statistics is as follows:

	First Class	Upper Second	Lower Second	Pass	Total
Hotel	2	10	11	1	24
Tourism	2	4	6	2	14

The transition of leadership was relatively smooth albeit countered with the challenges inherent in competing for clientele from other regional institutions with the availability and access to better resources, mitigating the constraints of restructuring especially as it relates to a new programme development and improving student enrolment.

The Centre for Hotel and Tourism Management however, maintained its relevance particularly as it relates to enhancing its social and community profile which invariably has the potential to significantly impact student's enrolment.

PUBLICATIONS

- * **Salvaris, Christos** and Nikolaos Karagiannis. "Economic Development and Tourism Growth in Jamaica: The Challenges of the Strategic Approach", Caribbean Tourism: Visions, Missions and Challenges, Vol. II, ed. By Chandana Jayawardena, Kingston: Ian Randle Publishers, September 2005, pp. 200-226
- * **Salvaris Christos**, Tika Sharma and Ainsley O' Reilly. "Students' Perceptions of the Hotel and Tourism Management Internship", Caribbean Tourism: Visions, Missions and Challenges, Vol. II, ed. By Chandana Jayawardena, Kingston: Ian Randle Publishers, September 2005, pp. 228-250.

INSTITUTES AND RESEARCH CENTRES LOCATED AT MONA

Year ending July 31, 2006

ADVANCED TRAINING AND RESEARCH IN FERTILITY MANAGEMENT UNIT

**Professor Joseph Frederick, MBBS, DM (O&G), FRCOG,
FACOG – Director**



The Mission of the ATRFMU is to promote, develop and deliver training, research, outreach and clinical services in the areas of Reproductive Health (including family planning) and Health and Family Life Education throughout CARICOM and other countries.

The Overall Objectives are to implement and evaluate the effectiveness of Reproductive Health/Family Planning/Health and Family Life Education programmes in pursuit of the natural development goals of CARICOM and other countries.

This academic year the ATRFMU's main thrust went towards planning and organization of a Conference on Sexual and Reproductive Health from October 26-28, 2006.

This conference under the theme "Sexual and Reproductive Health Our Mutual Responsibility" is seeking to provide a platform for stakeholders in reproductive health to share, discuss and network so that together we can review our various strategies, celebrate achievements and identify gaps that can be filled. The process will allow for the reinforcement of our

confidence and acknowledgement of our creativity in the use of available resources and skills to contribute to the development of healthy families that will facilitate sustainable social and economic development. The range of Conference topics among which are HIV/AIDS, contraception, infertility, adolescent sexual and reproductive health issues, the emerging epidemic of lifestyle diseases are matters that touch the lives of everyone who tenant Planet Earth.

Congratulations to nurse Sheron Gordon for successfully completing the operating theatre course. We also welcome Dr. Loxley Christie and Miss Rochelle Foster for joining the Unit as Research Fellow and Junior Research Fellow respectively.

TRAINING

Edited and produced educational material – course manuals for three courses as follows:

- OG60A- Introduction to Individual Counselling
- OG60B- Introduction to Group Counselling
- OG60C- Abnormal Psychology

Procured relevant textbooks for the preliminary year of the programme.

In consultation with the Office of Finance, reviewed the terms and conditions of the existing tutors' contractual arrangements and issued new contracts to these tutors.

Conducted site visits to The British Virgin Islands and Antigua and recruited new tutors to serve at these sites which were just coming on stream.

Contracted resource persons at each site to serve as Therapy Group Facilitators in order to improve the standard of programme delivery. Two immediate past students from the first programme cycle were included among the therapists.

Made special arrangements for students who did not graduate in the first cycle of the programme to have their final research projects supervised externally. Six of these students have since satisfied all programme requirements.

Delivered the four preliminary courses (OG60A- Introduction to Individual Counselling, OG60B-Introduction to Group Counselling,

OG60C-Abnormal Psychology and OG60D-Developmental Psychology) to applicants who have been accepted to do the Masters in Counselling Programme by Distance Education in nine Caribbean countries (Antigua, Bahamas, Barbados, Belize, The British Virgin Islands, Jamaica, St. Lucia, St. Vincent and Trinidad).

PROGRAMME DEVELOPMENT

Special consultations

The Training team participated in special joint consultations and evaluative meetings with the Director of the ATRFMU, the Pro-Vice Chancellor in charge of Distance Education and the officials from Graduate Studies and Research to explore strategies for improving programme flexibility and efficiency. The main outcomes of these meetings were:

- The reinstatement of Dominica in the MSc Counselling Programme
- A plan for the establishment of an Advisory Board for the activities of the Training Department. This was to include an Administrative Committee to oversee the administrative activities of the programme and an Academic Committee that would be responsible for overseeing the academic aspects.
- A rationalisation of the role of the Training Co-ordinator to be in charge of the programme's academic affairs and the Programme Officer to take responsibility for the programme's administrative matters.

Tutors' workshop

Five tutors attended the annual Tutors' Workshop that was held from July 3 to 7, 2006. Recommendations made at this workshop are being applied to the delivery of the current programme.

CURRENT AND PROJECTED ACTIVITIES 2005/2008

Delivery of the second cycle of the Masters in Counselling Programme by Distance Education in nine Caribbean countries (Antigua, Bahamas,

Barbados, Belize, Dominica, Jamaica, St. Lucia, St. Vincent and Trinidad).

Contracting of two additional part-time tutors at Mona to a) have responsibility for the supervision of research projects for students from the first programme cycle in the Cayman Islands, Jamaica, St. Vincent and Trinidad; b) to teach and conduct tutorials in the Professional Issues Course and c) to supervise the students in their practical.

Editing and production of the course manuals for the following courses: OG61A Person-Centred Counselling; OG61B Personal Growth Groups; OG61C – Professional Issues Part 1: Ethical and Legal Issues; OG61D: Existential Counselling; OG62C Quantitative Research Methods and OG62H: Qualitative Research Methods.

Student Registration

Table 1 shows the pattern of registration for the current programme cycle. A number of students were forced to withdraw from the programme for a variety of reasons. Some were not given the necessary day releases from their respective places of employment. Others failed the pre-qualifying courses. Still others withdrew for personal reasons such as the illness and death of close family members.

Table 1 Profile of students who registered for the preliminary courses by gender

Country /site	# of students		OG60A		OG60B		OG60C		OG60D		With-drawals		Current enrolment	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Antigua	2	9	2	9	2	9	2	7	2	3	1	0	1	9
Bahamas	1	5	1	5	1	5	1	4	1	3	0	0	1	5
Barbados	4	4	1	4	4	4	4	2	4	3	2	2	2	2
Belize	0	5	0	5	0	5	0	4	0	3	0	1	0	4
BVI*	1	5	1	5	1	5	1	4	1	4	0	1	0	0
Dominica	0	2	0	2	0	2	0	2	0	2	0	0	0	2
Jamaica	2	12	2	9	2	11	2	3	2	8	2	2	0	10
St. Lucia	2	11	1	11	2	12	2	7	2	5	2	4	0	7
St. Vincent	4	4	2	4	4	3	3	4	4	2	1	1	3	3
Trinidad	0	10	0	7	0	9	0	5	0	5	0	2	0	8

The students in The BVI were not allowed to continue the programme as they did not satisfy the pre-qualifying requirements.

The counselling programme tends to attract older women and men in the 30-55 age range who have to work full-time to support their families and who can only study part-time. Most of the students and part-time staff are highly resistant to attending classes on week-ends due to family and

religious commitments. Some part-time staff are also highly resistant to being asked to do more marking because of time constraints as they, too, have full time jobs.

Online Registration

A number of students encountered difficulty with their online registration. Much support was requested and provided by the Students' Records Unit to assist students in this area.

OUTREACH

Coordinator – Mrs. Joan Meade

Project Coordination

- Co-ordinate second year of activities of the “Promoting Healthy Life-Styles in Western Jamaica: HFLE – HIV/AIDS Project”
- Co-chairman of the Planning Committee for the Unit's Reproductive Health Conference scheduled for October 2006

Research

- Paper Presentation at the Caribbean Child Development Centre 2nd Annual Workshop on Children and HIV/AIDS February 2006 “Views of Parents about Integrating HIV Positive Children in School”
- Paper Presented at the UWISON International Nursing Midwifery Research Conference and Mary J Seivwright Day 40th Anniversary Celebrations June 2006 “Views of Parents about Integrating HIV Positive Children into School”

Teaching

- Taught and examined Course SY21P: Reproductive Health and Family Life Education in the Department of Sociology, Psychology and Social Work during Semester 1 for 71 undergraduate students

Collaboration with External Agencies

- Participated in CARICOM Multi-agency HFLE Regional Working Group Meeting May 29-30, 2006 in Barbados
- Continued to attend Health and Family Life Education Coordinating Committee Meetings at the Ministry of Education and the National Family Planning Board

- Attended Joint Board of Teacher Education (JBTE) meetings relating to the teaching of HIV and AIDS Education in Teachers' Colleges

Proposals

- Submitted a project proposal to CHASE Fund for the "Promoting Healthy Life-Styles in Western Jamaica: HFLE – HIV/AIDS Project".
- Fifty thousand Jamaican dollars (J\$50,000) was obtained from the Rotary Club of Montego for the "Promoting Healthy Life-Styles in Western Jamaica: HFLE – HIV/AIDS Project"

Current & Planned Activities 2006-2007

- Complete Year 3 of the "Promoting Healthy Life-Styles in Western Jamaica: HFLE – HIV/AIDS Project" and conduct Impact Assessment
- Prepare and commence a HFLE Programme for the Staff and Residents of the Homestead Place of Safety, Stony Hill, in collaboration with the Lions Club of St. Andrew Central
- Prepare a Course in Reproductive Health and Health and Family Life Education for Multidisciplinary Groups in collaboration with the Training Section
- Continue research activities in collaboration with the Research Section
- Continue collaboration with External Agencies

Projections 2007-2009

- Expand the "Promoting Healthy Life-Styles in Western Jamaica: HFLE – HIV/AIDS Project"
- Continue implementation of HFLE Programme for the Homestead Place of Safety in collaboration with the Lions Club of St. Andrew Central
- Finalize Programme in Reproductive Health and Health and Family Life Education for Multidisciplinary Groups in collaboration with the Training Section
- Continue research in collaboration with the Research Section

RESEARCH

A risk perception survey for HIV/STI among male clients at the Casualty and Accident and Emergency departments, University Hospital of the West Indies was conducted in 2005.

In collaboration with the Department of Obstetrics, Gynaecology and Child Health, training of medical students in the use of the Partograph was conducted in 2006, funded by UNFPA.

Measuring Family Planning Service Quality through Client Satisfaction Exit Interviews: Baseline Survey, 2006.

A Methodology for Partograph Training, The annual Nursing Midwifery Conference, Department of Advanced Nursing Education, May 2006.

Partograph Training and Monitoring at Four Hospitals, Perinatal Conference, University of the West Indies, 2006.

Risk Perception for HIV/STI among males in Residential Unions, Annual CHRC Conference, St. Kitts, April, 2006.

Union Differences in Perception for HIV/STI among Males accessing services at an urban hospital, ATRFMU Conference, October 2006

PUBLICATIONS

Refereed

- * **Hamilton, J. Jackson, A. Lee**, Risk Perception for HIV/ STI among Antenatal Clients at the Antenatal Clinic, University Hospital of the West Indies. International Family Planning Perspectives
- * **P. Hamilton, J Jackson, A. Lee**, Risk Perception for HIV/ STI among Males in Residential Unions
- * **J. Meade**. Poster Presentation at UWI Annual Research Day January 2006 “Promoting Healthy Life-Styles in Western Jamaica: HFLE – HIV/AIDS Project”

CLINICAL

Numbers of surgery done between the periods July 2005– June 2006

Diagnostic Laparoscopy	149
Diagnostic Hysteroscopy	213
Tubal Ligation	93
Vasectomy	7
Operative Laparoscopy	118
Operative Hysteroscopy	20
Laparotomy	10

Numbers of contraceptive distributed/administered

Oral contraceptives

Lofemenal	
Microgynon	
Ovidon	971
Depo provera injection	2,454
Insertion of Intra Uterine contraceptive device	91
Norplant insertion	76
Condoms	17,201

Clinical Training

The Family Planning Clinic has facilitated the training of the following group of persons:

Resident doctors	12
Medical Students	101
Pupil Midwives	26
Operating Theatre Nurses	12
Student Nurses	82
Anaesthetic students	30
Master of Science (Public Health) student	1

Staff Development

On February 1, 2006, Dr. Loxley Christie was employed to the unit as a Research Fellow and Rochelle Foster as a Junior Research Fellow.

On January 24, 2006 the first meeting of the Fertility Management Unit Clinical Research was held. The main aim and objective of this group is to foster an ongoing clinical research culture in the unit and promote the constant publishing of papers.

IN-VITRO FERTILIZATION LABORATORY (IVF)

PROCEDURES	CYCLES	PREGNANCIES
IVF	39/35	9
ICSI	46/44	17
IUI	39	4
FET	12	4
EMBRYO FREEZING	14	—
SEMEN ANALYSIS	181	—

We commenced Assisted Hatching in November 2005 and had our first pregnancy in January 2006. Our first pregnancy resulting from donor sperm also occurred in January 2006.

PUBLIC SERVICE

Pansy Hamilton

- Vice President, Jamaica Association of Health Service Executives (Education)
- Vice President, Young Women's Christian Association of Jamaica
- Member, Board of Directors Whole Person Resource Centre
- Member, Population Association of America
- Member, American Studies Association of Jamaica
- Member, Planning Committee for the Annual Nurses and Midwives Research Conference
- Member, Committee for the Annual Emancipation Lecture

Amy Lee

- Family Counsellor, Barbican Baptist Church
- Member, Jamaica Association of Health Service Executives

Jean Jackson

- Member, Stewardship Committee of St. Thomas Aquinas Centre

Professor Joseph Frederick

- Member, Caribbean Initiatives of Planning Committee of Planned Parenthood
- Member, Pacesetters Toastmasters Club

AGRICULTURE UNIT

**Dave G. Hutton, BSc UWI, MSc C'nell,
Diploma (Nematology) *Universidad Centrale de Venezuela*
– Agriculture Representative (AR)**



The Faculty of Science and Agriculture (FSA) of The University of the West Indies at St. Augustine, Trinidad is comprised of the School of Agriculture (SoA), and the School of Natural Sciences. The Agriculture Unit (AU) at UWI, Mona i) represents the SoA at this Campus; ii) undertakes outreach to agricultural and related communities in Jamaica, and the region as necessary, on behalf of the SoA; iii) coordinates the SoA's External Programme in Agriculture (EPA) and the University

Certificate Programme in Agriculture (UCPA) in Jamaica; iv) carries out adaptive research; and v) participates in Mona Life Sciences Department's teaching, research, outreach and other programmes as determined by the Head of department.

WORK OF THE UNIT

Relevant to the SoA

The AR coordinated arrangements for dispatch of a SoA Jamaican student to the University of Wisconsin, Madison under an exchange programme between both universities.

The AR coordinated the SoA's 10-week Internship Programme (Course AG 233) in Jamaica by negotiating assignments, interviewing the students and supervisors at their worksites, processing evaluation documents, etc.

The AR facilitated the visit of SoA/FSA staff officially in Jamaica, and gave administrative support to SoA students domiciled in or visiting Jamaica.

Materials, information, etc. from the SoA were routed through the AU to various Jamaican interests.

Two SoA students completed an Agricultural Skills course facilitated by the AU and MINAG Research and Development Department staff at Bodles Agricultural Research Station.

The AU promoted the SoA through exhibitions/presentations on careers in agriculture at various fora.

The AU continues to maintain breadfruit germplasm brought from Hawaii under the “Breadfruit Improvement Project”, carried out in Jamaica by the Department of Food Production, SoA, to characterize local, and assess introduced germplasm, and identify, multiply and distribute improved local and introduced cultivars.

The AR visited St. Vincent to participate in a Workshop addressing plant nematode problems in banana, and also analyzed thirty-six (36) banana soil and root samples from a water grass control trial established by SoA personnel, for plant nematodes. This was part of FSA’s response to an appeal from the Winward Islands Farmers’ Association (WINFA) for assistance to manage destructive nematodes and weeds affecting banana production in those islands.

The AR is Reviewer for plant nematology articles submitted for publication in Tropical Agriculture, the official journal of FSA. Three such manuscripts were reviewed.

The External Degree Programme in Agricultural and Rural Development (EPA), and the University Certificate Programme in Agriculture (UCPA) were offered from FSA by distance.

Twenty three students were enrolled in the EPA for 2005/2006, 20 in the MSc two in the Post-Graduate Diploma, and one in the Course Certificate disciplines, and six in the UCPA. The Unit administers these programmes in Jamaica, being the contact point for students, for receiving materials, providing information, advice, supervision, counselling or administrative support, and interaction with St. Augustine.

Relevant to UWI/Mona

- The AU participated in the UWI/Mona 2005 Career Expo.
- The AR served as University Examiner/Second Examiner for Course Z32G.
- The AR taught segments of the following course:-

BT37Q (Plant Health); 2 weeks;
 BL05B (Preliminary Biology); 2 weeks;
 Z32G (Pest Management); 1 week;
 BL10M (Plant Diversity); 3-week equivalent, Summer 2005,
 and 3 weeks, Semester I, 05/06.

- Supervised a student project under course BL39C.
- The AR interacted with visiting students and Faculty of Ramapo College, N.J., USA on behalf of DLS.

Outreach

- The AR collaborated with the Research and Development Dept., Ministry of Agriculture (MINAG) on various research initiatives.
- The AU is assisting the School of Hope efforts to resuscitate soil conservation and agricultural endeavours, firstly by helping with development of a project document to seek sponsorship from funding agencies.
- The AR sat on the panel for the Capital and Credit Merchant Bank, and National Youth in Agriculture/ RADA scholarship interviews.
- The AU is collaborating with the Sugar Industry Research Institute (SIRI) to develop a “Plan of Work” which will ultimately address management of plant nematode infestation of sugarcane fields.
- The AR is External Examiner, College of Agriculture, Science and Education. Four courses were evaluated.
- Soil and plant samples were analyzed for noxious nematodes on behalf of farmers, householders, institutions or agencies (including Jamaica House/Vale Royal, the Cayman Islands Department of Agriculture, St. Mary Banana, the Sugar Industry Research Institute (SIRI), NEPA, RADA, Baronhall Coffee Estates, etc.) and relevant nematode control recommendations or assistance with addressing plant nematode problems given.
- The AR attended/participated in several conferences, seminars, field days, career days, training days, workshops, symposia and other such events hosted by UWI, various high schools,

MINAG, CARDI, IICA, NEPA, the Jamaican Society for Agricultural Sciences (JSAS), etc., and sat on sundry MINAG Committees set up to address topical issues.

PUBLIC SERVICE

- Life Member, the Jamaican Society for Agricultural Sciences;
- Treasurer, the National Food and Nutrition Co-ordinating Committee of Jamaica (NFNCCJ);
- Member, National Youth in Agriculture/RADA Schools' Agricultural Programme Committee;
- Member, Publications Committee, Research and Development Dept., Ministry of Agriculture;
- Chairman, Bellevue Hospital Foundation of Friends;
- Member, Agriculture Industry Lead Group, the National Training Agency, HEART Trust;
- Member, The Bureau of Standards/Jamaica Agriculture Produce Technical Sub-Committee;
- Member, Plant Health Coordinating Committee.

**CENTRE FOR GENDER AND
DEVELOPMENT STUDIES
MONA CAMPUS UNIT**

**Leith Dunn, BA (Hons), MSc (Sociology & Social Psy) UWI,
PhD (Sociology) *London School of Economics*
– Head of Unit**

Staffing



Professor Barbara Bailey, University Director, CGDS Regional Coordinating Unit, provided oversight of the Teaching, Research and Outreach programmes between August 2005 and March 31, 2006. Dr. Leith Dunn was appointed Senior Lecturer/ Head and assumed duties on April 3, 2006. The Finance and General Purposes Committee gave its approval for the establishment of a Clerical Assistant post and Mr. Rodrick Brown was the incumbent in that post. The staff team now includes: Dr. Leith Dunn,

Head/Senior Lecturer, Ms. June Castello, Lecturer, Dr. Anneka Marshall, Lecturer, Ms. Beverly Shirley, Senior Administrative Assistant, Ms. Althea Perkins, Research Assistant and Mr. Rodrick Brown, Clerical Assistant.

Ms. Suzanne Charles, Junior Research Fellow, Coordinator for *The Gender Differentials at the Secondary and Tertiary Levels of the Educational System in the Anglophone Caribbean project*, spearheaded by the Regional Coordinating Unit (RCU) was re-assigned from the Mona Unit, to the RCU, on January 16, 2006. Staffing was adversely affected by budgetary constraints and the post of Research Assistant was discontinued. Consequently, Ms. Althea Perkins demitted office on July 31, 2006.

OBUS Assessment Review of the Mona Campus Unit

An External Assessment Review of the Mona Unit was conducted by the Board of Undergraduate Studies, in April 2006 and the report was submitted. The Review Team comprised Professor Pauline Gardiner-Barber of Dalhousie University, Professor Bridget Brereton of the UWI Cave Hill Campus and Mrs. Mary Clarke, Child Advocate and former Social Policy Manager at the Planning Institute of Jamaica.

Implementation of the Review Team's recommendations commenced with a joint review of CGDS courses with the RCU to better respond to the emerging gender and development issues, and to ensure closer articulation between diploma, undergraduate and postgraduate courses. Initiatives to expand research and outreach programmes have progressed. A concept paper on emerging gender and development issues in the Caribbean was prepared for the CGDS Regional Strategic Planning meeting in June 2006 and a stakeholder consultation was held in July 2006 to guide future programmes.

Staff Development and Training

The Unit's Staff Development Programme was enhanced to support personal academic and professional growth and is expected to boost morale and productivity. Staff have participated in the following training courses to upgrade skills in: Use of Qualitative Data Analysis Software (ATLAS.ti); Endowment and fundraising; Performance Management for Deans and Heads of Departments, use On-line Library Journals and databases.

TEACHING

Undergraduate Teaching

The Mona Unit continued to offer six (6) courses for a Minor in Gender and Development Studies. Two Level 3 courses previously developed by Dr Patricia Mohammed were approved by the Quality Assurance Academic Committee. The Unit hosted a regional curriculum planning workshop for these two courses (Philosophy of Gender and the Philosophy of Gender in Caribbean Thought) in preparation for teaching the courses for delivery on each campus in AY2006/7 and AY2007/8.

The proposal to offer a Major in Gender and Development Studies was further advanced by the preparation of a concept paper by Professor Barbara Bailey which was discussed at the CGDS Regional Strategic Planning Meeting at St Augustine in June 2006. Follow-up discussions continued with the Dean and staff of the Faculty of Social Sciences.

Staff of the Mona Unit, Dr Anneka Marshall and Ms Castello also delivered, monitored and examined courses offered in the Distance-mode Diploma in Gender and Development Studies programme offered by the CGDS Regional Coordinating Unit.

Graduate Teaching and Supervision

Dr Anneka Marshall, Ms June Castello and Dr Dunn taught courses in the MSc Gender and Development Studies Programme coordinated by the CGDS RCU.

Dr Dunn was appointed supervisor for one MPhil student in Gender and Development Studies and two MSc students in SALISES and as examiner for one MSc Sociology student at St Augustine and one MSc student at SALISES.

Dr Marshall supervised three MPhil students in Cultural Studies and Philosophy Departments and serves as a member of the Supervisory Panel for one MPhil Student.

Ms June Castello supervised the research projects of two (2) postgraduate students.

Ms Althea Perkins supervised two (2) students in the School of International Training.

RESEARCH ACTIVITIES

Individual staff members continued to pursue their individual research interests which ranged from issues related to: Gender and Theology; Gender, Sexuality and HIV/AIDS as well as Gender, Work and Trade.

Staff Research Activities

- **Dr. Dunn** is involved in research on Gender and Work including a study on the Unconditional Worst Forms of Child Labour for the ILO.

- **Dr. Annecka Marshall** is involved in two research projects on Gender and Sexuality
- **Ms June Castello** is involved in postgraduate research on Gender and Theology:
- **Ms. June Castello** and **Ms. Althea Perkins** wrote & edited Unit 1 of the Module Understanding Sex and Gender for a UNIFEM/UNICEF CD-ROM project.
- **Ms. Althea Perkins** coordinated the RCU's Gender and Training Project on Gender Socialization, Schooling and Violence and presented the findings at a CARICOM/CGDS RCU/UNIFEM Workshop in Dominica, May 3-4, 2006.
- **Ms Perkins** also participated in writing a Training Manual on Gender, Sexuality and HIV/AIDS and served as a trainer for two (2) workshops held in Trinidad and Tobago and in Jamaica under this UNIFEM/CGDS TT project.
- **Ms Shirley** served as a researcher for the Jamaica Economy Since Independence project and also made progress in writing her MPhil dissertation.

Outreach Activities

The Mona Unit continued to commemorate international events such as the International Day Against Violence Against Women, International Women's Day and UWI Research Day among others.

Teaching Assessment

The mean scores and response rates of AY 2005/6 teaching assessment exercise were as follows:

Course	Lecturer Mean score	Course Mean score	Response %
AR2OB	3.9	3.9	53
AR20M	4.5	4.3	64
AR20A	4.5	4.3	31
AR21A	4.8	4.2	54
SY37G (Sem 1)	4.6	4.4	40
SY37G (Sem 2)	3.7	3.6	49

No of Academic staff members: 3

STAFF DEVELOPMENT AND TRAINING

The Mona Unit's Staff Development Programme was enhanced to support personal academic and professional growth which should boost morale and productivity. Staff have participated in the following training to upgrade skills in: Use of Qualitative Data Analysis Software (ATLAS.ti); Endowment and fundraising; Performance Management for Deans and Heads of Departments, use On-line Library Journals and databases.

TARGETS FOR 2006/7

The main targets set for the 2006/7 academic year are as follows:

1. Curriculum/Teaching

Increase quality and scope of course offerings in response to AQAC review recommendations and expand multidisciplinary teaching partnerships.

- Host curriculum planning workshop for Philosophy of Gender courses and teach one (1) in Semester 2 of AY2006/7. Revise and resubmit six undergraduate course outlines to Gender Board and AQAC for approval.
- Develop two new undergraduate course outlines
- Present guest lectures and supervise students as requested.
- Increase use of multimedia teaching methods
- Conclude dialogue with relevant Departments and Boards to offer a Major in Gender and Development Studies for AY2007/8
- Organise gender courses for Summer School 2007

Research and Publications

Increase research projects and publications in the Mona Unit (MU)

- Continue preparation of research proposals to increase staff and Unit research output and publications
- Recruit Research Associates to implement research projects as needed.
- Complete a minimum of four publications: Working Paper 4; LMM's Thesis with U Press; LMM Lecture and one other.

- Facilitate staff participation in a minimum of three (3) academic conferences
- Participate in Caribbean Gender Review On-Line Journal

Outreach

- Increase awareness of MU programmes and gender issues
- Establish and launch MU website
- Develop partnerships related to four (4) emerging gender and development issues: trade; violence/HIV/AIDS; economic empowerment; governance.
- Organise three ‘Conversations with Gender’ sessions
- Organise Dorian Powell Prize Awards Ceremony and select winners for AY 05/06.
- Organise Lucille Mathurin Mair Annual Lecture
- Organise outreach to one teachers’ training institution and two secondary schools

Increase revenue to Mona Unit

- Prepare funding proposals and expand consultancies Fundraise for special events and upgrade equipment
- Increase Summer School advertising.

Support UWI Strategic Initiatives

- Strategic Planning process;
- Wellness Programme: implementation of HIV/AIDS and Sexual harassment policies
- Student Mentorship Programme
- Disaster Risk Management Centre
- Centre for Communications for Development
- Research Day and Academic Conferences, Faculty and Board meetings

COLLABORATION IN PUBLICATIONS

The MU increased efforts to augment the number of publications. The Unit supported the editing of **Dr. Lucille Mathurin Mair's** thesis: 'A Historical Study of Women in Jamaica from 1655 to 1844' by Professor Verene Shepherd and Professor Hilary Beckles which will be published in March 2007, jointly by the CGDS Mona Unit and the UWI Press. Ms Castello edited articles for Working Paper #4 and wrote the preface. Provisions were also made to publish the Lucille Mathurin Mair Public Lecture.

PAPERS PRESENTED

Dr. Leith Dunn

- 'Women in philanthropy: from traditional to trans-formational leadership in the 21st Century'. Caribbean Conference on Philanthropy, Montego Bay, May 2-5 2006.

Dr Anneeka Marshall

- 'Beyond Tying The Bull Or Breaking In The Stud: Debunking The Pimpology of Male Sexuality in the Caribbean' Caribbean Conference in honour of Professor Barry Chevannes, UWI, Mona Campus, January 2006.
- 'Mounting a Challenge: Questioning The Historical Myth Of The Black Jezebel And Modern Representations Of Black Female Sexuality'. Presentation for Black History Month, Irvine Hall, Mona Campus, February 2006.
- 'Jezebels, Soca And Dancehall Divas: The Impact of Images Of Femininity Upon Social Policies And Gender Relationships In The Caribbean'. Presented at Annual Conference, Sir Arthur Lewis Institute, Sherbourne Centre, Barbados, March 2006.

Ms. June Castello

- (with Ms. Gabrielle Hosein) "Thinking Gender and Development" Workshop-CGDS, St. Augustine, hosted for UN staff, UN House, December 12, 2005

Ms Beverly Shirley

- 'Women's Activism and the Environment: Guyana and Barbados in the 1970s: Identity, Worldview and Religion: Beyond Caribbean Cultural Norms –Conference in honour of Professor

Barry Chevannes: University of the West Indies, Mona Campus
January 2006

- ‘Contemporary Women’s Activism and the Equality Question’
Annual Conference Sir Arthur Lewis Institute: Sherbourne
Centre, Barbados: March 29-31, 2006
- ‘The Renaissance of the Caribbean Women’s Movement: A
Comparative Study of Trinidad, Barbados, Guyana & Jamaica’
SALISES Seminar: April 25, 2006

INCOME GENERATION

The Unit received a consultancy fee of \$25,000 for co-facilitating a regional UNDP/OECS/CCNAPC workshop for national HIV/AIDS Coordinating Committees to develop gender-sensitive HIV/AIDS policies and programmes. The CGDS RCU also transferred a grant of J\$150,000 from the Making of the Caribbean Project to the Mona Unit to publish Working Paper #4 on *Gender, Masculinities and the Workplace*. As at August 31 2006, accumulated revenue from Summer School was over J\$1.1m

PUBLIC SERVICE

Dr Leith Dunn:

- Member, CGDS On-Line Journal Caribbean Review of Gender Studies Board
- Member, Advisory Committee, Jamaican Economy Project (JEP)
- Member, Board of the Shortwood Teachers’ College
- Chair, Inter American Development Bank’s Civil Society Advisory Committee
- Member, Editorial Board, Convergence Magazine, Canada
- Chair, ILO Advisory Committee on Child Labour Statistics, Geneva.

Dr Anneeka Marshall and **Ms Castello** participated in a number of radio interview programmes.

CATEGORIES OF STUDENTS

Undergraduate Teaching

Five (5) undergraduate courses were offered by the Unit in Semesters 1 and 2 of the 2005/6 AY and three (3) courses were offered in the Summer Semester. SY37G continued to be offered in all three semesters in response to popular demand. Three lecturers taught the courses presented in Table 1 and total student registration was 447. A graduate student was recruited to give tutorial assistance to SY37G. Table 2 presents graduate and other courses taught by CGDS MU staff.

Table 1. CGDS Mona Unit Undergraduate Courses (Minor) for AY2005/6

Course	Title	Sem	Reg.	Lecturer
SY37G	Sex, Gender and Society	1	103	Annecka Marshall
AR21A	Introduction to Women's Studies 1	1	13	Annecka Marshall
AR20A	Gender in Caribbean Culture 1	1	72	June Castello
AR20B	Gender in Caribbean Culture I	2	34	Annecka Marshall
AR20M	Introduction to Men and Masculinities in the Caribbean	2	41	June Castello
SY37G	Sex, Gender and Society	2	119	June Castello
SUMMER SCHOOL				
SY37G; AR20A; AR20M				
Coordinator: Beverly Shirley		3	65	J Castello A Perkins
TOTAL			447	

Table 2. Summary of Teaching for AY 2005/6

Lecturer	Undergraduate Teaching	Graduate Teaching	Diploma Programme	Other teaching
	Sem			Guest lecture
June Castello	AR20A	1	GS60A	(T33N) UTC
	AR20M	2	GS62A	
	SY37G	2		Guest lecture (SIT)
	SY37G	3		
	AR20A	3		
Annecka Marshall	SY37G	1	GS66A	GEND2103
	AR21A	1		
	AR20B	2		
Althea Perkins (Research Assistant)			GEND1201 GEND1001 GEND1105	
Leith Dunn		2	GS63B	Guest Lecture: Sociology/PIOJ

EARTHQUAKE UNIT

**Margaret D. Wiggins-Grandison BSc *UWI*, MS *Atl. U.*,
PhD *U. Bergen* – Research Fellow/Seismologist**

WORK OF THE DEPARTMENT

Caribbean Tsunami Warning System



Arising from the devastating Boxing Day 2004 Indian Ocean tsunami, the US Government mandated the US Geological Survey and the National Oceanic and Atmospheric Administration to establish a Tsunami Warning System (TWS) in the Caribbean. To this end the Caribbean is to receive nine Very Broad-Band six-component seismograph stations of the highest quality and five Deep Ocean Assessment and Reporting of Tsunamis (DART) II buoys each having communication links with the USGS National

Earthquake Information Centre or NOAA. In December two members of the United States Geological Survey (USGS) team visited Jamaica to discuss with the GOJ the establishment of one of the seismograph stations in Jamaica. The project would be financed entirely by the US Government including training of locals in maintaining the station and delivering the data to the EQU, who would operate as the first local contact. Dr. Wiggins-Grandison took the visitors to three sites that satisfied their requirements, NEJ, BBJ and CVJ that were also existing stations of the Jamaica Seismograph Network. CVJ was selected with BBJ as the runner-up. An MOU outlining the terms of the bilateral cooperation was presented to the GOJ. On Earthquake Awareness Day in January 2006 the then Ministry of Land and Environment held a press conference in which an intention to sign the MOU was signed by her Excellency US Ambassador Johnson and the Honourable Minister Dean Peart. At the time of writing the MOU is still a work in progress.

Spectral Seismic Hazard Maps for Jamaica

In March two spectral seismic hazard maps representing long and short period ground accelerations with a two percent probability of exceedence were handed over to the National Building Code Committee. The maps were the result of an extensive study by M. Wiggins-Grandison. They conform to the guidelines of the International Building Code which is being promulgated into law for Jamaica. A brochure on the maps has also been prepared. A more detailed paper for publication will follow.

Microzonation of Kingston

M. Wiggins-Grandison attended a second workshop of the UNESCO-IUGS-IGCP Project 487, “Microzonation of Latin American Cities”. This time it was held at the Engineering Department, University of San Jose in Costa Rica, October 18-26, 2005

Other

As usual staff were involved in the ODPEM’s Earthquake Awareness Week and Disaster Preparedness Month activities, UWI’s Research Day and Jamaica National Heritage Trust’s commemoration of the Port Royal earthquake. Over 550 students and teachers visited the Unit and the Unit participated in Savanna-la-Mar Primary’s Disaster Preparedness exhibitions in June.

About eighty-three (83) trips were made to maintain the three networks of recording instruments.

Jamaica Seismograph Network (JSN)

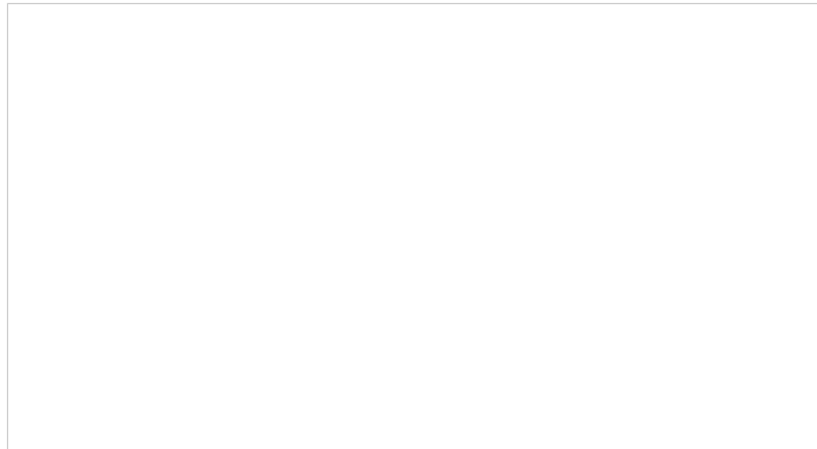
Finally, the last two stations damaged from Hurricane Ivan were dealt with. The Jamaica Constabulary erected a new antenna tower at CMJ in August-September 2005 enabling that station to be rebuilt. The Harbour Master’s Department re-roofed the building at PCJ during May to July 2006 enabling both the seismograph and the continuous Global Positioning System (GPS) receiver to be reinstated in a dry, secure environment. Since September 2004 those equipment had been operating under a tarpaulin which contributed to the downtime of PCJ as well as YHJ which is relayed through PCJ.

For northern and western stations much of the down time is attributable to lightning damage at Cooper’s Hill which is the relay point for these stations, this despite the use of lightning protection cells. This year, Cooper’s Hill was placed on solar energy which has decreased the impact of the damage. A number of options about how to eliminate/minimize

this problem were examined including the possibility of shifting the relay point to Stony Hill, where there has been historically lower incidence of lightning strikes. However, a higher tower will be required there to achieve line-of-sight with the outlying stations.

Figure 1. Station Performance in terms of percentage of earthquakes recorded.

Most stations rebounded since Hurricane Ivan. Exceptions are: (1) MCJ that experienced a period of noisy signals caused by weather-worn cables and weak batteries, which had to be replaced; (2) NEJ that continued to operate in an electronically noisy environment from which it must be removed; (3) YHJ that was inaccessible for much of 2005 due to unsafe



road conditions brought on by the excessive rainfall. Stations exhibiting significant gains over the period include BBJ, CMJ, GWJ, HOJ and MBJ. [Background is the undeveloped site of NEJ at Mount Airy, Westmoreland.]

Figure 2. JSN Performance.

For 2005-6, the number of earthquakes recorded by 9-12 stations increased three-fold when compared to the previous two years.

Concrete plans were drafted to build adequate infrastructure and use solar



energy at stations giving priority to those that need it most, NEJ, YHJ and BBJ. Estimates were included in the budget for 2006-7. A significant amount of investigation concerning the choice of equipment for upgrading stations from analogue to digital has taken place and will continue into next year. Investigations also focussed on a new communication system for staff and digital instruments alike using the flat rate Oceanic Digital/MiPhone CDMA wireless service.

In March two new personal computers for data acquisition were received and a new data acquisition system employing an economical 32-channel SARA digitizer and SEISLOG freeware from University of Bergen was installed and tested. The Central Recording Station (CRS) was rehabilitated and tidied by replacing and ducting weather-worn antenna cables and internal wiring. In addition renovation and upgrading to the solar power system at the CRS began with the aim of improving its efficiency.

Following a series of major repairs, the Unit's vehicle, a 1998 Subaru Forrester broke down on July 11 and was declared irreparable. Station maintenance therefore was hampered until the end of the month when the GOJ loaned the Unit a vehicle. It is anticipated that enough money to purchase a new 4-wheel drive vehicle will be provided in the 2006-7 budget.

The Jamaica Strong Motion Network

This year Kinemetrics Inc. repaired and returned to us FOC an ETNA digital accelerometer that had been damaged since two years ago. Successive budgets of the EQU could not support the repair cost of US\$3,600.00. In August 2005 yet another Etna was damaged and repairs have been assessed at US\$2,000.00. Engineers from Oceanic Digital worked with EQU engineering staff testing wireless CDMA communications with the ETNA digital instrument. Aspects of the tests were positive and supportive of continued testing.

GPS network

A first manuscript that integrated the findings of the initial five years of GPS measurements in Jamaica with Jamaican seismicity was drafted and submitted for publication by C. DeMets (U. Wisconsin) and M. Wiggins-Grandison.

In April the two Ashtech GPS receivers and data-bridges were redeployed at Pike and at Portland Cottage lighthouse. During May to July six new sites were selected for GPS measurements: Manchioneal, Kempshot, Munro College, Braeton and Manatee Bay both in the Hellshire Hills, and **Big Goat Island**. A short talk on GPS and its use in Jamaica was well received by Munro College fourth form geography students and teacher, many of whom had not heard the term before.

Earthquakes Recorded

105 local earthquakes were recorded with magnitudes between 1.1 and 4.3. The largest was offshore Black River. Six minor/light earthquakes were felt, none causing any damage. Another thirty-nine events (39) were attributed to man-made explosions.

Seismicity for 2005-6 was dominated by earthquakes occurring in the Blue Mountains, followed by the central Rio Minho-Crawle River fault zone, the Wagwater Trough South, Wagwater Trough North, Buff Bay and Montpelier-Newmarket Belt, in that order, all traditional zones of higher activity.

Forty-five (45) earthquakes were located in the near-Jamaica region. Most were situated in the Oriente Fracture Zone/Cayman Trough that lies between Jamaica and south-eastern Cuba. In addition 45 regional and 32 distant earthquakes were recorded bringing the total number of events this year to 267.

PAPERS PRESENTED

- M.D. Wiggins-Grandison, “Towards IBC Seismic Hazard Maps for Jamaica”, 50th Anniversary of the Geological Society of Jamaica Conference, Mona Visitor’s Lodge, December 1 - 4, 2005 (oral)
- M.D. Wiggins-Grandison, “Jamaican Seismology with reference to other islands in the Greater Antilles”, Caribbean Division of Structural Engineers 2-day conference on Earthquake Engineering, Mount Irvine Bay Hotel, Tobago, December 5 - 6, 2005 (oral, invited)
- M. D. Wiggins-Grandison, “The Preparation of IBC Seismic Hazard Maps for Jamaica”, Jamaica Institution of Engineers & Institution of Structural Engineers – Caribbean Division Joint Technical Session: Selection of Seismic Design Values for Use in Jamaica, University of Technology, June 8, 2006 (oral).

INCOME GENERATION

The EQU delivered three small consultations which earned just over \$40,000.00. Work progressed satisfactorily on a seismic risk assessment for NEM Insurance Company Ltd. The project valued at over \$2 million, involved two weeks of site response measurements in Kingston and employed one Scientific Officer for one year.

PUBLIC SERVICE

- Member, National Data Centre, Comprehensive (Nuclear) Test-Ban Treaty Organization (CTBTO)
- Member, Federation of Digital Seismograph Networks (FDSN)
- Member, International Seismological Centre (ISC)
- Member, Middle America Digital Seismograph Consortium (MIDAS)
- Member, National Committee on Science and Technology (NCST)
- Member, National Disaster Committee (NDC)

- Member, US Caribbean Seismic Station Network (USCaribNet)
- Member, West Indies Group of University Teachers Executive (WIGUT)
- Member, Senior Common Room (SCR) Management Committee

ELECTRON MICROSCOPY UNIT

Klaus W. Wolf, PhD – Head of Unit

WORK OF THE UNIT



Throughout the 2005/2006 academic year, the Electron Microscopy (EM) Unit of the Mona Campus continued to assist Researchers and other Interest Groups to achieve their goals of obtaining results in and gaining a better understanding of optical and electron microscopy. Services and tuition in the fields of Electron Microscopy, various forms of Optical Microscopy (OM) and Macro-Photography (MP) were provided. Researchers on and off the

Mona Campus, Postgraduate, Undergraduate, and High School-students benefited from the EM Unit. Table 1 indicates services that the EM Unit has provided.

Tab. 1: Services provided by the EM Unit during the academic year 2005/2006

Specimen	Technique	Institution
Algae and asbestos	OM	RPS Health, Safety & Environment, Scotland
Artemia species	OM	Dept. Life Sci., UWI, Mona
Aquatic Hemiptera	OM	Dept. Life Sci., UWI, Mona
Barb of a stingray	OM	Dept. Basic Med. Sci., UWI, Mona
Cactus fruit	MP	Dept. Life Sci, UWI, Mona
Fungi	MP	Dept. Life Sci, UWI, Mona
Larvae and eggs of Lepidoptera	OM	Dept. Life Sci., UWI, Mona
Mullet stomach content	OM	Dept. Life Sci, UWI, Mona
Pimento flower	OM	Dept. Life Sci, UWI, Mona
Rat synovial joints	OM	Dept. Basic Med. Sci, UWI, Mona
Rock samples	OM (polarization)	Dept. Geology and Geography, UWI, Mona (three different sets of investigators)

Small intestine of the rat	OM	Dept. Basic Med. Sci, UWI, Mona
Snails	OM	Dept. Life Sci., UWI, Mona
Snail shells	MP, OM	Dept. Life Sci, UWI, Mona
Sponges	OM	Dept. Chemistry, UWI, Mona
Sponge spicules	OM	Dept. Life Sci., UWI, Mona
Starfish	OM	Dept. Life Sci, UWI, Mona
Turmeric rhizome	OM (fluorescence microscopy)	Ministry of Commerce, Science & Technology, Jamaica
Unidentified Scolytid beetle	OM	Ministry of Commerce, Science & Technology, Jamaica
Urine sediments	OM	International Center for Nuclear and Environmental Sciences, UWI, Mona
Vertebrate Tissue	OM	Dept. Basic Med. Sci., UWI, Mona
Worm from infected human eye	OM	Dept. Microbiology, UWI, Mona

The EM Unit organized and conducted laboratory sessions in the course “Virology” offered by the Department of Life Sciences. The main feature of the laboratories involved negative staining of isolated viruses and Transmission Electron Microscopy. In addition the EM Unit contributed a laboratory session (including the marking of assignments) to the course “Research Methods” offered by the Department of Chemistry. The laboratory dealt with electron diffraction and polarization microscopy. Interns from the Cytology Unit of the University Hospital of the West Indies were also exposed to the operations of the transmission electron microscope.

Collaborations were established with researchers abroad, as indicated in Table 2. The analysis of water samples from tank Bromeliads revealed a number of new species. One of them was named *Spathidium wolfii* to acknowledge the local collaborator Dr. Wolf (published in: Foissner, W. and Xu, K., 2006, Monograph of the Spathidiidae: Protospathidiidae, Arcuospathidiidae, Apertospathulidae; Vol. 1 Monographiae Biologicae Series, Kluwer Academic Publishers).

Tab. 2 Collaborations with the EM Unit in the academic year 2005/2006

Subject	Collaborator
Ciliates in the water body of tank Bromeliads	Zoologist at the “Institut für organismische Biologie”, Universität Salzburg (Austria)
Kinetics of spermatogenesis in local lizards	Zoologist at the Department of Zoology, Wittenberg University, Ohio, USA

PUBLICATIONS

Refereed

- * Webster, S.A.; Mitchell, S.A.; Reid, W.A.; Ahmad, M.H. (2006) Somatic embryogenesis from leaf and zygotic embryo of *Blighia sapida* ‘Cheese’ ackee. In Vitro cell. Dev. Biol. 42: 467 - 472

Non-Refereed

- * Wolf, K.W.; Gardner, M. (2005) The Bleeding Tooth Nerite” A case for the malacologist and not the dentist. Sunday Gleaner, Aug. 7 p. B12
- * Wolf, K.W. (2005) Peeney- Walley the money maker. ‘UWI’s Eye On Science’ Daily Gleaner, Oct. 13, p. C11
- * Reid, W. Wolf, K.W. (2006). The place where you can see what you cannot see, Daily Gleaner, Feb. 2, p. D8.

PUBLIC SERVICE

Dr. Wolf

- ad hoc referee, *Journal of the Entomological Research Society*
- ad hoc referee, *Acta Zoologica*.

INSTITUTE OF CARIBBEAN STUDIES

Professor Carolyn Cooper, BA *UWI*, MA, PhD *Toronto* – Director



WORK OF THE INSTITUTE

The 2005-2006 academic year was one of transition for the Institute of Caribbean Studies (ICS) and the Reggae Studies Unit (RSU). Mr. Joseph Pereira, who had been Director of the Institute from September 1, 1995, demitted office on September 3, 2005 and Prof. Carolyn Cooper, Co-ordinator of the Reggae Studies Unit, succeeded him. In addition, on the initiative of the new Director, the institutional structure of the ICS was changed, as of November 2005, from a Special Project to a Department funded through the University Grants Committee. In August 2005, thanks to the vision of Dean Brown, the office was relocated from the rather cramped Room 73 to the more spacious Arts Conference Room, a major infrastructural development that has certainly enhanced both the work and the image of the Institute.

As part of its outreach agenda, the Institute submitted a proposal for the establishment of **The Michael Manley Centre for Global Dialogue**. The Centre, which has been approved in principle, is awaiting funding through the Mona Finance and General Purposes Committee to become operational.

The primary projects of the **Centre** in its initial stage of development include:

- **The Michael Manley Scholar-in-Residence programme**, analogous to the Fulbright Fellowship or the Rhodes Scholarship, that would attract to the Mona campus for a one-year residency an outstanding academic working in any of the fields associated with Mr. Manley's multifaceted career.
- **The Annual Michael Manley Lecture** to be delivered by the Visiting Scholar or any distinguished academic, politician, artist or public intellectual who embodies the Manley legacy.

- **An inter-disciplinary graduate colloquium**, “Global Dialogues on Post-Colonial Theory and Praxis,” that would include interrogation of Mr. Manley’s writings and life work.
- **An inter-disciplinary undergraduate course**, “The Michael Manley Legacy,” that would focus on the making of a post-colonial politician/intellectual.
- **A co-curricular programme** of cultural activities named in honour of Mr. Manley, for example an annual debate, a cricket match and a community service project.

Academic Staff

Within the ICS there are two full-time lecturers: Mr. Cecil Gutzmore who teaches FD11A – Caribbean Civilisation; and Dr. Sonjah Stanley Niaah who teaches undergraduate courses in Cultural Studies and co-ordinates the graduate course, AR 600 – Colloquium in Cultural Studies. There are also three part-time lecturers: Mr. Jalani Niaah, lecturer in Rastafari Studies; Ms Deborah Hickling who teaches AR25F – Caribbean Films and their Fictions; and Rev. Ashley Smith who teaches AR25X – African Religious Retentions in the Caribbean. An additional part-time lecturer, Mr. Arthur Newland, was employed this year to teach one of the courses in the Rastafari Studies Minor, AR35R – Rastafari in the Global Context.

Administrative Staff

The ICS Administrative Officer, Mr. Winston Campbell demitted office at the end of the 2004-2005 academic year to pursue further academic work at the University of Essex in the UK and Ms. Lorna Smith succeeded him. She is supported by two departmental awardees in the graduate programme in Cultural Studies: Mr. Miguel Williams is assigned to the RSU and Ms. Mitzie Reid to the ICS. One undergraduate student, Ms. Sheika Henry, is employed to handle the sales of texts for the foundation course FD11A.

Overall Teaching Achievement

Student evaluation of courses taught at the undergraduate level for Semesters I and II are as follows:

Semester I

Course Code	Lecturer	Lecturer Mean	Course Mean
FD11A (1)	Mr. Cecil Gutzmore	4.0	3.7
FD11A (2)	Mr. Cecil Gutzmore	3.7	3.5
FD11A (3)	Mr. Cecil Gutzmore	4.1	3.8
FD11A (4)	Mr. Cecil Gutzmore	4.0	3.5
AR20R	Mr. Jalani Niaah	4.4	3.9
AR25A	Dr. Sonjah Stanley Niaah	4.0	3.7
AR25R	Mr. Jalani Niaah	4.3	4.1

Semester II

Course Code	Lecturer	Lecturer Mean	Course Mean
FD11A(1)	Mr. Cecil Gutzmore	3.4	2.8
FD11A(2)	Mr. Cecil Gutzmore	3.5	2.9
FD11A(3)	Mr. Cecil Gutzmore	3.9	3.4
FD11A(4)	Mr. Cecil Gutzmore	3.5	2.9
FD11A(5)	Mr. Cecil Gutzmore	3.6	3.3
AR25F	Ms. Deborah Hickling	3.7	2.8
AR25X	Rev. Ashley Smith	3.9	3.7
AR35A	Dr. Sonjah Stanley Niaah	3.8	3.5
AR333	Mr. Jalani Niaah	4.1	4.0
AR35R	Mr. Arthur Newland	3.3	3.1

PAPERS PRESENTED

Professor Carolyn Cooper: (Please refer to the Department of Literatures in English 2005-2006 Departmental Report for Professor Cooper's presented papers, publications and public service.)

Mr. Cecil Gutzmore

- "Kin, Land and Ancestor: Africans and the Issue of Land, Past and Future Perspectives." Public lecture, University of Namibia, August 22, 2005

Dr. Sonjah Stanley Niaah

- "Black Performance Geographies from Slave Ship to Ghetto." The Annual Philip Sherlock Lecture, UWI, Mona, February 27, 2006

- “Dancehall, Limbo and the Sacred Performance Space,” Symposium, “Tambu Today – Jonkonnu Tomorrow,” Edna Manley College of the Visual and Performing Arts, March 2, 2006.
- (with Jalani Niaah): “‘Reflection’ from the Margin: Jah Cure, Rastafari and the New Leadership through Stardom.” Conference in honour of Professor Barry Chevannes, January 19 - 21, 2006, UWI, Mona.
- “Dancehall and its Philosophy of Boundarylessness.” Caribbean Heritage Week Celebrations, Brown University, Rhode Island, March 6, 2006.
- “A Common Space: Dancehall, Kwaito and New World Performance.” 6th International Association of Cultural Studies Crossroads Conference, Istanbul, July 20 - 23, 2006.

Mr. Jalani Niaah

- “‘Chanting Down Babylon’: The Evolution of the Nyabinghi into the Twenty-First Century.” Symposium, “Tambu Today – Jonkonnu Tomorrow,” Edna Manley College of the Visual and Performing Arts, March 2, 2006.
- “Rasta Teacher: Leadership, Pedagogy & the New Faculty of Interpretation,” PhD Cultural Studies viva, April 11, 2006, UWI, Mona.

Mr. Arthur Newland

- “Rastafari and the imperative of African Caribbean Family Unity,” Conference in honour of Professor Barry Chevannes, January 19-21, 2006, UWI, Mona.

Rev. Ashley Smith

- “The Church’s Answer to Corruption in National Affairs,” Pastors in Action Conference, October 2005, Kingston, Jamaica.
- “Appropriate Spirituality for the Caribbean.” Biennial meeting of the Executive Committee of the Caribbean Federation for Mental Health, October 2005, Barbados.
- “The Cultural Dimensions of Religion,” AR600 – Colloquium in Cultural Studies, March 24, 2006, UWI, Mona, and at a

Symposium on Muslim/Christian Dialogue, March 25, 2006, St. Michael's Seminary, Kingston.

PUBLICATIONS

Refereed

Dr. Sonjah Stanley Niaah.

- * "Readings of 'Ritual' and Community in Dancehall Performance." *Wadabagei* 9:2, (April 2006): 47-73.
- * "Canvasses of [Jamaican] Representation: Comment on Deborah Thomas' 'Public Bodies...'" *The Journal of Latin American Anthropology*, 11: 1 (2006): 32-36
- * "Kingston's Dancehall Spaces." *Jamaica Journal*, 29: 3 (March 2006):14-21.
- * "Dis Slackness Ting: A Review of Dichotomizing Narratives in Jamaican Dancehall." Cultural Studies Initiative special issue, *Caribbean Quarterly*, 51: 3&4, (Sept-Dec. 2005): 55-76.

Mr. Jalani Niaah.

- * "Sensitive Scholarship: A Review of Rastafari Literatures." *Caribbean Quarterly* Vol. 51, 3&4, (Sept-Dec. 2005): 11-34.
- * "Absent Father(s), Garvey's Scattered Children and the Back to Africa Movement," *Negotiating Modernity, Africa's Ambivalent Experience*; ed. by Elisio Salvado Macamo: CODESRIA Africa in the New Millennium series, ZED Publishers 2005, pp. 19-43.

Non-refereed:

Dr. Sonjah Stanley-Niaah

- * "Dancehall: Celebrating 20 years in 2K5." *Buzz: Caribbean Lifestyle Magazine*, Vol. 2 #1, July - August 2005.

INCOME GENERATION

- The ICS continues to benefit from sale of the FD11A course readers: *Journeying After Arrival* volumes one and two. To date the Institute has earned over one million dollars (\$1,000,000+) from sale of these texts, AR600 course packs, and course packs and articles for the Rastafari Studies courses.

- Seventy-Five U.S. (US\$75.00) dollars were given to the Institute by the University of Minnesota as a contribution towards the book launch of Thomas Glave.
- A grant of One Hundred Thousand dollars (\$100,000.00) was received from the Bob Marley Foundation to assist with funeral expenses for the late ICS Research Fellow, Mr. Mortimo Planno in March 2006.

PUBLIC SERVICE

Dr. Sonjah Stanley Niaah

- Associate Editor, *Wadabagei*
- Advisor, Jamaican Music Museum development project committee, Institute of Jamaica

Mr. Cecil Gutzmore

- Member, African Caribbean Institute of Jamaica (ACIJ) Board appointed by the Minister of Youth and Culture

CATEGORIES OF STUDENTS

Undergraduate:

The interest in Cultural Studies and the number of students registered in courses grew significantly in the 2005-2006 Academic year. The Institute introduced a minor in Rastafari Studies comprising one existing course and four new ones:

- AR25R – The Culture of Rastafari (existing)
- AR20R – Introduction to Caribbean Folk Philosophy
- AR20X – Modern Ethiopianism, Theory and Practice
- AR35R – Rastafari in the Global Context
- AR333 – Reggae Aesthetics and the Dialogue of African Diasporan Resistance [year-long]

Two new courses were introduced in the minor in Cultural Studies:

- AR35A – Discourses in Cultural Studies

AR25S – Deconstructing the Culture of Sports (not taught because of low registration)

The Institute continues to grow as a research centre for UWI students and foreign affiliates.

Course registrations are as follows:

Course Code	Course Title	Semester	Registration
FD11A	Caribbean Civilisation	1	886
AR25A	Introduction to Caribbean Cultural Studies	1	50
AR25R	The Culture of Rastafari	1	45
AR20R	Introduction to Caribbean Folk Philosophy	1	16
FD11A	Caribbean Civilisation	2	1203
AR25F	Caribbean Films and Their Fictions	2	38
AR25X	African Religious Retentions in the Caribbean	2	53
AR35A	Discourses in Cultural Studies	2	14
AR35R	Rastafari in the Global Context	2	17
AR333	Reggae Aesthetics and African Diasporan Resistance	1 & 2	5
FD11A	Caribbean Civilisation	3	102
AR25R	The Culture of Rastafari	3	26

Postgraduate:

There were fifty-six (56) students registered in the graduate programme in Cultural Studies. Fifteen (15) new students enrolled in the 2005-2006 academic year, five (5) of whom entered the Ph.D. programme - two (2) full-time and three (3) part-time. Ten (10) entered the M.Phil. programme – four (4) full-time and six (6) part-time.

Mr. Jalani Niaah successfully defended his Ph.D. thesis and became the second Ph.D student to graduate from the Cultural Studies programme since its inception in 1998. Ms Vivienne Pitter, who submitted her M.Phil. dissertation in 2004, was successful in her examination and is the second M.Phil student to have graduated.

The total number of students registered in the graduate programme far exceeds the Institute's capacity to provide appropriate supervision of research. The Director proposed that acceptance of students into the

programme be suspended for a year in order to consolidate resources: Students currently enrolled would be guided to completion of their programme of study; and the graduate programme could be restructured, in anticipation of the introduction of the Diploma and MA programmes in Cultural Studies.

The Graduate Retreat was held on the weekend of November 18, 2005 at Bellevue House. Students presented seminar papers and discussed matters pertaining to the programme. A Graduate Social, held on February 17, 2006, provided another opportunity for students to discuss a wide range of issues such as supervision of research and the requirements for completing their programme. It was agreed that each student would meet with the Course Co-ordinator and the Director to address her/his particular concerns. These meetings took place in May.

Course Registrations

Course Code	Course Title	Semester	Registration
AR600	Graduate Colloquium in Cultural Studies	1 & 2	20

PAPERS PRESENTED

BY GRADUATE STUDENTS IN CULTURAL STUDIES

Mr. Peter Harding

- “Theological Reflections: Violence and the Christian Perspective,” The Whole Person Resources Centre (WPRC) Conference on Violence, November 12, 2005, Social Welfare Training Centre, UWI, Mona
- “Values and Norms Within Sub-Cultures: A Cultural Studies Perspective, The Jamaican Experience,” Conference in honour of Professor Barry Chevannes, January 19-21, 2006, UWI, Mona.
- “Where are the Jamaican Youth and What Are They Doing?” 156th General Assembly of the Jamaica Baptist Union Mission to Youth, February 22-26, 2006, Boulevard Baptist Church, Kingston

Miss Karen Levy

- “Male Domination in Jamaican Dancehall,” Association of Cultural Studies Conference, Istanbul, Turkey, July 20-23, 2006.

Miss Mitzie Reid

- “Inserting/Asserting the Folk Way as the Viable Alternative: the Submerged/Emerging Pathway in the Works of Kamau Brathwaite,” the 25th Annual Conference on West Indian Literature, March 2-4, 2006, UWI, St. Augustine.

THE REGGAE STUDIES UNIT

WORK OF THE UNIT

Given the added responsibilities of the current Co-ordinator of the Reggae Studies Unit, Professor Carolyn Cooper, as Director of the Institute of Caribbean Studies, there was an inevitable shift of emphasis. Nevertheless, Professor Cooper ensured that work in Reggae Studies was advanced. Mr. Miguel Williams, who received a departmental award in Cultural Studies, was assigned the task of developing an annotated bibliography of the RSU audiotaped lectures housed in the the Radio Education Unit, in collaboration with the Staff Tutor, Miss June Barbour.

Teaching

The level II course, E27D – Reggae Poetry, designed by Professor Cooper, was offered for the first time in the second semester of the 2005-2006 academic year by the Department of Literatures in English. Fifty-five (55) students registered for the course. Prof. Cooper was ably assisted by Ms Tanya Shirley who tutored in the course. Guest lectures were given by Dr. Nadi Edwards, Mr. Cecil Gutzmore and Mr. Jalani Niaah. The popularity of Reggae Poetry confirms the fact that there is a ready market for courses that speak to our students cultural reality. Though taught in the Department of Literatures in English, this course should clearly be cross-listed as one that can be applied to the Minor in Cultural Studies.

Work was also advanced on the undergraduate degree programme in Entertainment and Cultural Enterprise Management, spearheaded by Mr. Kam-Au Amen. This innovative programme will certainly enhance the profile of the Reggae Studies Unit as a leader in multi-disciplinary research and teaching.

INCOME GENERATION

The Reggae Studies Unit was awarded a grant of \$1,000,000.00 from the CHASE fund to assist in hosting a conference on “Global Reggae:

Branding Jamaican Popular Culture Internationally.” The conference, proposed for January 2007 as the third Conference on Caribbean Culture, had to be postponed because of inadequate funding.

INTERNATIONAL CENTRE FOR ENVIRONMENTAL AND NUCLEAR SCIENCES (ICENS)

**Professor the Hon. Gerald C. Lalor, OJ, CD, MSc *Lond-UCWI*,
PhD *Lond.* – Director General**

WORK OF THE CENTRE



During this period ICENS continued to develop and strengthen partner- ships locally and overseas with the establishment of new working linkages with the Ministries of: Health, Agriculture, Commerce Science and Technology; the Rural and Physical Planning Agency; the Caribbean Food and Nutrition Institute (CFNI), the Caribbean Research and Development Institution (CARDI); the Federal University of Mato Grosso, Brazil; and Instituto Nacional de Investigaciones Nucleares (ININ), Mexico.

Members of the US Department of Energy visited ICENS for discussions on nuclear safety and security and agreed a mechanism for the return of the present high enrichment core to the US under the auspices of the International Atomic Energy Agency in exchange for a low enrichment core. Funding of the order of US\$1,000,000 will be provided.

A distinguished scientific team, Professor Iain Thornton, Professor Jerome Nriagu, and Professor J. David Robertson, from Imperial College London, the University of Michigan, and the Research Reactor Center of the University of Missouri respectively, reviewed the Centre's performance to date. The team concluded in summary that:

“Scientists at ICENS have achieved a considerable amount of original and innovative work, mastered crucial areas of high technology and information technology which have been used to highlight areas of research, hitherto neglected in Jamaica, especially in the development of a thorough understanding of the geochemistry of the local environment and its effects on human health. The Center remains an exemplary institution for the

Caribbean countries that is, and should continue to be, regarded as a crown jewel for science in the CARICOM states. Investments in the human resource and infrastructure of ICENS will yield enormous returns in the sustainable development of Jamaica.”

The Team produced a number of valuable recommendations which have been referred to its Board of Directors and will form a basis for certain discussions with the government of Jamaica.

Research

The main research programmes continue to concentrate on the presence of potentially toxic elements, especially cadmium and lead in Jamaican soils and the actual and potential effects on agriculture, the economy and human health. The understanding of food elemental composition is an important step in this.

Cadmium

The emphasis is now on examining the soil > food > human chain. Dietary intakes and concentrations of cadmium in foods are being measured to compare with health biomarkers, and mortality data. There are hints that cadmium may be affecting human health in Jamaica but it appears not to be a first order effect.

Additional food data obtained are serving as the core of a new project on the elemental composition of Jamaican foods.

Lead

An island-wide study completed this year identified 230 children, of a sample of 1081, with blood lead levels above 10 µg/dL, the current accepted limit. Of these, 80 were provided with medical attention. Four were desperately ill from acute lead poisoning necessitating courses of repeated sessions of chelation therapy. Remedial health, environmental and educational interventions were also carried out.

Lead poisoning in Jamaica is a problem of the poor. The most important source of lead exposure for children is the recovery of lead from old automobile batteries and the extent of contamination from even a single smelter can be surprisingly large. Work is continuing on inner city areas for which there is already information of a high intensity of lead smelting in the past leading in some locations to extreme contamination.

ICENS' Databases

As a result of its research and data gathering, ICENS databases are growing rapidly. There are now well over 250,000 analytical data entries on over 15,000 samples of soils, rocks, surface and ground water, stream sediments, air particulates, food, blood, animal and human kidney and liver tissues. The data are complimented by the satellite imagery, and geographically referenced information on topography, climate, vegetation, land use, geology, mineral deposits, and plant productivity.

Techniques are being developed to utilize Google Earth spatial viewing to allow overlays and visual links between the various data sets.

Centre Objectives for 2006 – 2007

The main objectives for 2006-2007 are to:

- Identify a suitable replacement for the present DG, who retires in 2008, to allow a suitable transition period.
- Complete the formalities of the transformation to the International Centre for Environmental and Nuclear Sciences.
- Expand and strengthen the ICENS databases and information systems.
- Increase the number and upgrade the skills and competence of staff.
- Establish new and strengthen existing collaborative linkages with local, regional and international institutions and with eminent individuals in related fields.
- Increase the availability of data to stakeholders and the public.
- Increase public awareness in science and technology.
- Advance research and development projects in, inter alia:
 - The elemental composition of Jamaican foods;
 - The health effects of cadmium, lead and other heavy metals in Jamaican soils;
 - Soil-food elemental transfer processes and the socio-economic and health consequences thereof;
 - The effect of lead smelting on the health of children;

Trace elements in the human body;

Essential element deficiencies in agricultural crops and animals.

ICENS undertook cooperative research activities with other Departments such as the Department of Sociology, Psychology and Social Work, the Health Centre and the Faculty of Medicine, to explore new research themes for health and poverty alleviation that increase its socio-economic impact and to better link its own research activities with those of other collaborators.

Teaching

Although some members of the Academic staff participate in teaching programmes, ICENS does not offer formal teaching programmes except for a few topics mainly for Applied Chemistry in the undergraduate and graduate programmes using Neutron Activation Analysis and X-ray Fluorescence techniques.

Training

Various staff members attended workshops/training sessions/ seminars. These included visits to Siebersdorf Laboratories in Vienna; and a two-week training program in the Analytical Lab at Brandon Agricultural Research Center, Manitoba Canada.

PAPERS PRESENTED

- **G.C. Lalor**, “Potential Toxicity of Elements in Soils and Foods in Jamaica”. The Mike D’Silva Memorial Lecture, Medical Association of Jamaica, Kingston, June 2006.
- **M. Vutchkov, G. Lalor** and **S. Bryan**, “Mitigation of Lead Hazards in Lead Mining and Smelting Communities” Annual Science Symposium, Northern Caribbean University, Mandeville, April 2006.
- **Vaughn Rattray**, “Current Research at ICENS”, 9th Meeting of the Coordinating Council of the Commission on Science and Technology for Sustainable Development in the South (COMSATS), Amman, Jordan, March 2006.
- **Mitko Vutchkov** and **Gillian Guthrie**, “Mercury in Jamaica” CEC-Americas Workshop to Reduce Mercury Use in Products,

American Commission for Environmental Cooperation, Merida, Mexico, February 2006.

- **Mitko Vutchkov** and **Gerald Lalor**. “Applications of the Nuclear Methods in Medical Geology” 50th Anniversary Geological Conference, Geological Society of Jamaica, December 2005.
- **Mitko Vutchkov** and **Gerald Lalor**, “Nuclear Energy and the Environment”, 19th Annual Conference on Science & Technology, Kingston, November 2005.
- **Charles Grant**, **Gerald Lalor** and **Mitko Vutchkov**, “Neutron Activation Analysis and its application to agricultural, environmental and health programs in Jamaica” National Nuclear Research Institute, Mexico, October 2005.

PUBLICATIONS

- * **P. Allsworth-Jones, G. Lalor, G. Lechles, S.F. Mitchell, E.Z. Rodriques, M. Vutchkov** The Taino Settlement of the Kingston Area The Earliest Inhabitants: The Dynamics of the Jamaican Taino. Edited by Lesley-Gail Atkinson, 2006, University Press
- * **C.N. Grant, G.C. Lalor, M.K. Vutchkov**, 2005. A Comparison of Bauxites from Jamaica, the Dominican Republic and Suriname, *Journal of Radioanalytical and Nuclear Chemistry*. Vol 266 No. 3, 385-388.

INCOME GENERATION

The major research grants were:

IDRC: 2004 – 2007. Ecohealth Consequences of Heavy metals in Jamaica. (CAD)\$480,000.

IAEA: 2007 - 2008 “The Application of Nuclear Techniques to Food Safety and Health in Jamaica”. (US)\$150,000.

CHASE Fund: 2006 - 2007 “The Health implications and interventions in communities associated with lead acid battery smelting and recycling”. J\$4 Million.

BNS Foundation: Funding to support a replacement for the retiring Director – General. J\$25,000,000.

PUBLIC SERVICE

Professor Gerald Lalor

- Honorary Chairman, Gleaner Company;
- Director, Insurance Company of the West Indies Group;
- Member of: the Board of Governors of the ICWI Group Foundation;
- Member, National Commission for Science and Technology (NCST);
- Member, Technical Committee of the Scientific Research Council.
- Member, Editorial Boards, Environmental Geochemistry & Health;
- Member, Jamaica Journal of Science & Technology;
- Member, The Science of the Total Environment;
- Member, Regional Editor Revista Latino-Americano Quimica.
- Member, Jamaica Government representative to UNEP Lead Cadmium Working Group.

Dr. Robin Ratray

- Member, Air and Water Quality Subcommittees, National Environment and Planning Agency.
- Recording Secretary, Laboratories Association of Jamaica.
- Member, Lions Club of Mona.

Dr. Mitko Vutchkov

- Member, Product Research & Development Committee, Scientific Research Council.
- Council Member, Jamaican Society of Scientists and Technologists (JSST)

Dr. Gladstone Taylor

- Member, Executive Council, Inter-American Institute for Global Change Research.

Mr. John Preston

- Member, Land Information Council of Jamaica
- Member, Telecommunications Appeals Tribunal.

Mrs. Joan Thomas

- Member, Radiation Protection Advisory Committee of Jamaica.
- Member, Inner Wheel Club of Kingston.

STUDENT MATTERS

Summer employment was reduced this year due to lack of funding. Only two students were employed, one as is usual in the Chemistry Department's Work Study Programme and a computer science graduate student.

MONA SCHOOL OF BUSINESS

Professor Neville Ying – Executive Director

WORK OF THE SCHOOL



Great attention was given during the academic year 2005-2006 to the personal development of our students. Consequently our curriculum development process focused on the design of special “Soft Skill” courses to address areas such as communication skills, business etiquette as well as action and service learning.

The MSB continued to respond to the time demands of students pursuing our programmes of study through the introduction of a Saturday and Sunday option. With this addition, students now have the option of attending classes every day of the week.

A significant addition to the MSB this year was the new Telecommunications Policy and Management Unit. This Unit will have as its core activities policy oriented research as well as courses of study at the graduate level in the areas of Information and Communication Technologies, Telecommunications, and Information Systems.

The School conducted groundbreaking Research on Family and Women Owned Businesses in Jamaica and joined again with the Private Sector Organization of Jamaica to conduct the Executive Opinion Survey of Jamaica’s leading firms. This is part of a worldwide study on Competitiveness done in association with Harvard University and the World Economic Forum.

STUDENT & PROGRAMME AFFAIRS

Responsiveness to Student Needs

Curriculum Development

As an integral part of our quality improvement process for our programmes, we continued curriculum development to ensure that our programmes and services respond effectively to changes in the business environment as well as the changing needs of students and employers.

As a result of this process changes were made and **Personal Development Electives** were added. We have also added a Graduate Mathematics for Management Education course and redesigned our Foundation for Graduate Management Education course to give a greater focus to the improvement of communication skills.

Scholarships

In its second year, the *The Scotiabank Foundation / Sir Alister McIntyre Scholarship* 2005 was awarded to Dinesh Williams. The *Gordon Draper Memorial Scholarship* (in honour of the late Gordon Draper, a member of our staff) was awarded to Miss Kareen Henlon.

For 2006, *The Scotiabank Foundation / Sir Alister McIntyre Scholarship* was awarded to Miss Nicola Green. MSB continued its own support to students this year with the award of a scholarship to outstanding student and National Representative in Netball, Miss Simone Forbes. The Kenneth Hall Scholarship was the School's way of recognizing the appointment of former Mona Campus Principal and Board Chairman, Professor the Hon Kenneth O. Hall, ON, OJ to the Office of Governor General of Jamaica.

Quality Assurance

External Examiners Meetings

The External Examiners are from overseas Business Schools with which MSB has had established institutional relationships. The examiners' meetings which formally assess students' performance and declare those eligible for graduation, were completed in September 2005.

MSB Annual Awards Ceremony 2005

The Annual MSB Awards Ceremony in November of each year is the special event for the graduating class of Diploma in Business Administration students and Special Awards for persons who did exceptionally well in the EMBA and MBA graduating class of 2005.

The guest speaker was Dr Eva Lewis Fuller, an EMBA, Cohort 12 graduate of the Mona School of Business who is the Director for Cooperation in Health, International Health & Policy Analyst and Coordinator of the National Tobacco Control Programme, Ministry of Health.

Graduating Class

The EMBA/MBA graduating class of 2005 had one hundred and twenty-four (124) MSB students, with a total of nine (9) distinctions. In addition, there were forty-seven (47) students graduating from the Diploma in Business Administration and twelve (12) students graduating with certificates for completion of the Summer Electives Programme.

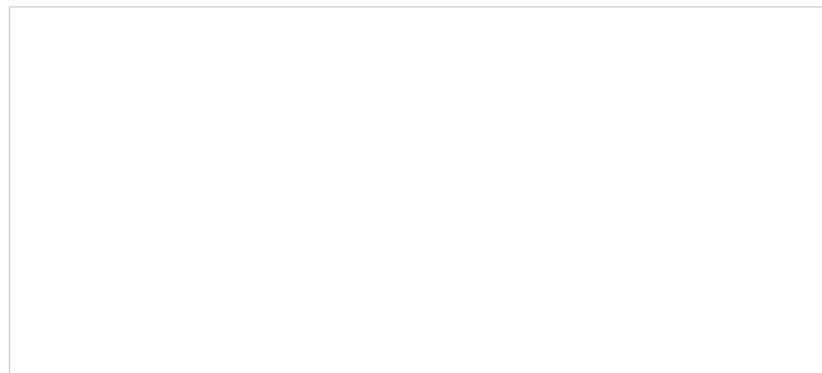
The prestigious award for Most Outstanding Academic Performance - The Executive Director's Award was presented to Roger Yee – EMBA and The Principal's Award for Leadership was presented to Emma Thomas – EMBA; Roger Jordan - MBA full-time and Trecia Mullings - MBA part-time.

Breakdown of Graduates according to Concentrations (MBA Students_only)

Diploma in Business Administration

During the year under review, ninety-four (94) students were enrolled in this programme. Cohort 6 - forty- two (42) students and cohort 7 - fifty-two (52) students.

Finalizing Students



A total of 171 students proceeded to the final phase of their programmes during the period under review.

SPECIAL EVENTS

MSB Open House

The Annual Open House Day for the academic year 2005/06 was held at the School on January 16, 2006. One hundred and twenty-three (123) persons accepted the School's invitation. Attendees were taken on tours of the Alister McIntyre complex and were introduced to faculty and staff and listened to lively presentations on the University, MSB and the potential academic and practical gains possible as a result of studying at MSB. Representatives from several Financial Institutions offering educational loan services also participated in the day's activities.

MSB's Alumni

An initial activity for 2006 - "*Yaad Nite*" occurred on June 17, 2006 on the School's grounds. "*Yaad Nite*" brought together graduates and present students. The event was well supported and it is anticipated that with subsequent events in the pipeline, the word will spread to all other alumni.

Unveiling Mobile Health Clinic

On June 21, 2006 the Mona School of Business through the auspices of the Ambassador to the USA, Professor Gordon Shirley, facilitated and hosted the unveiling of a Mobile Health Clinic to the Government of Jamaica.

The Mobile Health Clinic was donated by the Vincent HoSang Family Foundation in the USA to the Organization for International Development (O.I.D.), USA as part of its contribution to access persons in poor communities in Jamaica. The mobile health clinic is fully equipped with state of the art dental and medical equipment. This donation to the health sector by Vincent HoSang through O.I.D. is a further demonstration of his commitment to Jamaica, having previously contributed to the sports and education sectors.

SPECIAL AWARDS AND ACHIEVEMENTS

Staff Achievements

Mrs Frances Coke, Senior Teaching Fellow and Director of Programmes was awarded the Kingston College Distinguished Alumni Award by the

Kingston College Old Boys Association, New York Chapter for outstanding service in the area of teaching English Language & Literature at Kingston College for most of the decade of the 1970s. This award was presented to her on May 13, 2006, in New York, USA.

Student Achievement

Miss Jamaica Festival Queen 2006

The Mona School of Business is proud to acknowledge and congratulate the 2006 Miss Jamaica Festival Queen who is our own MBA, part time final year student, *Miss Kaysia Johnson*, who's concentration is Marketing Management.

NEW INITIATIVES

There were six (6) new initiatives on which work was done:

Telecommunications Policy and Management Programme

The Telecommunications Policy and Management (TPM) Programme of the Mona School of Business (MSB) was established in the 2005-2006 academic year as a strategic unit dedicated to policy and technology research and teaching in the areas of Information and Communication Technologies (ICTs). In particular, it is designed to address the need for research, training and education in the expanding, competitive telecommunications services in the Caribbean region and globally.

Digicel Foundation Chair

At the start of the academic year, the UWI announced that the Digicel Foundation had taken the important step of approving substantial financial resources to support the establishment of a Chair in Telecommunications Policy and Management to lead the proposed TPM Programme. In making this contribution to the University, the Digicel Foundation has enabled the establishment of the first programme of its kind dedicated to industry policy analysis, new technologies and capacity building.

Dr. Hopeton Dunn, a leading regional specialist in telecommunications policy, management and regulation, was appointed Director and Chair of the TPM Programme.

TPM Named to ITU's Caribbean Centre of Excellence

At the close of the period under review, the TPM Programme was delighted to accept an invitation to become part of the Caribbean Centre of Excellence of the Geneva-based International Telecommunications Union (ITU). The TPM Programme was recommended by the CTU for designation as one of the Caribbean Nodes of the ITU Centre of Excellence (ICENS).

Executive Development Series

The first activity under this series was the THINK TANK for key decision makers in the Government, Public and Private Sectors. For the first time, the Mona School of Business hosted a THINK TANK Conference which was held November 11-13, 2005 at the Ritz Carlton Hotel & Spa Resort, Montego Bay. The THINK TANK was an initiative that was re-started by the Mona School of Business.

THINK TANK 2005 explored the critical success factors which would affect Jamaica's economic development in the short and medium term. The major areas covered were Economic Policy, Education and Crime.

The **output** of the THINK TANK was a CD of the presentations and discussions emanating from the conference.

Doctorate in Business Administration (DBA)

The Mona School of Business (MSB), Jamaica, the Cave Hill School of Business (CHSB), Barbados and the Arthur Lok Jack Graduate School of Business (ALJGSB), Trinidad, are collaborating on the development of a new post graduate academic programme - the Doctorate of Business Administration (DBA). Professor Edwin Jones, Professor Neville Ying, Professor Evan Duggan, Mrs Sandy Alvaranga and Mrs Olivene Burke are spearheading the development of this programme on behalf of the MSB.

Graduate Courses in Energy Management and Policy

The objective of this UNDP funded project is to provide graduate students with knowledge of the technological, environmental, socio-economical, managerial, political and policy dimensions of energy generation, distribution, and general services provision. The courses will offer students an opportunity to combine study in business and energy with a focus on Small Island Developing States (SIDS) and their special case for both environment and development.

The Mona School of Business is coordinating the project with collaboration from the Cave Hill Campus.

Jamaica Diaspora Institute

A Business Plan was developed and discussed with the Ministry of Foreign Affairs and Foreign Trade with the aim of establishing a *Jamaica Diaspora Institute* which would be integrally linked with the Jamaica Diaspora Foundation which is being established.

Caribbean Integration Unit

Research and publications continued in the area of Caribbean Integration under the leadership of the Chairman of the MSB, Professor the Hon Kenneth O. Hall. Integration of this area of work into the activities of MSB will be done under the Caribbean Integration Unit.

Labour Studies Programme

The Labour Studies Programme is related to the Chair for Labour Studies sponsored by three private sector companies: Kaiser Jamaica Operations, Shipping Association of Jamaica, and Cable and Wireless Jamaica Ltd.

The Labour Studies Unit continued with the consolidation of the existing projects related to **Education and Training, Research and Publications** and **Institutional Development**. The major activities for the period 2005 - 2006 were as follows:

- Hosted the ILO Nobel Peace prize Lecture Series in collaboration with the International Institute for Labor Studies (IILS), ILO Geneva
- Partnered with the Disputes Resolution Foundation to host the 3rd Caribbean Conference on Dispute Resolution
- Participated in an UNDP sponsored project to develop a Graduate course in Energy Management and Policy
- Coordinated a Market Survey for the Mona School of Business
- Research and Publication

Occupational and Environmental Safety and Health

Development work for graduate programmes in Occupational and Environmental Safety and Health continued. The project for developing

these programmes involves three faculties: Pure and Applied Sciences, Medical Sciences and Social Sciences (Labour Studies Programme). The project is jointly managed by Professor I. Kahwa, Professor N. Ying and Mr. M. Pinnock.

Research & Policy Group (RPG)

An integral and important component of the work of the RPG Group is the organization of seminars, symposia, conferences and policy proposals using research data. There are two outcomes that result from these activities, namely academic publications and research policy guidelines.

Tertiary Education Policy

Ms Rheima Holding - Senior Alister McIntyre RPG Fellow

In the 2005-2006 year, the Tertiary Education Unit of the Research and Policy Group continued to be engaged in a number of activities which focused on consolidating existing projects/programmes while others saw the Unit going into new ventures.

Reports on Higher Education

- **National Report on Higher Education in Jamaica**
- **Draft Report on Higher Education in the Caribbean**

Book Launch

The following book launches occurred during the year under review.

- Launch of the book *“Political Leadership Forum 2005: Jamaica the Way Forward”* a joint publication of the Mona School of Business, Sir Arthur Lewis Institute of Social and Economic Studies and the Department of Government. The book was launched by Professor the Hon Rex Nnettleford, Vice Chancellor Emeritus.
- Launch of the book *“From Garvey to Marley”* by Professor Noel Erskine. This launch was hosted by the Office of the Principal, Mona Campus with coordinated provided by the Unit. The book was launched by Professor Rupert Lewis, Lecturer, Department of Government.

Financial Sector Restructuring

Mr Boswell Ivey - Alister McIntyre RPG Fellow & Senior Lecturer in Marketing Management

MBA Programme Enhancement

As part of the on-going curriculum improvement process, research has been done through interviews with local business entrepreneurs to get their practical involvement in the development of some *Jamaican Business Cases*. This data in Marketing is being collected for the preparation of two Marketing Cases as part of the MBA programme courses.

Media and Public Policy

Mr Claude Robinson - Alister McIntyre RPG Fellow & Senior Lecturer in Communications

During the period under review, the focus was centered around continued research in the areas of media and violence; freedom of the press and defamation laws; and the future of public service broadcasting in the Caribbean. Consultations were held with the Ministry of Information on the development of a new coding system for rating movies and television programmes in Jamaica.

MSB Consultancy

Kirk Distributors Limited

Kirk Distributors Limited (formerly Colgate) requested the School to conduct a customized Training Needs Analysis/ Performance Management Training Programme for its senior management staff. This programme was designed and executed by Mrs Frances Coke, Academic Director.

National Housing Trust (NHT)

The School is currently conducting a customized training programme for the professional staff of the NHT in Business and Social Research/ Data Analysis. Mr Kamau Chionesu is the faculty member who is coordinating this programme.

Conferences / Symposia / Special Lectures

During the year under review the School hosted or partnered with the private /public sectors for the following conferences / symposia/ special lectures:

Mona Academic Conference 2005

- Post-Tunis Public Policy Seminar
- 2nd Annual World Telecommunication Day Symposium
- 7th Nobel Peace Prize Social Policy Lectures of the ILO
- 3rd Caribbean Conference on Dispute Resolution
- **Research**

TPM Research

Telework - The Programme is working along with the Department of Management Studies on the Canadian International Development Research Centre (IDRC) sponsored research project on the opportunities and challenges for the Caribbean of Telework.

Mobile Phone Usage - TPM is also involved in a research project to determine patterns of mobile telephone usage across gender groups, different age ranges and social strata in Latin America and the Caribbean. This is being done through its association with the World Dialogue on Regulation (DIRSI).

Revising Jamaica's ICT Strategy – The Programme is currently contracted to complete a Revision and Update of the National Information and Communication Technology Strategic Plan being implemented by the Central Information Technology Office (CITO) of Jamaica's Technology Ministry.

Caribbean Regulatory Research Centre (CRRC) – TPM is working closely with Organization of Caribbean Utilities Regulators (OOCUR) to conduct an industry Needs Analysis, as well as the bibliographical data-gathering and sample course design for the Telecommunications component of the planned CRRC.

Labour Studies Programme

Research continued on the study on *Labour Administration: Strategic response to Transformational Forces: Case Study of the Ministry of Labour and Social Security, Jamaica*. This case is being developed in collaboration with

Professor Richard Phidd, former Professor at the University of Guelph, Canada.

Supervision of Research Studies for PhD/ Masters Degree Programmes

Professor Neville Ying served as examiner/supervisor for research work done by three (3) students for PhD/ Masters degrees dealing in Human Resource Management in the public and private sectors and Business Ethics:

Sponsored Research Projects / Surveys

WEF Executive Opinion Survey

The School joined again with the Private Sector Organization of Jamaica in conducting the annual Executive Opinion Survey of Jamaica's leading firms from the major sectors of the economy. The study which is widely seen as the world's leading cross-country comparison of issues relating to economic competitiveness and growth is conducted in association with Harvard University and the World Economic Forum (WEF). Data from Jamaica and approximately one hundred and ten (110) other countries are used to rank countries on two complementary but separate indices: (i) the *Growth Competitiveness Index* (ii) the *Business Competitiveness Index*. This project is coordinated by Ms Patricia Douce and Ms Michelle Tomlinson

Family and Women-Owned Businesses

MSB, in partnership with the Women Business Owners of Jamaica, Jamaica Chamber of Commerce (the Conference Board), Scotiabank of Jamaica and USAID, had undertaken an island-wide survey of family and women-owned businesses in Jamaica. The objective of this study was to determine their characteristics, needs and contribution of these businesses to the national economy.

The final report on the Family-Owned and Women-Owned Business Survey was presented in May 2006. One of the implications from the survey will be the development of a course (eventually a programme) in Family-Owned and Women-Owned Businesses as part of the course offerings at MSB. A research paper on the complexion of Family-Owned and Women-Owned Businesses in Jamaica is currently in the final stages of completion. This project was coordinated by faculty members Dr Maxine Garvey and Dr Lawrence Nicholson.

Research in Yield Management

A proposal to conduct research among the hotels in Jamaica in the area of Yield Management was funded by the Office of the Principal, Mona Campus. This research project is being done in collaboration with Dr. Noel Reynolds and Mrs. Joan Thomas-Stone from the Department of Management Studies. This research is being done by faculty member Dr Lawrence Nicholson

Dissertation Research Project

A dissertation research project on the subject of Social Scientific Method and Economic Development Entitled- *“Science, Economic Method & Development: A Critical Analysis of Economics Education as a Tool for Understanding, Facilitating & Managing Economic Development”* is currently being prepared. This research project is being conducted by Mr Kamau Chionesu.

MSB Market Survey

The Mona School of Business undertook a project for an assessment of existing training, educational and consultancy needs in corporate Jamaica and the public sector. Following are some highlights from the findings of the survey conducted in 2006:

- The top three MSB services that respondents indicated that they would be very interested in utilizing are Customized Training, Short Executive Programmes, and the MBA On-line Programme
- There is a market for Customized Training/Executive Programmes especially in the areas of Project Management, the Art of Public Speaking, Critical Thinking and Writing for Professionals.
- For training and consulting programmes and services there is interest in MSB offering the following: Customer Service, Leadership Development and Supervisory Management.
- Project Management, Operations & Supply Chain Management and Banking & Finance were the top three specialized areas in an

On-line MBA Programme that respondents believed would be of benefit to their company.

Entrepreneurial Development Activities

UWI Venture Challenge Competition

The winning team for 2006, **'Fun Source'** made their presentation at the 6th Opportunity Funding Corporation Venture Competition in Atlanta, USA in April 2006, where they placed 3rd out of 20 entrants, one below our placing last year.

This team currently is being developed under the Vincent HoSang Programme as some sponsors have expressed a desire to start the company.

Mr Anthony Barnes and Mr Harry Abrikian are the Faculty Advisors for this project with coordination by Ms Michelle Tomlinson.

Vincent HoSang Programme

This programme continues with five projects in incubation, four projects carried over from 2004/05 along with 'Fun Source', the winner of the UWIVC competition for 2006 which placed 3rd in the OFC Business Plan Competition at Clark Atlanta University, USA this year.

In October 2005 the above mentioned projects were presented at an *"Investor's Round"* where the groups were exposed to potential financial backers from the private sector.

Since its inception in November 2002, some twenty seven (27) projects have been evaluated and processed through the programme.

Mr Anthony Barnes is the Faculty Advisor for this project with coordination by Ms Michelle Tomlinson.

Entrepreneur- in-Residence Programme

The Honourable Karl Hendrickson, OJ, CD

This project under the guidance of the Honourable Karl Hendrickson seeks to improve the organization of small farmers in the supply chain.

We continue to pursue the formalization of the supply chain between produce farmers, produce distributors and a supermarket chain as the model to work with.

Mr Anthony Barnes is the Faculty Advisor for this project with coordination by Ms Michelle Tomlinson.

PAPERS PRESENTED

Burke, O & Bennett-Lewis, I.

- “Managing Problem Employees: ADR Strategies for the Workplace”. 3rd Caribbean Conference on Dispute Resolution, Half Moon Hotel, May 24-27, 2006.

Chionesu, K.

- “The Metaphysics of Formal Logic”. Departmental Seminar, Department of Language, Linguistics & Philosophy, UWI, Mona, October 2005.
- “Formal Logic and Explanation in Social Science”. Departmental seminar, Mona School of Business, UWI, Mona, November 2005.
- “Comments: Public and Private Governance: Are We at a Turning Point?” ILO Nobel Peace prize Social Policy Lecture Series, Mona School of Business, December 2005.
- “Uniqueness and Scientific Explanation: Can There Be A Caribbean Way of Knowing?” Conference in Honour of Professor Barry Chevannes, UWI, Mona, January 2006.
- “Does The CSME Make Sense in the Context of Economic Globalisation?” Mona Association of Post-Graduate Students Conference, UWI, Mona, February 2006
- “Identity and Explanation: Can There Be A Caribbean Way of Knowing?” Departmental Seminar, Department of Language, Linguistics and Philosophy, UWI, Mona, March 2006.
- “The CSME, Competitiveness and ICT: Is Regional Regulatory Cooperation an Enabler?” World Telecom- munications Day Symposium, May 2006.
- “Explanatory Strategies in Social Science: Mentalism, Quantification & Formalism”. Graduate Research Symposium,

Department of Language, Linguistics & Philosophy, UWI, Mona,
May, 2006.

Dunn, H.

- “Global Telecommunication Trends”. Dehring, Bunting and Golding Investors’ Briefing, Kingston, February 22, 2006
- “WSIS – Post-Tunis Issues: ICT Policy Challenges and Opportunities”. WSIS Forum for Faculty and Final Year Students, University of Technology, Kingston, March 15, 2006
- “Mobile and Fibre Network Development in Jamaica”. DIRSI Workshop, Santiago, Chile, April 18, 2006.
- “The Impact of Media and Technology on Philanthropy”. UWI Development and Endowment Fund Conference on Caribbean Philanthropy, Rose Hall, Montego Bay, Jamaica, May 3, 2006.
- “ICTs for Caribbean Integration: Opportunities & Challenges”. 2nd Annual World Telecommunication Day Symposium, Hilton Kingston Hotel, Jamaica, May 17, 2006.
- “Emerging Trends: Mobile Advertising and Digital Mobile Broadcasting” Association of Advertising Agencies of Jamaica (AAAJ) Media Awards Ceremony, Jamaica Pegasus Hotel, Kingston, June 20, 2006.
- “Development Issues and ICT Policy Challenges and Opportunities in the Post Tunis Environment”. 25th Annual Conference of the International Association for Media and Communication Research (IAMCR), Cairo, Egypt, July 21–28, 2006.
- “The Telegraph and Anglo-American Empire Building: Establishing the Early Caribbean Cable Networks, 1857-1924”. International Association for Media and Communication Research (IAMCR) Conference, Cairo, Egypt, July 21-28, 2006

Ivey, B.

- “The Role of Marketing Function in Service Business”. Bank of Nova Scotia, Kingston, August 2005.

Nicholson, L

- “Yield Management” 2006 International Reservations, Revenue & Rooms Division Managers Conference by the Leading Hotels

of the World Ltd., Westgate Hotel, San Diego, California, January 2006,

Robinson, C.

- “Challenges and Direction for Public Service Broadcasting in the Caribbean in a Media Environment of Competition, Commerce and Convergence”. Caribbean Media Conference, May 3, 2006, Barbados
- “Media and Caribbean Integration”. Caribbean Telecommunications Union/TPM-MSB Symposium, Kingston, Jamaica, May 15, 2006

Ying, N.

- “The Role of Quality Assurance, Accreditation and Certification in Economic and Social Development”. 4th Conference of the Association of Commonwealth Examinations and Accreditation Bodies (ACEAB), March 5, 2006.
- “Employment Relationship”. Committee on Employment Relationship, ILO Conference, Geneva, June 2006.

PUBLICATIONS

Hopeton Dunn

Book Chapter and Articles

- * “Globalization From Below: Caribbean Cultures, Global Technologies and the WTO” - in Ho, Christine and Nurse, Keith (2005) – Globalization, Diaspora and Caribbean Popular Culture – Ian Randle Publishers, Kingston, pages 341-360
- * “Ebb and Flow: Challenges in a New Telecom Market” , TechNews , May 2006 Vol. 7, Issue 1, pages 38-39.

Claude Robinson

- * Edited the publication – “Jamaica the Way Forward”, Presentations at the Political Leadership Forum Series 2005.

Rhemia Holding

- * Mona Academic Conference Proceedings 2005 “Tourism: The Driver of Change in the Jamaican Economy?”. edited with Professor the Hon. Kenneth Hall.

Neville Ying

Book Chapter

- * “Employers and New Initiatives in Industrial Relations”
Industrial Relations in the Caribbean: Issues and Perspectives.
Port of Spain, Trinidad: International Labour Organization.
Pages 207 – 222 in: Goolsarran (Ed.) (2006).

Harry Abrikian

- * GiltEdge Magazine... “The Pinnacle of Success” The third annual magazine was published on December 14, 2005 as a joint publication of the Mona School of Business and the Financial Gleaner.

PUBLIC SERVICE

Mr Harry Abrikian

- Director, Ian Randle Publishing
- Director, Business Recovery Services Limited
- Chairman, Stock Analysis Committee, Jamaica Stock Exchange
- Member, CVSS/United Way- Programmes & Technical Assistance Committee

Mr Anthony Barnes

- Member, Port Services Board
- Member, Jamaica Manufacturers Association Board

Mrs Olivene Burke

- Member, Caribbean Area Network for Quality Assurance in Tertiary Education (CANQATE)
- Member, Society for Human Resource Management (SHRM),
- Member, Human Resource Management Association of Jamaica (HRMAJ)
- 1st Vice President, Hope Valley Experimental School PTA

Mr Kamau Chionesu

- Economic & Social Analyst, Jamaicans For Justice

- Research Advisor, Economic and Social Justice Project

Ms Patricia Douce

- Secretary, Meadowbrook High School PTA

Dr Hopeton Dunn

- Member, UWI Strategic Planning Task Force,
- Board Member, Creative Production and Training Centre,
- Board Member, National Library of Jamaica,
- Board Member, Jamaica Commission for UNESCO
- Board Member, Today's Money Limited

Ms Rheima Holding

- Member, University Council of Jamaica Fine Arts Board of Studies
- Member, Education Council of the United Theological College of the West Indies,
- Chairman, Visual Arts Sub Committee for the Fine Arts Board of Studies, UCJ
- Chairman, Mona Academic Conference Planning Committee 2005
- Member, National Home Coming Committee
- Member, Board of Management- Deaconess House Anglican Dioceses

Mrs Patricia Lothian

- Member, Jamaica South African Association
- Service to Special Olympics, Jamaica

Mr Claude Robinson

- Board Member, Michael Manley Foundation
- Commissioner, Broadcasting Commission of Jamaica and Chairman of the Legislative and Policy Committee

Professor Neville Ying

- Technical Adviser, Caribbean Examinations Council on Measurement and Evaluation.
- Council Member, Jamaica Employers' Federation
- Director, Human Resource Management Association of Jamaica (HRMAJ)
- Adviser to the Government of Jamaica team to the ILO, Conference in Geneva
- Chairman, Overseas Examinations Committee
- Chairman, Mico Foundation
- Deputy Chairman, Mico College, Board of Governors
- Chairman, Jamaica Flour Mills Foundation,
- Director, MultiCare Foundation,
- Director, University Council of Jamaica
- Director, First Caribbean International Bank

SIR ARTHUR LEWIS INSTITUTE OF SOCIAL AND ECONOMIC STUDIES (S.A.L.I.S.E.S.)

Professor Neville Duncan, BSc, MSc *UWI*, PhD *Manc*
– Campus Director

WORK OF THE DEPARTMENT



During the course of this year a number of notable achievements occurred:

A successful viva was held for Philip Castillo, a student who continued doing his PhD from the Consortium Graduate School.

Considerable research, done for the National Advisory Commission on Local Government Reform, coordinated by the Director of SALISES and executed through teams headed by Professor Edwin Jones, Dr. Philip Osei, and Dr. Eris Schoburgh, was successfully completed and reports were submitted to the funding agency, CIDA and to the Ministry of Local Government Community Development and Sport. Each report is to be published.

A SALISES research project, **the Cost of Crime and Governance**, funded by the UNDP, was started under the supervision of the Director and executed by co-cordinators Dr. Aldrie Henry-Lee and Dr. Patricia Northover valued at US\$73,500.00.

Under the UWI/CARICOM project, a special project seeking to create an annotated bibliography of the work of the **Hon. Lloyd Best** is set to get underway. The publication of a book is the anticipated outcome. The project will last for 18 months.

A conference partly hosted by SALISES has been arranged for October 25-26, 2006 on **Promoting Child Research**. Other partners are UNICEF (the main sponsor), CCDC, ECC, and the PIOJ.

SALISES significantly expanded its course offerings by having approved by the Board for Graduate Studies and Research 6 new courses: Competition Policy and Law (Protecting the Process of Competition: Economic and Legal Aspects); Small States in the Global Political

Economy; Finance and Development; Development Cooperation and Aid Effectiveness; Development Planning and Evaluation; Sport and Social Development; and Social Investment in Children (SA60A).

Congratulations go to Annie Paul who achieved the signal honour of being appointed Associate Editor for the World Cultures Yearbook. The Associate Editor's particular responsibility will be to develop content relevant to the non-Western World, involve scholars and experts from a greater diversity of regions and backgrounds, and contribute to the Yearbook's international presence, visibility and impact.

Congratulations go to Jimmy Tindigarukayo on the publication of his book Squatters in Jamaica: A Policy Assessment

Congratulations go to Kim Robinson-Walcott on the publication of her book Out of Order! Anthony Winkler and White West Indian Writing.

Dr. Philip Osei returned during the second semester after a productive period of leave.

We said goodbye to our Senior Administrative Officer, Mrs. Sheron Barnes-Wilmot who was allowed to proceed on early retirement on the basis of ill-health from July 1, 2006. Sheron accomplished 15 years with the University at the end of June. Sheron has worked with tremendous energy and creativity for the Institute and that has been deeply appreciated. We wish her every good wish as she starts her new life.

Drs. Jimmy Tindigarukayo and Patricia Northover will be proceeding on leave this coming academic year. We wish them complete success, and more, for their plans to be executed during that time. Their contributions to our work were highly valued and we will miss them but we send our blessings with them nevertheless.

It is noteworthy that Professor Andrew Downes, our University Director was appointed as Chair of the Cave Hill Campus Planning Task Force, Professor Neville Duncan was appointed Chair of the Centre Planning Task Force, and that Dr. Patsy Lewis was appointed a member of the Mona Campus Planning Task Force by the Vice Chancellor. In the preparation for a **Strategic Plan for UWI, 2007-2012**, five **Planning Task Forces** were established.

A Public Forum on the MOU between the GOJ and Trade Unions was arranged by Jennifer Wynter-Palmer (Senior Research Fellow assigned to SALISES under my direction).

PAPERS PRESENTED

Duncan, Neville

- “Production in the CSME: Some Considerations”. Seminar on Production Integration in the CSME: From Theory to Action,”, Mona Visitors’ Lodge and Conference Centre, January 26-27, 2006
- “Dynamics of the CARICOM Single Market and Single Economy and Implications for Housing”, presented on behalf of Dr. Edward J. Greene, Assistant Secretary General of CARICOM. Caribbean Association of Housing Finance Institutions, Uniprivi, USAID Conference Ritz Carlton, Montego Bay.
- “An Overview of the Report, World Fit for Children...”, launch of “World Fit For Children in the Caribbean: Beyond 2000”, December 2005, UN House, Hastings, Barbados, a UNICEF Publication, March 17, 2006.
- **Henry-Lee, Aldrie**, “Social Protection of the Poor in the Caribbean”, 31st Annual Conference of the Caribbean Studies Association, Crowne Plaza Hotel, Port of Spain, Trinidad and Tobago, May 29-June 5, 2006.
- **Northover, P.** (2006) “Small States, Big Questions-Globalization, the Sugar Protocol and the Rhetoric of Governance” 31st Annual Conference of the Caribbean Studies Association, May 30th, 2006, Port of Spain, Trinidad.
- **Northover, P.** “New World Thought and the Politics of making newness”, Graduate Seminar, Duke University, April 10, 2006
- **Osei, Philip D.** 2006, “Spaces for Participation in Private Finance Initiatives (PFI): The Highway 2000 Project in Jamaica”. American Society of Public Administration Conference, Denver, Colorado, USA. March 31 – April 4, 2006.
- **Osei, Philip D.** 2006, “Alternative Approaches to State-Led Poverty Reduction in Jamaica: Operationalising the European Union’s ‘Decentralised Co-operation’ concept”, International Development Department, University of Birmingham, Spring Seminar Series on ‘Changing Aid’. March 21, 2006.

- **Osei, Philip D.** 2005, "Policy Responses, Institutional Networks Management and Post Hurricane Ivan Reconstruction in Jamaica", African and Caribbean Scholars Association Conference, University of East London. December 9, 2005.
- **Osei, Philip D.** 2005, "An Assessment of Corruption Scandals and Anti-Corruption Institution Building Interventions in Jamaica", Conference on Political Corruption in International Development, School of Environment and Development, University of Manchester. Manchester, UK. November 25, 2005.
- **Osei, Philip D.** 2005, "Crime and Criminal Justice Reform in Jamaica", 'Conference on the Caribbean', Organised by the State Department, Government of the United States of America. Washington, DC. October 6 - 7.
- **Paul, Annie** "No Space for Race? The Bleaching of the Nation in Postcolonial Jamaica", Conference in honour of Barry Chevannes UWI, Mona, January 20 - 21, 2006, 21 pp.
- **Paul, Annie** "A University is a University is a University: Poor People Need Thought Too", 31st Annual Conference of the Caribbean Studies Association, Crowne Plaza Hotel, Port of Spain, Trinidad and Tobago, May 29 – June 5, 2006, 11 pp.
- **Paul, Annie** "Dancehall in Jamaica: Keeping it 'Jiggy' in Babylon", 30th Annual Conference of the Society for Caribbean Studies, The National Archives, Kew, London, July 5 - 7, 2006, 27 pages.
- **Robinson-Walcott, Kimberly** "Publishing Anglo-Caribbean Fiction: The Return to the Metropole", Third International Conference on the Book, Oxford Brookes University, Oxford, 11 - 13 September 2005, 12 pp.
- **Robinson-Walcott, Kimberly** "Small Islands and the Space In Between: Exploring the Liminal World of Andrea Levy", 25th Anniversary Conference on West Indian Literature, UWI, St Augustine, 2 - 4 March 2006, 10 pp.
- **Robinson-Walcott, Kimberly** "Small Islands and the Space In Between: Exploring the Liminal World of Andrea Levy" "Caribbean Migration: Forced and Free" Conference UWI, Mona, 14-16 June 2006, 12 pp.
- **Tindigarukayo, Jimmy**, "Research Methods in Social Sciences", a workshop on "Research Writing for PhD students",

Technology Innovation Centre, University of Technology,
August 15 - 16, 2006.

- **Tindigarukayo, Jimmy**, “Challenges in Housing the Poor in Jamaica: The Case of Squatters”, Conference on: “Social Housing in the Caribbean”, Jamaica Conference Centre, June 19-20, 2006.
- **Tindigarukayo, Jimmy**, “The Impact of Rural-Urban Influx on Jamaican Society”, 75th Congress of the Humanities and Social Sciences, Canadian Federation for the Humanities and Social Sciences, May 27-June 3, 2006, at York University, Ontario, Canada.
- **Tindigarukayo, Jimmy**, “Clients’ Level of Satisfaction with Public Service Provision in Jamaica”, Sir Arthur Lewis Institute of Social and Economic Studies (SALISES) 7th Conference, (March 29-31, 2006), at Sherbourne Conference Centre, St. Michael, Barbados.

PUBLICATIONS

Books and Monographs

- * **Tindigarukayo, Jimmy**, Squatters in Jamaica: A Policy Assessment, Sir Arthur Lewis ISES Publications, Mona, Jamaica, 2005, 120 pp.
- * **Robinson-Walcott, Kimberly**, Out of Order: Anthony Winkler and White West Indian Writing, Mona: University of the West Indies Press, 2006. x, 208 pp.

Refereed Journal Articles

- * **Henry-Lee, Aldrie** (December 2005), “Convergence or Exclusivity: The Lewis Model and the Rights-Based Approach to Development” in *Social and Economic Studies*, Vol. 54. No. 4
- * **Henry-Lee** (2005), The nature of poverty in the garrison constituencies in Jamaica, *Environment and Urbanization*, UK. Vol. 17 No. 2, October, 2005.

- * **Lewis, Patsy**, “Grenada: A Testing Ground for Lewis’s Balanced Development Perspectives”, *Social and Economic Studies*, 54, 4 (2006): 204 - 237.
- * “The Agony of the Fifteen: the crisis of implementation”, *Social and Economic Studies*, 54, 3 (2006): 145-175.
- * **Northover, Patricia**, with M. Crichlow (2005), “Beyond Survival: Rethinking the strategies for ‘sustainable economic growth’ in the Caribbean,” *Social and Economic Studies*, Vol. 54, No. 3, pp. 247 - 274.
- * **Northover, P** (2005). “Introduction” in *Social and Economic Studies*, Vol. 54, No. 3, pp 1-9.
- * **Northover, P.** (2005). “Small States and Good Governance for Sustainable Development” Editor’s Introduction” in *Social and Economic Studies*, Vol. 54, No. 4, pp 2 - 12.
- * **Osei, Philip D.** 2006, “Public Sector Reform in Jamaica”, In *Modernizing the State: Public Sector Reform in the Commonwealth Caribbean*, Paul Sutton with Ann Marie Bissessar, Philip Osei and Michael Scott. Kingston. Miami: Ian Randle Publishers, pp. 57-83.
- * **Osei, Philip D.** 2006, “The Role of Ministry Papers in the Policy Process in Jamaica”, *Caribbean Journal of Public Sector Management*, Vol. 7 No. 2, May 2006, Co-authored with Deneal Walters, pp. 24-39.
- * **Paul, Annie**, “Body Wisdom: The Way of Karate”, *South Atlantic Quarterly* (Duke University Press), The Pleasure Principle: Sport for the Sake of Pleasure, Volume 105, Number 2, Spring 2006. pp. 397-407.
- * **Robinson-Walcott, Kimberly**, “Publishing Anglo-Caribbean Fiction: The Return to the Metropole”, *International Journal of the Book*, vol. 3 (2005/2006).
- * “Perceptions and Reflections on Sexual Harassment in Jamaica”, *Journal of International Women’s Studies*, Vol. 7, No. 4, May 2006, pp. 90-110.

Other peer reviewed Publications

- * **Henry-Lee, Aldrie** (2005), *Women in Prison: The impact of incarceration on women, their children and families*, Planning Institute of Jamaica.
- * Clarke, Mary & **Aldrie Henry-Lee** (2005), “The ‘total’ character of incarceration in Jamaica”, *Ideaz*, Department of Sociology, Psychology and Social Work, Mona Campus, University of the West Indies.
- * **Northover, P.**, Editor for Special Double volume of *Social and Economic Studies*, on “Governance Institutions and Economic Growth: Reflections on Sir Arthur Lewis’ Theory of Economic Growth”, 2005, Vol. 54, Nos.3 and 4, September and December issues.

Non-refereed articles

- * **Paul, Annie**, “Gazing At Herself”, article on Irenée Shaw, Trinidadian painter, *Caribbean Beat*, Issue 77, January/ February 2006
- * **Paul, Annie**, “Running a University is like Running a Dance Company”, Rex Nettleford in his own words, *Caribbean Beat*, Issue. 75, September/ October 2005
- * **Paul, Annie**, “Father Abrahams”, Tribute to Jamaican painter, Carl Abrahams, *Caribbean Beat*, Issue. 75, September/ October 2005
- * **Paul, Annie**, “Hollow voices”, Voices under the Window by John Hearne, *Caribbean Review of Books*, February 2006.

Non-refereed book chapters

- * **Duncan, Neville** “Production Integration in the CSME: Some Considerations”, Chapter 13, pp. 163 - 169, Production Integration in CARICOM: From Theory to Action, Denis Benn and Kenneth Hall, eds., Ian Randle Publishers, Kingston Miami, 2006.
- * **Lewis, Patsy**, “Production Integration in CARICOM: Implications for the OECS”, Production Integration in CARICOM: From Theory to Action. Denis Benn, and Kenneth Hall (eds). (Kingston; Miami: Ian Randle Publishers), 2006, 133 - 151.

Technical Reports

- * Recent Natural Disasters and Their Impact on Grenada's Achievement of its Millennium Development Targets and Goals, Neville Duncan, UNDP, Barbados, September 2005, 76 pages,
- * World Fit For Children in the Caribbean: Beyond 2002, Researched by **Neville Duncan** and Philip Castillo, UNICEF, December 2005, UN House, Marine Gardens, Barbados. pp viii +40
- * An Evaluation of Achievement of Targets under the third Support to the Economic Reform Program in Jamaica, Jimmy Tindigarukayo, 12 pp. June 2006, commissioned by the Delegation of European Commission to Jamaica, Belize, Turks & Caicos and Cayman Islands.
- * A Review of the Policy Environment Score (PES) and its Methodology within the Context of Jamaica, Jimmy Tindigarukayo, 53 pp. January 2006, commissioned by Jamaica Adolescent Health LifeStyle Project (a USAID Project in the Ministry of Health, Jamaica).

PUBLICATIONS UNIT.

Social and Economic Studies Journal

This has been an exceptionally busy year with the two special issues of *Social and Economic Studies* on Sir Arthur Lewis dominating. With ten articles in one and eight in the other, the issues were much larger than normal, and took longer than usual to produce. For the coming year we hope to press ahead with the production of SES so that we are not faced with a larger than usual backlog. Special issues of the journal on Caribbean Sexualities, Sustainable Development and other themes are also in the pipeline and will be further developed during the course of the year. Immediately below is a status report on SES. In this period the following issues came off the press or were in production during the course of the year: Vol. 54/2 June 2005; Vol. 54/3 September 2005, Special issue on Sir Arthur Lewis, Volume I; Vol. 54/4 December 2005, Special issue on Sir Arthur Lewis, and Volume II: Vol. 55/1 March 2006. A Special Issue on Popular Culture is in production. Vol. 55/2 will be a general issue. 55/3 will be a special issue on the Pacific and the Caribbean guest edited by

Patsy Lewis and 55/4 a special issue on *Health Issues Facing Small Island States in the Caribbean* edited by Karl Theodore. In addition several proposals are being developed for future special issues. The income recorded by the publications section for the period August 1, 2005 to April 30, 2006 was as follows:

Table 1 Income from Publications (J\$)

SES Subscriptions	1,464,917.64
Walk in Sales (SES)	9,936.00
Special Books	96,659.05
Total	1,571,512.69

Books and Monographs

The following books were published or in production at year end:

Squatters in Jamaica: A Policy Assessment by Jimmy Tindigarukayo. Status: published November 2005. *Jamaica: The Way Forward – Presentations at the Political Leadership Forum 2005* (co-published with Mona School of Business and Department of Government). Status: published February 2006. *Regional Footprints: The Travels and Travails of Early Caribbean Migrants*, ed. by Annette Insanally, Mark Clifford and Sean Sheriff (co-published with Latin American Centre for Caribbean Studies and UNESCO). Status: published April 2006. *Local Government Reform: The Prospects for Community Empowerment in Jamaica* by Eris Schoburgh. Status: at press (July 2006). *Understanding and Preventing Bank Crises in Developing Countries: Lessons from Jamaica* by Jenifer Daley. Status: editing completed, now being formatted (July 2006).

The Derek Gordon Data Bank

During the period, the data were obtained for the following: Business and consumer confidence index (Jamaica), Reproductive Health Survey 2002, SLC 2004, and KAP HIV/STD – 1992, 2000, 2004. The computer facilities are basically being used as a graduate lab with no special emphasis on use of the datasets. These are usually provided to individuals who will require technical assistance in the use of the data but will then take away the data for use elsewhere. With the exception of the SLC, the datasets are still being under-utilized. The Business and consumer confidence index has never been used even though the owners (Jamaica Conference Board)

would actually like the UWI to take it on as a project so that it would be a fully local project. Those who utilize the data do not provide any feedback on publications resulting from their use. This creates a problem because owners of the datasets would like feedback and may withhold other datasets if this problem is not addressed. The SALISES web page was restructured.

Documentation and Data Centre

During the period under review the Documentation Centre (DDC) continued to provide invaluable information and library facilities to the graduate community of the Mona Campus of the University, especially in the Social Sciences. This was done either through its own stock or by allowing access through the internet and/or the World-Wide-Web. Other local and overseas researchers also utilized the facilities, especially visiting Consortium Graduate School students from the United Kingdom. The SALISES DDC continues to work in conjunction with the Main Library to increase our access to electronically packaged journal articles and with MIT'S to improve our connectivity to other libraries and information centres all over the world. We, nevertheless, continue to acquire relevant print documents, including copies of government documents – local and overseas -, UN reports and those of other international agencies, work produced by SALISES Fellows and the other staff members of the Social Sciences Faculty, and conference papers – published and unpublished. Students and faculty are making better use of the electronic journal packages provided by the University through the main library's web-page. Additional packages have been added such as JSTOR, NetLibrary, MathSciNet, WestLaw etc. The majority of the electronic packages offer abstracts of articles and/or full text. Not all our journals subscriptions are included in the packages and also to ensure continuity of service we continue to renew yearly subscriptions to approximately 130 journals. We also continue to receive a substantial number of journals through gifts and exchanges. Readings were processed and administered for a variety of graduate courses from all the departments in the Faculty but there was particular emphasis on the SALISES Graduate Programme, Human Resource Development Programme (HRD) and the Masters in Clinical Psychology during the period under review. In preparation for the new school year in September the staff devoted considerable time and effort during the summer processing new readings and rehabilitating old ones for the courses to be offered during the first semester. Our main database (ISERG) grew by approximately 900 records during this period and CGS, the database that lists our book and photocopy holdings for the various

graduate programs, increased by 250+ records. Mrs. Chambers completed work on the GENISIS programme re linking of two of the databases to our webpage, namely ISERG and SES. These can now be accessed on the web from any computer on the campus. Data entry was begun on a database of Jamaica's Ministry Papers as requested by Dr. Philip Osei. The main users of the DDC during this period were SALISES research staff, FSS faculty, and students pursuing degrees in Human Resource Development, Tourism and Hospitality Management, Economics, Sociology and Social Work, Government, Accounting, Clinical Psychology, the MSc in National Security and Strategic Studies and the MBA programmes offered by the Mona School of Business.

MSc, MPhil, and PhD Degree Programmes

There were 56 students registered for MSc programmes (41 females and 15 males) (Table 2). Thirteen (13) were full-time students and 43 part-time).

Table 2 MSc Registrations 2005-2006 (and gender)

	Governance and Public Policy	Economic Development Policy	Social Policy Development	Total
No. of Students by programme	29 (M=7; F=22)	13 (M=7; F=6)	14 (M=1; F=13)	56
Full-Time	9 (M=2; F=7)	3 (M=1; F=2)	1 (M=1)	13
Part-Time	20 (M=4; F=16)	10 (M=6; F=4)	13 (F=13)	43

Thirty four (34) students were registered for the MPhil/PhD programme (3 males and thirteen females) (Table 3). Eight (8) were full-time and 8 were part-time. Three PhD students submitted their thesis for examination in Social Policy Development and one in Governance and Public Policy.

Table 3 MPhil/PhD Registrations (and gender)

	Governance and Public Policy	Economic Development Policy	Social Policy Development	Total
No. Of students by programme	10 (M=3; F=7)	8 (M=5; F=3)	17	34

Full-Time	1 (M=1)	1 (F=1)	6 (F=6)	8
Part-Time	9 (M=2; F=7)	7 (M=5; F=2)	11 (M=3; F=8)	26

Twenty four (24) students are to graduate in November 2006 (13 in Governance and Public Policy; 4 in Economic Development Policy; and 7 in Social Policy Development)

Table 4 MSc Graduates 2005-2006 (and gender)

	Governance and Public Policy	Economic Development Policy	Social Policy Development	Total
No. of Students by programme	13 (M=3; F=10)	4 (M=1; F=3)	7 (M=1; F=6)	24 (M=5; F=19)
Full-Time	5 (M=2; F=3)	1 (F=1)	1 (M=1)	7
Part-Time	8 (M=1; F=7)	3 (M=1; F=2)	6 (F=6)	17

All three programmes provided an income of US\$122,000.00 and a surplus of US\$45,100.00 (Table 4).

Table 4 Income and Expenditure (Student Registrations) for SALISES' Programmes

Income	US\$ 2002/2006
MSc	106,750.00
MPhil	10,000.00
PhD	5,250.00
Total	122,000.00
Surplus/Deficit	45,100.00

Projects Undertaken by SALISES Staff

Henry-Lee, Aldrie and Northover, Patricia, co-cordinators, *The 'social costs' of crime in Jamaica and the challenge of 'good governance*, for UNDP Jamaica – US\$73,500.00.

Henry-Lee, Aldrie, project manager, What is in the national budget for children? For UNICEF — J\$606,840.10.

Henry-Lee, Aldrie, Policy and Implementation of User Fees and the Impact on Health Seeking and Coping Behaviour of Patients in Jamaica – US\$100,000.

Herny-Lee, Aldrie, principal investigator, Desk Review on the Status of Men and Women in Jamaica, US\$10,000.00

Henry-Lee, researcher for section on poverty, for DFID – 20,500 pounds sterling.

Henry-Lee, sociologist, Turks and Caicos Islands Development plan, for DFID — US\$10,000.00.

Northover, Patricia, Race, Space, Place: The Making and Unmaking of Freedoms in the Atlantic World-Interdisciplinary conversations - Duke University- attached to project as a Visiting Fellow as of June 2006.

Osei, Philip D. 200, Research on “Financing Local Government in Jamaica: An Examination of Praxis and the Way Forward”, for National Advisory Council (NAC) on Local Government Reform and DFID, March-September 2005.

CEPA with Osei, Philip D. 2006, “Jamaica Regulatory Impact Assessment: Event Analysis and Case Studies”, PPIAF - Jamaica Regulatory Impact Assessment, With Cambridge Economic Policy Associates, UK, For the Government of Jamaica and the World Bank. June 2006.

Osei, Philip D. with OOCUR, 2006, “Design of Caribbean Regulatory Research Centre (CRRC)”, for and with the Organisation of Caribbean Utility Regulators (OOCUR), Trinidad & Tobago, June-July 2006.

CEPA with Osei, Philip D. 2006, “Regulatory Impact Assessment: Issues Paper”, with Cambridge Economic Policy Associates (CEPA), UK, for Government of Jamaica and the World Bank, January – June, 2006.

Paul, Annie, Associate Editor, Cultures and Globalization Series, Sage, London. The call was for “a scholar from Africa, Asia, the Caribbean, Latin America, or the Middle East to join the core Editorial Team

Paul, Annie, Consultant, Prince Claus Awards 2006. I was asked to recommend individual (s) from the Caribbean worthy of such recognition. The Prince Claus Fund decided to honour my nominee, Erna Brodber, with one of their awards which will take place at the Embassy of the Netherlands, Kingston, later this year.

Robinson-Walcott, K. is editor, *Jamaica Journal*. Two issues of this peer-reviewed journal (vol. 29 nos. 1-2 and vol. 29 no. 3) were produced in the year under review.

Robinson-Walcott edited the publication Jamaica 2015: National Social Policy Goals – Government’s Response to the Annual Progress Report 2003, a project of the Government of Jamaica /JASPEV.

Robinson-Walcott edited the Survey of Family-Owned and Women-Owned Businesses, a report of the project conducted by the Mona School of Business on behalf of the Jamaica Chamber of Commerce, Women Business Owners Ja. Ltd., Scotia Bank and USAID.

Tindigarukayo, Tindy, An Evaluation of Achievement of Targets under the third Support to the Economic Reform Program in Jamaica, 12 pp. June 2006, commissioned by the Delegation of European Commission to Jamaica, Belize, Turks & Caicos and Cayman Islands.

Tindigarukayo, Jimmy, A Review of the Policy Environment Score (PES) and its Methodology within the Context of Jamaica, 53 pp. January 2006, commissioned by Jamaica Adolescent Health Lifestyle Project (a USAID Project in the Ministry of Health, Jamaica).

PUBLIC SERVICE

Duncan, Neville

- Member, National Advisory Council on Local Government Reform, GOJ
- Coordinator, Research, National Advisory Commission on Local Government Reform, GOJ.

- Chair, Sub-Committee on Democracy, Participation and transparency, National Advisory Commission on Local Government Reform
- Member, Editorial Committee, *Journal of Eastern Caribbean Studies*.
- Editorial committee member, *Pensamiento*.
- Consulting Editor, Editorial Board, *Journal of Arts, Science and Technology*.

Kristin Fox

- UWT's representative for Inter-University Consortium for Political and Social Research (**ICPSR**).

Lewis, Patsy

- Member, University Hospital Board of Management.
- Member, Nursing Advisory Committee, University Hospital of the West Indies.

Osei, Philip

- Co-Chair, Finance and Funding Task Force of the National Advisory Council on Local Government Reform.
- Board Member, Corner Clinic and Community Development

THE BIOTECHNOLOGY CENTRE

Professor M. Ahmad, BSc *Bhagal*, MSc, PhD LARI – Director

WORK OF THE CENTRE



With the cooperation and dedication of all staff members, the work of the Biotechnology Centre was advanced through education and training of postgraduate and under-graduate students. The Centre also hosted and participated in workshops and seminars throughout the year in an effort to disseminate information on Biotechnology and increase national awareness of the capabilities and advantages of this area of research.

The Biotechnology Centre carried out the pathology component of the Ministry of Agriculture's Citrus Replanting Project, which was initiated in February 2002 for four years, with research objectives to (i) survey the project area and determine the distribution and diversity of citrus viruses and viroids (ii) to test and bio-index citrus viruses and viroids; and (iii) to support the activities of the Citrus Certification Programme (CCP) with effective technologies to enable the production of certifiable planting material and to introduce more effective ways of addressing the certification process. The survey was successfully completed and pathogens initiated within the required time, however, an extension was granted for one year (February 2006 to January 2007) to complete the bio-indexing and shoot tip grafting experiments of the project. The projects principal investigators are Drs. Wayne McLaughlin and Paula Tennant.

The Generating Genius programme, sponsored by the Jamaica National Building Society and Cable and Wireless Jamaica, was hosted and coordinated by the Biotechnology Centre for High School boys with the highest GSAT scores. Dr. Sylvia Mitchell, assisted by undergraduate students from the Biochemistry Section and the Department of Mathematics and Computer Sciences provided training in Tissue Culture, Genetic Modification and how to make natural products (ex. soap, lotion candles). The students were also given introductory training in Robotics

by the Department of Physics. This year's programme, held July 9th-23rd, was the second of a five-year project to train brilliant boys.

The Environmental Foundation of Jamaica has funded the sum of JMD5,000,000.00 for a two year project from July 2006 to produce and disseminate medicinal plant monographs across the island. The initial project, whose principal investigator is Dr. Sylvia Mitchell, commenced in July 2004 for the establishment of *ex situ* and *in vitro* gene banks of Jamaican medicinal plants. The project was successfully completed in June 2006 with the establishment of Gene Banks at the Institute of Jamaica, at Hope Gardens, and at the Biotechnology Centre.

A workshop, the second in the series, on the "Concepts of Biotechnology and Genetic Engineering" was hosted by the Biotechnology Centre from December 12 - 16, 2005. The objective of the workshop was to provide a way for science teachers to increase their knowledge and obtain practical hands-on laboratory experience in Biotechnology and Genetic Engineering. The workshop was organized by Dr. Marcia Roye in collaboration with the Scientific Research Council, and lectures were delivered by members of staff of the Biotechnology Centre and the Department of Basic Medical Sciences. The objectives of the workshop were met and the programme was very successful with approximately twenty teachers from a variety of high schools in attendance. The workshop was partly sponsored by the Ministry of Education.

Dr. Marcia Roye visited the University of Georgia at Athens in Atlanta, USA for a period of six weeks from July 2006 to enhance her skills in Molecular Biology techniques, Real Time polymerase chain reaction (PCR) and multiplex Real Time PCR. She was hosted by Dr. Ron Walcott in the Department of Plant Pathology.

Vistors to the Centre

The German Ambassador Volker Schlegel visited the Centre on November 1st, 2005 to discuss some of the work of the centre and the possibility of providing funding for a short term training program for selected farmers. Ambassador Schlegel was hosted by the Director, Prof. Ahmad and the Biotechnology Academic Staff.

PAPERS PRESENTED

- Bahado-Singh, P.S., Wheatley, A.O., Osagie, A.U., Boyne, M., Morrison, E.Y.St.A, Ahmad, M.H. and Asemota, H.N. (2006) Glycemic Indices of some commonly eaten Caribbean foods and

dietary intervention using low glycemic index foods to achieve normoglycemia in type 2 Diabetics. Morgan State University 2nd International Complimentary and Alternative Medicine Conference, Baltimore, U.S.A. – May 26 - 27

- Bahado-Singh, P.S., Wheatley, A.O., Osagie, A.U., Boyne, M., Choo-Kan, E., Morrison, E.Y.St.A., Ahmad, M.H. and Asemota, H.N. (2006) Effect of low glycemic index dietary advice on glycemic control and inflammatory markers in adult type 2 diabetics in Jamaica. Northern Caribbean University 7th Science Symposium, Mandeville, Jamaica.
- Bahado-Singh, P.S., Wheatley, A.O., Osagie, A.U., Boyne, M., Choo-Kan, E., Morrison, E.Y.St.A., Ahmad, M.H. and Asemota, H.N. (2006) Effect of low glycemic index foods in the management of type 2 diabetes in the Caribbean. UWI Diabetes Outreach Project (UDOP) 12th International Conference, Ocho Rios, Jamaica – March 2-5.
- Graham, A.P., Roye, M.E., (2006). Mixed infection of a malvaceous weed in Jamaica by two new geminiviruses. 3rd Annual Graduate Students' Conference, University of the West Indies.
- Mitchell, S.A. (2005). Standardization of activities in nutraceutical and herbal products. In CD- Proceedings of Quality Assurance for the Nutraceutical Industry, November 30 – December 1st. Scientific Research Council.
- Mitchell, S.A. (2005). Jamaican herbs: A “Goldmine” of Possibilities: Alternative and Complementary Medicine Symposium, Medical Association of Jamaica, October 2.

PUBLICATIONS:

Refereed Journals

- * Bahado-Singh, P.S., Wheatley, A.O., Ahmad, M.H., Morrison, E.Y.St.A. and Asemota, H.N. (2006) Food processing methods influence the glycaemic indices of some commonly eaten West Indies carbohydrate-rich foods. *British Journal of Nutrition*. 96: 476-481.
- * Bahado-Singh, P.S., Wheatley, A.O., Osagie, A.U., Boyne, M., Choo-Kan, E., Morrison, E.Y.St.A., Ahmad, M.H. and

Asemota, H.N. (2006) Effect of low glycemic index foods in the management of type 2 diabetes in the Caribbean. *West Indian Medical Journal* 55 (Suppl): 41-42.

- * Mitchell S.A. and M. H. Ahmad (2006) Protecting our medicinal plant heritage: the making of a new national treasure. *Jamaica Journal*, Institute of Jamaica, Kingston. 29 (3): 28-33.
- * Riley, C.K., Adebayo, S.A., Wheatley, A.O., Ahmad, M.H. and Asemota, H.N. (2006) Fundamental and Derived Properties of Yam (*Dioscorea* spp.) Starch Powders and Implications in Tablet and Capsule Formulation. *Starch/Starke* 58: 418-424
- * Roye, M.E. Collins, A.M., Maxwell. D.P. (2006). The first report of a begomovirus associated with the common weed *Jatropha gossypifolia* in Jamaica. *Plant Pathology*, 55:286.

INCOME GENERATION

Grants

JM\$5M. – Environmental Foundation of Jamaica – “Production and dissemination of medicinal plant monographs” July 2006 – June 2008

J\$1,515,251 – Ministry of Agriculture – Citrus Replanting Project. February 2006 – January 2007

USD2000.00 – Campus Committee for Research and Publication and Graduate Grant Awards – “Production of Synthetic Ackee Seeds plant regeneration from somatic embryos and RAPD analysis of regenerants for genetic fidelity” for Mr. Seymour Webster, July 2006

J\$300,000 – Environmental Health Foundation – Nutritional Supplement as a tool for harm reduction in illicit drug addiction: Derivation of mechanism of action in animal model, July 2006 – June 2008

Funded Activities

J\$400,000 from the Ministry of Education for Science Teachers Workshop, December 18-22, 2005.

PUBLIC SERVICE

Prof. M. H. Ahmad

- Board Member, National Commission on Science and Technology
- Member, CARICOM Working group on genetically modified organisms (GMOs)
- Member, National Bio Safety Committee, NCST

Prof. Helen Asemota

- International Consultant, Food and Agriculture Organization, UN
- Member, Steering Committee for the Development of a Caribbean Food Composition Programme organized by the Caribbean Food & Nutrition Institute (CFNI) and PAHO

Dr. Sylvia Mitchell

- Member, Pharmaceutical Council of Jamaica
- Secretary, Caribbean Herbs Business Association of Jamaica
- Member, Deregulations Sub-Committee, National Biosafety Committee

Dr. Marcia Roye

- Member, Biodiversity Committee, NEPA

Dr. Paula Tennant

- Board Member, Papaya Growers Association
- Member of the National Biosafety Committee (NCST)

Dr. Andrew Wheatley

- Mayor, Spanish Town, St. Catherine
- Vice-Chairman, St. Catherine Parish Council
- Member, Cannabis Research Institute

CATEGORY OF STUDENTS

Postgraduates:

There are Twenty-Three postgraduates currently doing research at the Biotechnology Centre, thirteen of which are Ph D candidates and ten M Phil students. These include two new students, Miss Natwaine Gardener and Mr. Darshan Young, who registered in Biotechnology 2006. Mr. Young, supervised by Dr. Marcia Roye, will be examining the Molecular characterization of recombination between begomoviruses associated with *Rhynchosia minima* from Jamaica and Miss Gardner, supervised by Dr. Andrew Wheatley, will look at Nutritional Supplement as a tool for harm reduction in illicit drug addiction: Derivation of mechanism of action in animal model.

Mr. Cliff Riley was awarded a Ph D. degree in Biotechnology for his thesis completed in 2005. Mr. Riley received high commendation for his research on “Phyisco chemical characterization of Jamaican yam starches and their utilization as binders in paracetamol granule formulation”.

THE NATURAL PRODUCTS INSTITUTE

Trevor H. Yee, BSc (Hons), PhD UWI, MBA (Hons) Nova
– Executive Director

WORK OF THE INSTITUTE



In the 2005/2006 academic year, the Natural Products Institute initiated several new research projects, continued with the completion of those projects started earlier and increased its client services. Dr. Yee of the Institute attended the Fourth International Society for the Development of Natural Products, held in Leysin, Switzerland, and was re-elected Treasurer of the Society, for the period 2006/ 2008. At this conference, a poster presented by Dr. Rupika Delgoda of the Institute and describing some of her research, won one of the First prizes from a field of some 160+ posters, for her poster entitled, “The interaction of Caribbean natural products with Cytochrome P450 enzymes: potential metabolic drug-herb interactions.” This was the second success for best poster for Dr. Delgoda for the year and her research student, Mr. Mario Shields, having been awarded the prize for the best poster presented at the Twenty First Mona Symposium, “Investigating the potential for drug-herb interactions in Jamaica: Effects of medicinal plants on the activity of Cytochrome P450 enzymes.”

There were several additional claims filed for in the patent application by Dr. Trevor Yee. Research is continuing and additional claims are being investigated. Work is presently proceeding towards the next stage of finding a commercial partner for the invention.

The Institute exchanged a confidentially agreement with the Manchester Interdisciplinary Biocentre, University of Manchester, UK and established an on-going collaboration for molecular modeling projects.

The Institute assisted in the organization of a Presentation/Seminar on July 26-27, by the legal firm of WilmerHale, which specializes in Intellectual Property Right issues, which was prepared to offer their services to UWI on a *pro bono* basis.

Client Services:

The following client services were initiated/continued:

- Development of nutraceuticals from local ethnomedical formulations.
- Analyses pertaining to the local registration of an analgesic preparation.
- Assistance with bioactivity claims of an herbal preparation.
- Assistance with the formulation/marketing of several household chemical formulations.
- Assistance in the field of alternative energy sources.
- Assistance with the development a potential new plant variety.
- Income from client services: J\$50,000

International Collaboration:

Collaboration was established by Dr. Delgoda with Professor Michael Sutcliffe at the Manchester Interdisciplinary Biocentre, University of Manchester, UK, for molecular modeling of CYP450 enzymes.

Collaborations continued by Dr. Delgoda, with the University of Leicester (Prof. Gordon Roberts) and Dundee (Prof. Wolfe and Dr. Paine), in the U.K., with funding from the International Foundation for Science.

GRANTS

New grants

Dr. Delgoda received on behalf of her post graduate student, Mario Shields, US\$1380, from the Post graduate Research fund, UWI, to attend an international conference.

Continuing grants

SuperPlus graduate grant (worth J\$1.5M) to **Dr. R. Delgoda** and Mario Shields the first recipient

International Foundation for Science (Worth US\$11,900) to **Dr. R. Delgoda**.

Environmental Foundation of Jamaica (worth US\$62,000) to **Drs. T. Yee, R. Delgoda** and Prof. R. Young.

PAPERS PRESENTED:

Fourth International Society for the Development of Natural Products Conference, Leysin Switzerland, May 28 -31, 2006:

- **Mario Shields, Trevor Yee, Paul Reese, and Rupika Delgoda**, “The interaction of Caribbean natural products with Cytochrome 450 enzymes: potential metabolic drug-herb interactions.” First Prize Winning Poster.
- **Grace-Ann O. Junor, Roy B. R. Porter, Lawrence A. D. Williams, and Trevor H. Yee**, “An investigation into the essential oil composition of the three endemic species of *Bursera* *sp.* (Burseraceae) in Jamaica.”_

13th North American meeting of the International Society for the Study of Xenobiotics (ISSX), Maui, Hawaii, October 2005

- **Shields, M., Yee, T., Reese, P. and Delgoda, R.** Investigating the potential for drug-herb interactions in Jamaica: Effects of medicinal plants on the activity of Cytochrome P450 enzymes.

21st Mona Symposium on natural products and medicinal chemistry, UWI, January, 3-6,2006.

- **Shields M., Reese P., Delgoda,R.** The effect of Jamaican medicinal plants on the activity of Cytochrome P450 enzymes. First Prize Winning Poster.

PUBLICATIONS:

Peer Reviewed Publications

- * **Trevor H. Yee.** 2006. New Pesticidal Compounds from Limonoids. Natural Products: a Must for Human Survival, Y. Z.

Zhu, B. Tan, B. H. Bay and C. H. Liu, Eds World Scientific Publishing Co, London, pp 308-324.

- * **Shields, M., Yee, T.**, Reese, P. and **Delgoda, R.** Investigating the potential for drug-herb interactions in Jamaica: Effects of medicinal plants on the activity of Cytochrome P450 enzymes, *Drug Metabolism Reviews*, 2005, 37 (suppl 2), 137-138. (abstract only)

PUBLIC SERVICE:

Dr. Trevor Yee

- Treasurer, International Society for the Development of Natural Products.
- Member, Editorial Board, *Jamaica Journal of Science and Technology*.
- President, The Natural History Society of Jamaica.
- Member, Advisory Steering Committee for Complementary Medicine-Ministry of Health.
- Member, Steering Committee Towards a National Bioprospecting Programme, National Commission of Science and Technology, Office of the Prime Minister.

Dr. Rupika Delgoda

- UWI representative and Research Sector Representative for the Caribbean Business Herbal Association, Jamaica Chapter

SUPERVISION OF RESEARCH STUDENTS

Postgraduate

Five MPhil Students working jointly with the Natural Products Institute, the Departments of Chemistry, Life Sciences, and Basic Medical Sciences-Biochemistry, are being supervised by **Dr. Trevor Yee**, Prof. Helen Jacobs, Dr. Roy Porter, Dr. Dwight Robinson, and Dr. Lisa Lindo.

One M.Phil. student working at the Natural Products Institute is supervised by **Dr. Rupika Delgoda** and co-supervised by Prof. Paul Reese at the Department of Chemistry. His thesis was submitted in August 2005.

Undergraduate

Three undergraduate students registered in the Department of Biochemistry for final year Biochemistry, were supervised by **Dr. Rupika Delgoda** for a 6 month project each.

One undergraduate student registered in the Department of Chemistry was supervised over 2 month summer work program, by **Drs. Yee and Delgoda**.

Three undergraduate students registered at the University of Technology were supervised jointly by **Dr. Rupika Delgoda** and Dr. Novie Younger at Epidemiology Section, TMRI for a one year final research project.

TEACHING

Dr. Yee lectured in the BSc Final year Food Chemistry course; and guest lectured to the BSc Final year Life Science students in the Mycology, and Medicinal and Economic Botany courses; and to the visiting graduate students of St. Olaf's College in Medicinal Chemistry.

Dr. Delgoda lectured in BSc final year Advanced Biochemistry course; and guest lectured in Medicinal and Economic Botany, Dept. of Life Sciences.

Drs. Yee, Delgoda and Sylvia Mitchell coordinated and taught the Herbal and Complimentary Medicine course to the B.Pharm. Final year students at the University of Technology.

UWI DISTANCE EDUCATION CENTRE (UWIDEC)

**Derrick Thompson, BSc, (Hons.), Dip Bus. Admin.
– Acting Campus Coordinator**

WORK OF THE DEPARTMENT



During the period under review, UWIDEC's academic programming continued to focus on the shift to incorporate more use of on-line delivery and asynchronous technologies in the delivery of its programmes. The Blended Learning Project saw the conversion of an additional thirteen (13) courses offered in the BSc in Management Studies and the BSc in Educational Administration programmes. The on-line summer course, Introduction to Online Learning, was again offered to both incoming and existing students to help them to better transition to

the new delivery modalities.

Emphasis was placed on the capacity building of faculty and other staff members to develop competencies in the development, management and delivery of online content. Workshops and training sessions funded through the CUPIDE project (<http://www.cupide.org.jm>) were carried out. The collaboration with academic departments continued with increased momentum. To this end, the BSc in Literacy Studies offered by the Department of Educational Studies was launched.

Work also continued on the plant modernization project at Mona. A new state-of-the-art computer network was implemented enabling IP based services to seamlessly integrate with the campus. A wireless infrastructure was also deployed to increase access to online and network services where fixed wired computers are limited. The main teaching studio was upgraded to a state-of-the-art meeting room supporting full multimedia presentation capabilities with online access. Through collaboration with CARICOM (<http://www.caricom.org>) a videoconferencing focal point was established. This focal point now allows UWIDEC to hold

videoconferences with any other location in the world using IP based internet technologies. Tender was also awarded to contractors to deploy a new UWIDEC wide IP based network to support teaching and other administrative activities including IP based voice telephony across all UWIDEC locations locally and overseas.

In order to widen access to UWIDEC's offerings, discussions were entered into with local representatives in Spanish Town and Falmouth to establish community based learning centres that would access UWIDEC programmes through local centres. The centres are expected to be launched in the academic year 2007/2008. Preliminary work has also started on the UWIDEC centre in Mandeville.

Figures 1 and 2 show student enrollment trends throughout Jamaica.

Figure 1 Undergraduate Programmes

Jamaica: Site Name	BSc in Management Studies	BEd. in Education Administration	BSc in Accounting (Level I)	BSc in Economics (Level I)
Ocho Rios	350	18	6	1
Morant Bay	76	20	4	
Brown's Town	126	24	4	2
Sav-La-Mar	223	108	2	10
Denbigh	185	30	2	
Mandeville	274	44	6	2
Montego Bay	423	10		
Port Antonio	170	18		
Vere	31	4	2	
Mona	247	15	10	3

INCOME GENERATION

Figure 2 Income Generating Activities

Activity	Income	Expenditure
Summer School	3.1M JMD	2.3 M JMD
Rental of teleconferencing facility by other regional non UWI entities	780,000JMD	

PUBLIC SERVICE

Christine Marrett

- Member, Caribbean Association for Distance and Open Learning
- Public Relations Officer, Jamaican Association for Distance and Open Learning
- Member, Association of Caribbean Higher Education Administrators

Charmaine McKenzie

- Member of the Board, National Library of Jamaica
- Member, Jamaican Association for Distance and Open Learning
- Hon. Editor, Jamaican Historical Society *Bulletin*
- Editor, Grace, Kennedy Foundation Lectures since 2003

Vilma McClenan

- Member, Jamaican Council for Adult Education (JACAE)
- President, Jamaican Association for Open and Distance Learning (JADOL)
- Member, Caribbean Regional Council for Adult Education (CARCAE)
- Member, Executive Committee and Caribbean Representative on the International Council for Adult Education (ICAE)

Derrick Thompson

- Treasurer, Jamaican Association for Distance and Open Learning

SCHOOL OF CONTINUING STUDIES

Year ending July 31, 2006



**Professor Lawrence Carrington, BA *Lond-UCWI*,
PhD *UWI* – Director**

Overview

*F*or the academic year 2005-2006, the School of Continuing Studies maintained a strong focus on continuing education programmes, outreach and public education initiatives, research and community development projects and technical assistance.

The work of the Caribbean Child Development Centre (CCDC) focused on research, technical assistance, networking activities and outreach through public service. Work on the development and hosting of Early Childhood Development (ECD) related databases was a key activity during the academic year and grant funding from the IDB to create a database of interventions for children affected by HIV/AIDS was successfully negotiated.

The Trade Union Education Institute was renamed the Hugh Lawson Shearer Trade Union Education Institute in honour of Hugh Lawson Shearer, who initiated its founding along with Michael Manley and Hopeton Caven in 1963. The re-naming ceremony was chaired by the Vice Chancellor Prof. E. Nigel Harris and the Keynote Speaker was the Prime Minister, the Hon. P.J. Patterson. The Governor-General, Prof. the Hon. Kenneth Hall, the Most Hon. Denise Elderemire Shearer, and the leadership of the Trade Unions were among the participants.

For the first time the Social Welfare Training Centre (SWTC) offered the Regional Four Month Course in the Principles and Practice of Social Work in the Cayman Islands. The offer was in response to a request by the Department of Children & Family Services in the Cayman Islands to provide training for their para-professional social workers. The course was adapted to meet the needs of the department.

The Jamaica Eastern Centre achieved several of its targets set in the last academic year. The programme review of Computer Studies increased IT enrolment by over 50% and collaboration with the Ministry of Education

resulted in the launch of day classes for IT certification. Through the MOU Training Programme, the Centre began the training of Public Sector employees in a range of 10 week business and professional development courses.

For the year under review, the School in Montego Bay continued to play a pivotal role in providing part-time tertiary education for working adults in Western Jamaica. Trends noted in the enrolment profile of students may present opportunities for the University to offer a greater variety of distance programmes.

The School hosted the Fourth Campus Strategic Planning Workshop, June 26-27, 2006 at Mona. Resident Tutors and Administrative Assistants joined colleagues from the Office of the Board for Non-Campus Countries & Distance Education (BNCCDE), Distance Education Centre (DEC) and Tertiary Level Institutions Unit (TLIU) to discuss the proposals for restructuring the sector that falls under the BNCCDE. The two-day workshop was led by Mr. Larry Goldstein, UWT's Strategic Planning Consultant and Dr. Vivienne Roberts, (TLIU) Chair of the Fourth Campus Planning Taskforce.

HUGH LAWSON SHEARER TRADE UNION EDUCATION INSTITUTE

Marva A. Phillips, MSc *Johns Hopkins* – Tutor/Coordinator

WORK OF THE DEPARTMENT



The Institute continued to concentrate on the offering of courses, public education, outreach and networking. During the period under review there was also an emphasis on introducing Caribbean union women to the document addressing the hemispheric concerns of labour contained in the new document Labour's Platform for the Americas. The recommendations arising out of the Consultation held with union women in Antigua in respect of the Labour Platform

were later presented by the Tutor/Coordinator at a Caribbean Congress of Labour seminar.

Ms Phillips represented Caribbean union women at the Continental Committee of Women Workers of the ICFTU/ORIT in Panama and Mexico. She was also a member of the trade union delegation to the Peoples Summit in Mar del Plata, Argentina and one of the delegates to the World Social Forum in Venezuela.

The Trade Union Education Institute was renamed the **Hugh Lawson Shearer Trade Union Education Institute** in honour of Hugh Lawson Shearer, who initiated its founding along with Michael Manley and Hopeton Caven in 1963. The renaming ceremony which was held on February 28, 2006 took place on the Institute's premises. The ceremony was chaired by the Vice Chancellor Prof. E. Nigel Harris and the Keynote Speaker was the Prime Minister, the Hon. P.J. Patterson. The Governor-General, Prof. the Hon. Kenneth Hall, the Most Hon. Denise Elder mire Shearer, and the leadership of the Trade Unions were among the participants.

The Tutor/Coordinator is the only academic staff member at the Institute.

Continuing Education

The first offering of the Certificate in Labour Studies ended in June 2006. Some students who completed the programme were admitted to the Faculty of Social Sciences to pursue an undergraduate degree.

Meetings were held with representatives of the School of Continuing Studies in Barbados and Trinidad & Tobago with respect to the offering of the Certificate in Labour Studies Programme.

Public Education & Outreach

The Institute continues to collaborate with the Jamaica Confederation of Trade Unions by assisting with the conduct of national education and training activities through its Women's Committee. In recognition of International Women's Day the JCTU Women's Committee held a 2-day seminar on March 7 – 8, 2006 at the Institute. Collaboration also continued with the Caribbean Congress of Labour for which Ms Phillips prepared a proposal for a programme of capacity building through education and training in the English and Dutch speaking Caribbean.

Main Targets 2006-2007

- Expand the offer of the Certificate in Labour Studies to other Centres in the region
- Host a symposium on the 1st generation of Caribbean Trade Union Women
- Research impact of Trade Unions on national productivity
- Research impact on migrant workers' remittances on local households
- Develop a course in Collective Bargaining & Labour Law for Private Sector Executives

PAPERS PRESENTED

Phillips, Marva A.

- “Gender, Trade Union & Work” World Social Forum, Caracas, Venezuela January 25, 2006.

PUBLICATIONS

Books & Monographs

- * Phillips, Marva & Bolles, Lynne A. “En solidaridad: Las mujeres en el movimiento laboral organizado en Latinoamerica y el Caribe” De lo privado a lo publico: 30 años de lucha ciudadana de las mujeres en America Latina. Ed. by Nathalie Lebon and Elizabeth Maier. Mexico, D.F.: Siglo XXI; UNIFEM; LASA, 2006. 93-106.
- * Phillips, Marva A. “Training Labour Practitioners for Leadership” Industrial Relations in the Caribbean: Issues and Perspective. Ed. by Samuel J. Goolsarran. ILO, 2006. 337 – 348.

Refereed Journal Articles

Phillips, Marva A.

- * “Preparing Union Men for Change” Caribbean Quarterly 51, 2 (2005): 14-30.

PUBLIC SERVICE

Marva Phillips

- Council Member, Jamaica Confederation of Trade Unions (JCTU)
- Chair, JCTU Women’s Committee
- Member, Caribbean Congress of Labour (CCL) Women’s Committee
- Caribbean Representative (Titular) to Inter-American Regional Organisation of Workers (ORIT) Women’s Committee (COMUT)
- CCL’s Alternate Representative, ICFTU Women’s Committee

Awards

Marva A. Phillips

- 2005 UWI Long-service award for 15 years of service

SOCIAL WELFARE TRAINING CENTRE

**Lincoln Williams, BA *East Anglia*, PGCE, MA *Lond*, Dip. in Youth
& Community Work *Thames* – Tutor/Coordinator**



WORK OF THE DEPARTMENT

SWTC continued to support the development of the Association of Caribbean Social Work Educators' (ACSWE) by co-sponsoring its 7th Biennial Conference held on the Mona Campus, August 8-11, 2005. The centre also produced and published Volume 4 of the Association's Caribbean Journal of Social Work.

The Tutor/Coordinator continued to play an active role on the board of the International Association of Schools of Social Work (IASSW). He attended the board's meeting held in the United Kingdom on January 23-27, 2006. Mr. Williams was also UWT's representative at the Commonwealth Youth Programme Regional Advisory Board Meeting in October 2005 and the Sixth Commonwealth Youth Ministers Meeting in May 2006.

During the academic year, a temporary post of research assistant was created at SWTC. The appointment of a research assistant provides an excellent opportunity to undertake research on the impact of violence on social workers with the intention to expand the Centre's research capacity.

Continuing Education

Sixty students graduated with the Certificate in Social Services this academic year. This programme continued to be well received and supported by a number of agencies which host the practicum component. The evaluation reports from the practicum placements attest to the quality performance of the students.

The Class of 2006 for the Regional Four Month Course in the Principles and Practice of Social Work had a student body of 40 persons representing

Antigua and Barbuda, Jamaica, and St. Vincent and the Grenadines. All students successfully completed the course.

For the first time the course was offered in the Cayman Islands after the SWTC was approached by the Department of Children & Family Services in the Cayman Islands to provide training for their para-professional social workers. The course was adapted to meet the needs of the department and was delivered over the period November 2005 to February 2006. The practicum was undertaken in Jamaica.

The second offer of the Diploma in Youth in Development Work began in June 2004 and all thirteen modules have been successfully delivered in eleven participating countries of the English-speaking Caribbean. Approximately 92 of the 132 students who sat examinations for the final six modules are eligible for the award of the Diploma.

Public Education & Outreach

SWTC and the Department of Sociology, Psychology & Social Work co-hosted the 7th Biennial Caribbean and International Social Work Educators' Conference at Mona, August 8 - 11, 2005. There were 250 participants from the Caribbean and North America. The conference provided a forum in which Social Work Educators and Practitioners reflect on theories and practices pertinent to social work in the Caribbean.

Institutional Cooperation

The Centre hosted the annual UWI/Jamaica Golf Association (UWI/JGA) golf classic which raised approximately \$450,000 towards the foundation's scholarship fund.

SWTC continued its collaboration with the Department of Sociology, Psychology & Social Work in the delivery of programmes and in mounting seminars on social work issues.

Main Targets 2006-2007

- Deliver the Certificate in Social Services in Barbados
- Conduct research on Violence on Social Workers
- Publish Volume 5 of the Caribbean Journal of Social Work

PAPERS PRESENTED

Williams, Lincoln

- “A tracer study of graduates of the National Youth Service Jamaica, 2002”. 7th Association of Caribbean Social Workers Educators Conference, UWI, Mona August 8-11, 2005
- “The State and Unattached Youth in Jamaica”. Lutheran Pacific University, January 9, 2006.
- “How violence affects social workers in Kingston and St. Catherine”. International Association of Schools of Social Work (IASSW) United Kingdom, January 23-27, 2006

Income Generation

The Centre generates approximately 60% of its operating budget through fee paying programmes and other activities.

PUBLIC SERVICE

Lincoln Williams

- Member, Board, Association of Caribbean Social Workers Educators
- Member, Executive Board, International Association of Schools of Social Work

CARIBBEAN CHILD DEVELOPMENT CENTRE (CCDC)

**Julie Meeks Gardner, BSc, Dip Nutrition, PhD UWI –
Tutor/Coordinator**

WORK OF THE DEPARTMENT



The work of the Centre focused on research, technical assistance, networking activities and outreach through public service. CCDC maintained a strong research focus on violence and aggression and child development, HIV/AIDS and child outcomes with new activities being undertaken under established projects. Work on the development and hosting of Early Childhood Development (ECD) related databases was a key activity during the academic year. The Centre also supported training at a range of levels from para-professional through post-graduate. Dr. Julie Meeks Gardner continued supervision of three graduate students. There are two members of academic staff at the Centre, the Tutor/Coordinator and a Research Fellow.

Public Education & Outreach

The Caribbean Early Childhood Development website project continued through the CCDC, Dudley Grant Memorial Trust and the Institute of Education. The website which was being re-designed is used by people from the region and beyond interested in early childhood issues. CCDC continued to serve as a UNESCO Cooperating Centre for Early Childhood.

CCDC maintained a number of activities designed to support ECD institutional strengthening and to strengthen networks of ECD representatives from government ministries, technical persons, ECD associations and donors in the region, as well as international organizations. Over the last five years, donors such as World Bank, Inter-American Development Bank, Caribbean Development Bank, Bernard

Van Leer Foundation, UNICEF and UNESCO have supported this work. CCDC has built relationships with colleagues throughout the English-speaking Caribbean and is establishing links in Dutch, French and Spanish-speaking Caribbean states.

Institutional Cooperation

A study on Interventions to Reduce Aggression among Basic School Children was carried out in collaboration with the Child Development Research Group (TMRI) and the Faculty of Education, with grant funds from the Environmental Foundation of Jamaica and UNICEF.

Dr. Meeks Gardner is a member of the Children's Issues Coalition (ChIC), a group of academics at UWI, Mona campus who are seeking to enable more integrated research and teaching as well as outreach services and dissemination of research findings, in areas of child development and behaviour. The Coalition publishes an annual journal entitled Caribbean Childhoods. Work on Volumes 3 (on Indicators and Screening Instruments of Children's Wellbeing, funded by UNICEF) and 4 (on Children and Violence) was undertaken during the review period. The work on the development of a database of research on children's issues was completed, and this was presented at a workshop.

Research and Technical Assistance

Dr. Meeks Gardner was a steering committee member of the Lancet Series on Child Development, a group of eminent researchers in the field of child development who undertook a comprehensive review of the state of knowledge of child development in non-industrialized countries. The review was prepared as three papers were accepted for publication in the prestigious medical journal, The Lancet. Dr. Meeks Gardner was an author on one paper, and contributor to all three. The initiative was supported by UNICEF.

Under the Child Health and Nutrition Research Initiative (CHNRI) programme a technical working group was formed, and suggested research is being prioritized using the proposed methodology in a pilot. Dr. Meeks Gardner authored the first report and will present this at a CHNRI meeting in Egypt in October 2006. Together with Dr. Maureen Black of the University of Maryland, Dr. Meeks Gardner is leading the child development aspect of the project which aims to develop and apply a systematic methodology to identify global research priorities.

The research programme on Aggression and Violence in Jamaican Children continued with activities being undertaken under various projects. Data analysis was completed on the pilot study for a trial of parent and teacher interventions to reduce aggressive behaviour among primary school children and a report and paper have been drafted. Under the Violence Prevention Programme Inventory (funded by UNICEF, Jamaica) a searchable database of intervention programmes was created and all findings presented to stakeholders. The database is available online through the CCDC website. A proposal to maintain the database including regular updating has been submitted to UNICEF, Jamaica. Dr. Meeks Gardner was the lead researcher of the UWI consortium selected to conduct the review of literature relating to issues around children and violence under the UN Secretary General's Report on Children and Violence: Caribbean Area Report. The findings which were presented in Trinidad and Tobago in February 2006 have been incorporated into the UN Secretary General's Global Report on Children and Violence.

The programme of research on HIV/AIDS and Child Development continued. A grant proposal submitted to the IDB (US\$ 41,500) to create a database of interventions for children affected by HIV/AIDS was successful. The project is expected to commence in the next academic year. A second research workshop on HIV and children was held.

Work on the CDB-funded Child Focus III Project began in August 2005 and will continue until February 2007. This project is supporting ECD capacity building through work in three areas: implementation of curriculum goals and outcomes; financing and sustainability of ECD; and implementation of policies and regulatory systems for improving the quality of ECD services. To date, consultants have completed reports for the first two areas. The outputs will be disseminated for advocacy and public education purposes related to ECD and parenting.

CCDC successfully negotiated with the Inter-American Children's Institute (IIN) of the OAS to be the host institution in the Caribbean for their extensive databases of documents, institutions and programmes. In addition, the Centre hosted the training by IIN personnel of librarians from Antigua, Trinidad and Tobago and the Main Library, UWI in the use of these databases.

Main targets 2006-2007

- Conduct intervention trials to reduce children's aggressive behaviour;

- Develop a database of HIV/AIDS intervention programmes that target children;
- Conduct an intervention trial to reduce the negative developmental outcomes of being affected by HIV/AIDS;
- Host a third workshop on children and HIV/AIDS;
- Develop a Caribbean-wide network of researchers on HIV/AIDS and children;
- Determine the requirements for and the feasibility of a course or courses in Child Rights.

PAPER PRESENTED

Meeks Gardner, J.

- “Violence Interventions with Children”. Inter-American Forum on Citizen Security: Examining Experiences and Challenges, Medellin, Colombia, September 12-13, 2005.
- “Violence Prevention Programmes Inventory and Data- base”. Violence Prevention Alliance Meeting, Kingston, Jamaica, December 13, 2005.
- “Findings of the Caribbean Desk Review for the UN Secretary General’s Study on Violence Against Children: From Research to Policy & Practice”. 4th International Conference on Crime and Justice in the Caribbean, St. Augustine, Trinidad, February 8-11, 2006.
- “A database of violence prevention interventions for Jamaican children”. Violence Prevention Alliance Meeting, Kingston, Jamaica, March 27, 2006.
- “Managing Classrooms in Jamaican Schools: What, why and how”. Jamaica Teachers’ Association Conference on Behaviour Management for Classroom Teachers and School Administrators, Ocho Rios, Jamaica, April 18, 2006.
- “HIV/AIDS and Children – The research evidence in the Caribbean”. International Nursing Midwifery Conference, Ocho Rios, Jamaica, June 1-3, 2006.

PUBLICATIONS

Refereed Book Chapters

- * Meeks Gardner J. (2006) “Children and Violence: Interventions at school and at home”, Children and Adolescents Growing Up in Contexts of Poverty, Marginalization and Violence in Latin America. CIESPI. Rio de Janeiro: Author, 93-106

INCOME GENERATION

CCDC received a subvention from the Government of Jamaica. The Centre also earned income through the rental of facilities and fees for the administration of projects. Project income for 2005-2006 was approximately J\$2.9M. Other income including UGC funding was approximately J\$2.6M.

PUBLIC SERVICE

Julie Meeks Gardner

- Chairman, National Food and Nutrition Coordinating Committee
- Chairman, Advisory Board of the Child Development Agency
- Member, Board of the Malnourished Children’s Foundation
- Board Member, Peace Management Initiative
- Member, National Plan of Action on Children Coordinating Committee
- Member, Technical Steering Committee, Research Agenda Programme, of the Planning Institute of Jamaica
- Member, Inter-Sectoral Working Group on Children and Violence
- Member, CARICOM Regional Working Group on Early Childhood Development
- Board Member, Childwatch International Research Network

Awards

Julie Meeks Gardner

2005 UWI Long-service award for 15 years of service

2006 UWI Mona Principal's Award for Research with an Impact on Public Policy (as a member of the Child Development Research Group)

EASTERN JAMAICA Camp Road

**Gillian Glean-Walker, BA, MBA, Dip Ed, Dip Mgmt Stds UWI –
Resident Tutor & Head**

WORK OF THE DEPARTMENT



The Jamaica Eastern Centre achieved several of its targets set in the last academic year. The programme review of Computer Studies increased in IT enrolment by over 50% and Peachtree Accounting expanded the scope of Computer Studies. Day classes commenced at the Centre with the launch of Microsoft training for Principals, Deputy Principals and teachers and in collaboration with the Ministry of Education and the Centre expanded its complement of regional programmes. The

Library/Reading Room was refurbished and the collection expanded through a programme of acquisitions as well as generous donations from international institutions. Work continued on developing a satellite centre for programme delivery to Jamaica's eastern parishes, with a planned launch of this initiative in 2006-07.

Jamaica Eastern maintained its strong thrust in enhancing its image, increasing the Centre's visibility and promoting its programmes and course offerings. Upgrading of the physical infrastructure and facilities included acquisition of additional IT equipment for ongoing equipment upgrade to meet the growing demand for Computer Studies.

The Centre continued its programme of increased involvement and participation in Campus activities and strengthening its linkages with campus administration and faculties.

The Resident Tutor is the only academic staff member at the Centre.

Continuing Education

The Jamaica Eastern Centre continued to offer a range of credit and non-credit programmes in Business and Administrative Studies, Computer Studies, Health and Human Services and Pre-University Access courses including 'A' Level and CXC preparation programmes. Jamaica Eastern admitted its second cohort to the Associate Degree programmes and expanded its regional programme offerings with the inclusion of the ASc in Paralegal Studies (PALS) and the Certificate in Business Management (BSMA)

Partnership with Caribbean Institute of Technology (CIT) continued through the offer of the nationally recognised Computer Fundamentals course.

The School expanded and deepened its collaboration with Government and quasi-Government institutions for the delivery of specialised programmes. Jamaica Defence Force (JDF) soldiers were able to register for CXC classes in Mathematics and English Language, on successful completion of access courses in these subjects. Collaboration with the Ministry of Education resulted in the launch of day classes for IT certification. Through the MOU Training Programme, the Centre began the training of Public Sector employees in a range of 10-week business and professional development courses.

Programme Cluster	Student Enrolment
Business & Administrative Studies	2134
Computer Studies	950
Health & Human Services	8883
Languages, Creative Writing, Drama & Media	86
Pre-University & Access Programmes	1171
Special Offers & External Studies	26
Vocational & Job-Oriented	194
TOTAL	5,444

Institutional Collaboration

Jamaica Eastern continued its collaboration with the Archives and Records Management Department, Mona with the start of the second offer of the certificate programme in Records Management for summer 2006.

Plans are well advanced for the launch of a pilot certificate in Electronics Engineering in collaboration with the Physics Department. Classes for this pilot should commence in January 2007.

Main Targets 2006-2007

- Undertake outreach activities in neighbouring communities
- Establish satellite centre in eastern Jamaica
- Formalize and enhance marketing effort through recruitment of marketing personnel
- Establish an Advisory Committee
- Streamline administrative structures functions and delivery including development of a student data base and accounting systems

Income Generation

Jamaica Eastern's main source of income continues to be tuition fees. Additional income was generated during the year from use as an examination centre and from rental of facilities to other institutions.

The Centre continues to assess the financial viability of its programmes while recognizing its commitment to its students' completion of programmes in spite of low registration in several critical courses. Ongoing rationalization of the Centre's operations such as the management of the tuition exemption facility for Mona Campus employees has reduced losses to the Centre in excess of \$1m for the year.

WESTERN JAMAICA Montego Bay

Vilma Clarke, BA UWI, MBA Nova, MA Leeds
– Resident Tutor & Head

WORK OF THE DEPARTMENT



For the year under review the School continued to play a pivotal role in providing part-time tertiary education for working adults in Western Jamaica. Of particular significance to the work of the School were two emerging trends in the School's enrolment profile; an increasing number of students are transitioning from the SCS one-year certificate programme in Supervisory Management into the BSc Management Studies offered by distance delivery and the student age profile for the BSc Management Studies seems to be shifting in favour of younger adults between the ages of 18-25. The latter trend suggests that younger persons are opting to study outside of the main campus while the former suggests that relevant programmes at the certificate level could become important feeder programmes for distance education. Together, these two trends may present opportunities for the University to offer a greater variety of distance programmes despite the fact that the new associate degrees have faltered. In respect of the distance education programmes, it is to be noted that more qualified applicants are opting for part-time study as several applicants possess higher level matriculation requirements.

Continuing Education

Courses which attracted reasonable enrolment were Computer Studies, Social Work, and Supervisory Management. The table below provides enrolment figures.

Programme	Student Status	Totals
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	New			Continuing		
	M	F	T	M	F	T
Business Management Year 2				6	13	19
Early Childhood Education	1	10	11		4	4
English For Tertiary Level	1	18	19			
Introduction to Computers	4	16	20			
Marketing	2	2	3	5	8	10
Marketing & Sales (10 wk)	1	10	11			
Microsoft Office	4	28	32			
Social Work	3	27	30	3	24	31
Supervisory Management		21	31	52	6	18
Supervisory Management (10 wk)	14	59	73			
TOTAL						336

Public Education & Outreach

The Centre continued its collaboration with Sam Sharpe Teachers' College to support the HFLE-HIV-AIDS community project, Promoting Healthy Life Styles in Western Jamaica.

- Main Targets 2006-2007
- Implement blended-learning delivery

PUBLIC SERVICE

Vilma Clarke

- Member, Kiwanis Club of Providence
- Member, Association of Caribbean Higher Education Administrators (ACHEA)
- Member, Jamaica Adult Literacy (JAMAL)
- Member, Montego Bay Community College Scholarship Committee
- Member, Melody Girls Home
- Member, Friends of Faith Kinderprep