



THE UNIVERSITY  
OF THE WEST INDIES  
MONA, JAMAICA



DEPARTMENTAL REPORTS 2012 / 2013





THE UNIVERSITY OF  
THE WEST INDIES

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# DEPARTMENTAL REPORTS

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Mona

2012–2013

REPORT TO CAMPUS COUNCIL, MONA  
AND TO COUNCIL  
FOR YEAR ENDING JULY 31, 2013

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# THE LIBRARY

## Mona

Year ending July 31, 2013



**LEONA BOBB-SEMPLE**

*BA Univ of Guyana, DipLib UWI, MLS SUNY, Albany*  
**Campus Librarian**

## – Overview –

Despite the difficult economic climate the Library continues to find innovative ways to improve its virtual presence, expand its collections in response to the needs of staff and students, and develop its staff to cope with the rapid changes in the information environment.

Collection growth of print material continued to decline as only books needed to support teaching and learning, based on recommendations from faculty, and new titles/editions that appear on submitted reading lists were purchased. Even the acquisition of West Indian material has been affected, resulting in a greater dependency on donations to build this collection. The value of the gifts added to the collection for the reporting year amounted to a total of J\$7,334,135.63 and a significant portion of this was for West Indian titles. The Library also focused on the development of its unique collections while at the same time negotiating with donors to obtain new ones. As a result of this the Special Collections benefitted from a number of significant donations. Electronic resources continue to increase through the collaborative purchases of subscription databases and e-books. In addition, more books for the Reserved Book Collection (RBC) were purchased in electronic format. Strides continued to be made with the development of the Law Branch Library. In April the Library successfully submitted a bid for the IMF Legal Library, and looks forward to receiving this significant collection of books and journals in the coming academic year. Notification of a large gift of legal material from the University of



Alberta Library was received in June to fill the gaps in a number of legal periodical resources. At the end of June the Library also submitted a second successful bid which will see the deposit of 850 West Indian literary titles.

A substantial portion of the bequest of the late Professor Richard B. Sheridan's Collection was received in 2008 but additional material was donated and brought to the Library by his son, Dr Rick Sheridan, in March 2013. The Deed of Gift was signed by Dr Sheridan and the Mona Campus Principal, at a special handover ceremony which was held on March 6, 2013, in the Multifunctional Room, Main Library.



*Principal Gordon Shirley and Dr Rick Sheridan signing the Deed of Gift for the handover of the Richard Sheridan Collection. In the background are the Campus Librarian, Mrs Leona Bobb-Semple, and the Dean of the Faculty of Humanities and Education, Dr Swithin Wilmot.*

Other benefactions received this year were:

The Professor John Joseph Maria Figueroa Collection which was donated by the late professor's children, and consists of research notes and papers, lecture notes, correspondence, literary manuscripts, photographs and postcards.

The Franz “Gerry” Alexander Collection, which consists of cricket memorabilia, photographs and publications previously owned by the late West Indies Cricket Captain, and donated by his family.

The Hugh Lawson Shearer Collection which was donated by the late Prime Minister’s wife, Professor Denise Eldemire-Shearer. This collection consists of books and papers.

The Library went through an extensive planning exercise in order to meet the challenges ahead. Our Strategic Plan for 2012–2017 and the Operational Plan are important markers for the future. The focus areas in the Operational Plan addressed specific targets set for Sections to achieve by 2013. Staff development and employee engagement were addressed and succession management was given attention due to the number of retirements scheduled to take place. A Senior Management Team was formed with the view of not only assisting in the management of the Library but also exposing senior librarians to leadership issues and equipping them with the requisite competencies. Other staff members were exposed to a number of training opportunities outlined later in this document, and team activities were strengthened with the reorganization of the Customer Service Team and the Marketing Team, and the formation of a Staff Development Team. Two new policies were implemented; namely, a Volunteer Policy to cope with the growing number of individuals seeking to do volunteer work in the Library, as well as a Liaison Librarian Policy which provides guidelines for librarians to effect more targeted interactions with faculty and students.

## **ACCESS TO COLLECTIONS**

### **Cataloguing and OPAC Enhancement**

Work continued in making hidden collections accessible to users through the discovery portal UWILinc. A record number of electronic books were catalogued this year with more than 80% of these acquired through the shared arrangement with the Alma Jordon (St. Augustine) and Cave

Hill Campus libraries. Approximately 1,021 records were imported from vendors such as Ebsco and Ebrary, 50 of which were West Indian titles purchased by the Library. Other titles came from different sources including free medical e-books identified by the Medical and Science Branch Libraries. The continuing emphasis was not only on making resources of the UWI Library accessible but also on adding material from the collections of the Department of Library and Information Studies Resource Centre and the Mona School of Business and Management Documentation Centre; and, including for the first time in web-accessible environment, the collections of the SALISES Documentation Centre and the Library of the Spoken Word.

### **Finding Aids**

Finding aids for the P.J. Patterson files, the Vic Reid and the John Hearne Collections have been completed and mounted on the Library's web page. All material in these collections have been listed, organized and stored in archival boxes. The Vic Reid Collection consists of 124 files in 19 boxes, while the John Hearne Collection consists of 7 boxes of textual prints, sound recordings, photographs and audio cassettes. Work continues on the Tanzilo Collection. Three boxes with 83 files have been completed. Work commenced on the Rex Nettleford Collection. A total of 424 books have been processed, 368 of these have been catalogued, while work continues on organizing the files. Work on the Sheridan Collection is behind schedule, but continues. Sixty three (63) files were checked, entered in the database, and processed. In addition, work began on organizing and listing the papers of Sir John Duckworth, a British Admiral stationed in the northern Caribbean and headquartered at Port Royal, Jamaica, during the Haitian revolution.

### **Seaga Collection**

Due to the lack of storage space in the Library the catalogued and digitized files from the *Edward Seaga Collection* were transferred to the UWI Archives for storage in October 2012. Access to the digitized images of this material is provided through UWILinc. Work continues

on organizing the remaining files. In addition, 46 Seaga Scrapbooks representing foreign public opinion of the period that he was Prime Minister of Jamaica, have been digitized and are gradually being made accessible on UWILinc.

### **Digitized Photograph Collection**

With the help of Professor Carl Campbell, work also continued on creating metadata for most of the UWI Digitized Photograph Collection. Metadata for three other collections were completed including the Roger Mais Postcards, Roger Mais Memorabilia, and the Making of the University of the West Indies. These are now accessible on UWILinc.

### **Library of the Spoken Word**

In May 2013, 699 short catalogue records were provided for the audio-visual collection held at the Library of the Spoken Word. This work was undertaken with support from student workers and an intern from the Department of Library and Information Studies. For the first time, works in this collection are accessible online by way of UWILinc.

### **SALISES Documentation Centre**

The UWI Library began the online conversion of the collection of the SALISES Documentation Centre in July 2013. This is the largest collection to date to be included in UWILinc through the UWIMINET initiative. Based on a work plan devised, and acting on phase one of the project, SALISES staff members were trained to perform copy cataloguing, add bar-codes to each item, and create holding and item records for the same.

### **Care of Collections**

In an ongoing effort to maintain the library's collection in an acceptable condition, preservation initiatives were undertaken in all the libraries particularly targeting West Indian material. A number of West Indian

periodical titles published in the mid 20th century were identified for special treatment. Various treatment options were carried out for rare books and pamphlets which are uncatalogued. In addition, all new special collections were fumigated before being integrated into the West Indies and Special Collections Section.

**Use of Collections**

The declining trend in the checkouts of printed material continued with the highest checkouts reflected for material from the Reserved Book Collections in all libraries. There was, however, an increase in loans of open shelf material from the Main Library. The downward trend in the borrowing of printed journal material also continued, reflecting a decline of approximately 33% over last year’s figures. Upward trends in the use of databases and other electronic resources continue with the suite of products from EbscoHost and Proquest being the heaviest used, and trails to databases such as DynaMed, Medline Complete, and Dentistry and Oral Sciences Source were well received and reflected heavy usage by the Faculty of Medical Sciences.

The discovery portal, UWILinc, which provides access to a variety of free and fee based electronic resources was also heavily used reflecting 817,471 searches. The largest number of searches on the Library’s webpage was directed to database pages and examination papers. Usage time of computers through the PHAROS System amounted to 17,484,565 minutes.

**Checkouts by Library**

Library	Overnight books	Reading Room books	Open Shelf books	Periodicals	Total
Law	6,762	2,286	1,298	130	10,476
Main	30,314	8,000	35,919	927	75,160
Medical	1,069	426	1,928	267	3,690
Science	8,476	1,005	5,307	40	14,828
WJC	833	126	154	–	1,113
<b>Total</b>	<b>47,454</b>	<b>11,843</b>	<b>44,606</b>	<b>1,364</b>	<b>105,267</b>

**TOP TEN E-BOOKS USED AT MONA LIBRARY**

- *Inna Di Dancehall: Popular Culture and the Politics of Identity in Jamaica*
- *An Introduction to Politics: Lectures for First Year Students*
- *Competitiveness in Small Developing Economies: Insights from the Caribbean*
- *Nursing Theories and Nursing Practice*
- *Public International Law*
- *Harrison's Principles of Internal Medicine*
- *Current Diagnosis and Treatment: Pediatrics*
- *Competitive Destinations: A Sustainable Tourism Perspective*
- *Qualitative Research from Start to Finish*
- *Caribbean Libraries in the 21st Century: Changes, Challenges, and Choices*

As in previous years, the number of researchers visiting the library continues to grow, but more recently requests were being made by local schools either to complete targeted research or to tour the Library. Material in the West Indies and Special Collections is of particular interest. Examples of collections used during the year by researchers were:

- Nettleford Collection
- Vic Reid Collection
- Roger Mais Collection
- Oral History Tapes
- Tony McNeill Collection
- Seaga Collection
- The West Indian Linguistics Survey
- The Thistlewood Diary

The UWI theses continue to be heavily used by staff, students and external researchers. The Section processed 3,125 requests for the use of these theses.

## **NEW SERVICES**

### **Tablet Loan Service**

The Library was very supportive of the E-Book project launched by the Faculty of Medical Sciences. We negotiated to have an App for UWILinc built for inclusion on the tablets so that students can seamlessly move from the books provided on their tablet to the collection of the Library. Moreover, in order to increase user access to computing facilities, a tablet loan service was introduced in April to supplement the existing laptop loan service. Eligible borrowers were able to borrow a tablet on 3-hour loan.

### **Three Day Loan of RBC Books**

A more flexible loan regime was introduced in the Reserved Book Collection in the Main Library. Overnight and Reading Room loans were still offered but these were complemented by 3-day loans. The latter was introduced based on an analysis of usage statistics which continue to show a decline in usage. Anecdotal evidence suggests that students are not on Campus everyday and thus are reluctant to borrow books on Overnight Loan. An assessment will be done to see whether there is an increase in usage of books on 3-day loan.

### **Alert Services for Material on Loan**

The Integrated Library System, ALEPH, has been used to send loan notices to clients on a weekly basis. Two types of notices were sent – the courtesy notice which alerts the patron that the item borrowed will soon become due, and the overdue notice which informs the patron that an item is overdue. During the eight months from December 2012 to July 2013 a total of 4,408 courtesy notices were dispatched and 4,272 notices

relating to overdue items were sent to clients. It is expected that the number of overdue notices will fall as a result of the alert which the courtesy notices provide. This initiative earned positive feedback from clients.

### **Roaming Service**

To make the library more user friendly, especially for new students, the roaming customer service manned by Student Assistants was launched. Eight students were employed and given the primary role of assisting students in understanding the Library and its services, and in locating information in the online catalogue or on the shelves. The service commenced at the onset of each semester and was offered between the hours of 9:00 am to 8:00 pm, Monday to Friday.

### **Facilities**

The Library partnered with the Vice Chancellor's Ambassador Corps, UWISTAT (UWI Students Today, Alumni Tomorrow) to repurpose a small space in the Main Library for engaging the student body in the activities of the Corps. The space, which the Ambassadors named Chudy Zone (Chill and Study Zone) will be maintained by UWISTAT in collaboration with the Library. Chudy Zone will not only allow UWISTAT Ambassadors to promote "Pelican Pride", but will also expose students to the CARICOM Skills Certificate, various displays to promote the UWI Alumni Association, as well as other UWISTAT initiatives. Additionally, UWISTAT Ambassadors will be available in the area for one-on-one discussions with their fellow students. The Vice Chancellor officially launched Chudy Zone on April 4, 2013 while the Chancellor visited the area and unveiled the Chudy Zone plaque on April 19, 2013.

In July of 2013 the Medical Library received 54 refurbished lockers for the bag check area. This will assist with the Library's mandate of providing excellent customer service to clients in that facility. In addition, repurposing the space on the periodicals floor of the Science Library provided much needed additional seating for undergraduates.





*The Chancellor Sir George Alleyne making a presentation in Chudy Zone*

## **INFORMATION LITERACY**

One of the highpoints of the year in Information Literacy was the collaborative work undertaken by the Information Literacy Coordinators from the four Campuses. They held regular meetings in order to forge common strategies for achieving the goals of the Strategic Plan which aims to develop the information literate student. The group produced two videos which now appear on YouTube and can also be accessed from the campus libraries' websites.

These videos are designed to help students learn at their own pace how to use UWILinc. Despite challenges such as staff redeployment, the Unit continued to make a difference in the lives of the students. More than 241 information literacy sessions were delivered throughout the academic year. Some sessions were Faculty or discipline specific and were initiated by either an academic department or the Library. Small groups and one-to-one sessions were also conducted.

## NEW STUDENT ORIENTATION SESSIONS

The Library participated in the Annual Student Orientation exercise conducted by the Office of Student Services, and librarians at Branch Libraries collaborated with Faculties to offer a number of orientation sessions in the classroom environment. Sessions often included an introduction to the Library and its services, training in the use of UWILinc, and discipline specific online resources.

## THESIS SCRUTINY

Librarians assisted post graduate students with pre-consultation and final scrutiny of theses either by email or face-to-face. Figures below demonstrate this activity since 2009.

### Theses Pre-Consultations

Year	Consultations
2009–2010	23
2010–2011	54
2011–2012	86
2012–2013	72

### Theses Scrutiny

Theses	Total			
	2012/2013	2011/2012	2010/2011	2009/2010
Masters	28	32	41	43
PhD	55	54	53	49
<b>Total</b>	<b>83</b>	<b>86</b>	<b>94</b>	<b>92</b>

## **INFORMATION LITERACY AT BRANCH LIBRARIES**

The Science Branch Library continued to provide a number of training sessions in Information Literacy for students in the Faculty of Science and Technology. For the first time, Mona Information Literacy Unit in collaboration with the Faculty of Science and Technology convened a Graduate Thesis Writing Workshop in February and March 2013. Over 100 graduate students were taught how to write proposals, conduct literature reviews, avoid plagiarism and format their theses following the University's Thesis Guide. Information Literacy was also embedded in the MSc Food and Agro Processing and MSc in Agricultural Technology courses; and the goal to reach more students than in previous years was realized.

The Medical Library also achieved gains in the provision of Information Literacy. A total of 17 sessions were conducted for various courses in the Faculty of Medicine and one for the University Hospital of the West Indies, doubling the number of sessions requested the previous year. The Medical Library also held its annual E-Resources Fair on February 28. The fair included a display of electronic resources, hands-on demonstration on locating e-resources listed in the UWILinc, and sessions demonstrating medical databases which were conducted by EBSCO's Caribbean Representatives.

The Medical Library extended Information Literacy sessions to the Brown's Town Community College School of Nursing (St. Ann's Bay Campus) in March when Mrs Faith McKoy-Johnson presented two 90-minute seminars to 56 students and two faculty members. Participants were taught how to create search strategies; search for print and online sources from the databases and UWILinc; access the Library's electronic resources with their UWI identification numbers and domain passwords; evaluate and cite information sources. Relevant Health Sciences databases such as CINAHL and PubMed were highlighted.

The WJC Branch Library embarked on a major thrust to ensure that as many users as possible were reached by our information literacy initiatives. UWILinc sessions were scheduled twice each day to accommodate both



*IL Session at Brown's Town Community College, School of Nursing*

full- and part-time students for two weeks at the beginning of each semester. A total of 435 students were trained during the year across 57 hours of scheduled library sessions and foundation course modules. This is a 75 percent increase in the number of persons receiving training in information literacy over the previous year.

Additionally, on demand small group and one-on-one sessions were accommodated in the Library for both faculty and students throughout the year. With the introduction of the first year LLB programme at the WJC, a number of sessions were arranged for Law students. In addition to the WJC Library sessions, they were also visited by Law Librarian, Mrs Claudette Solomon, and transported to Mona for orientation in the Law Library and training in the use of Westlaw.

Information Literacy was embedded in the course on Legal Methods and Writing, exposing 270 first year students with specialized training. A number of one-to-one sessions were also provided.



*Mrs Claudette Solomon, Law Librarian, conducting IL Session with Law students at WJC Library*

## **STAFF DEVELOPMENT**

The Library has experienced a spate of retirements over the last five years. This continued with five long-standing members of staff retiring during this academic year. Among these were the Head of Acquisition Section, the Acting Chief Binder, and the Deputy Librarian. As a consequence, the former Head of the Science Branch Library, Ms Beverley Lashley was appointed to the position of Deputy Librarian, and Mrs Karlene Robinson, Coordinator of Mona Information Literacy Unit was deployed to head Science Branch Library. The Senior Binder was appointed to the position of Chief Binder. Three librarians also joined the staff on temporary contracts during the year. In an effort to improve leadership competencies, Ms Beverley Lashley and Mr Dunstan Newman attended the Leadership Institute for Academic Librarians held at the Harvard Graduate School of Education, USA, from August 5–10, 2012. Mr Newman also attended a programme, “Library Leadership in a Digital Age”, held at Harvard Graduate School of Education, USA, in March 2013. Ms Lashley and Mrs Robinson attended a series of Change Leadership Workshops organized by the University.

In preparation for the coming changes in Cataloguing Rules cataloguers participated in professional development activities by attending workshops and conferences. Rosemarie Runcie and Karen Tyrell attended the UWI-UNESCO Pre-Conference Workshop “Metadata and Resource Discovery.”

Mrs Faith McKoy-Johnson was sent to the BIREME *Train the Trainers* Workshop for the English-Speaking Caribbean which took place in Bridgetown, Barbados, May 6–10, 2013. The workshop was hosted by the PAHO Barbados/ECC office, and the facilitators were Marcia Barretto and Veronica Abdala from BIREME. Participants were also given hands-on training in various aspects of LILACS Bibliographic Description and Indexing (LILDBI).

Seventeen (17) members of staff attended the Occupational Health and Safety Training Workshop which was held on the Mona Campus on March 4 and 5, 2013. As a result, protective gear was acquired for six staff members in compliance with the *Factories Act of Jamaica*.

Staff members also attended the STIN Workshop on Management and Marketing of Information held at Scientific Research Council on November 28, 2012. Additionally, ten staff members were trained through the NVQ Level 1 Data Operations Training and Certification Programme, a UWI HEART Trust/NTA initiative.

## **OUTREACH**

The Mona Library also engaged in a number of outreach activities ranging from delivering lectures to conducting workshops and facilitating in-library sessions for organizations and high schools students. On March 25, 2013, Mrs Pauline Nicholas made presentations to students at the Caribbean Maritime Institute on APA Style, and a presentation to staff at the Planning Institute of Jamaica on Research Strategies, in June, 2013.

Mrs Karlene Robinson and Mrs Faith McKoy-Johnson conducted workshops which 425 participants from across Jamaica attended. This was organized by Jamaica Library Service (JLS) School Library Network

for Teacher/Librarians, and was held during the period January 17–March 14, 2013 throughout the six regions of the JLS, under the theme “The Changing Face of School Libraries.”

Head of the Cataloguing Section, Mrs Rosemarie Runcie, coordinated a seminar which was hosted by the Planning Institute of Jamaica (PIOJ), the Library and Information Association of Jamaica, and National Library of Jamaica on the future of Cataloguing using the new rules Resource Description and Access (RDA).



*Minister of State in the Ministry of Science, Technology, Energy and Mining, Hon. Julian Robinson (right), in conversation with President of the Library and Information Association of Jamaica, Matthew Blake (left); and Head of the Cataloguing Section at the University of the West Indies, Library Rosemarie Runcie.*

## **PAPERS PRESENTED**

### **Rochelle Davis**

- “Online Databases, Websites and Other Electronic Formats: Negotiating Electronic Licensing Agreements”. DLIS Summer Institute 2013 Workshop – Legal Information Resources Unravelling. Multifunctional Room, UWI Main Library. June 20, 2013.

**Myrtle Harris & Karlene Nelson**

- “Creating a Student-Centred Environment: The Learning Commons at the University of the West Indies, Mona”. 43rd Annual Conference of the Association of Caribbean University, Research and Institutional Libraries (ACURIL), San Juan, June 9–14, 2013.

**Sasekea Harris**

- “The Cultural Politics of Librarianship: The Place of Post-colonial Librarians in Development”. DLIS Graduate Studies Seminar. DLIS, UWI Mona, Jamaica. February 15, 2013.

**Karlene Nelson**

- “Exploring the Use of Text Messaging to Enhance Reference Services at The University of the West Indies Library, Mona Campus”. Department of Library and Information Studies 40th Anniversary Conference, The University of the West Indies, Mona. October, 2012.

**Dunstan Newman, Olivene Thomas and Stanford Moore**

- “Mentor/Mentee Dyads: Determinants of Successful Tacit Knowledge Transfer”. ACHEA, Montego Bay, Jamaica, July 2013.

**Karlene Robinson**

- “Teaching Information Literacy”. Department of Library and Information Studies Workshop *Delivering Information Literacy Instruction* for HEART Trust/NTA Library Personnel. July 29–30, 2013.

**Rosemarie Runcie**

- “Creating Metadata for UWI’s Digital Resources”. UNESCO/DLIS 40th Anniversary Pre-Conference Workshop. Department of Library and Information Studies. October 4, 2012.

**Jeanne Slowe, Claudette Solomon, and Karlene Robinson**

- “Information Literacy: Making Law Resources More Accessible Through the Use of Information Communication Technologies”. CARALL XXVI. July 2013.



Jeanne Slowe, and Claudette Solomon

- “Acquisitions and Collection Development on Shoe-string Budgets”. CARALL Conference, Cayman Islands. July 2013.

## **PUBLICATIONS**

### **Monograph**

**Beverley Lashley**

- “Energy Conservation Awareness Manual for Jamaican Secondary Schools”. Jamaica Fulbright Association, Caribbean Energy Information Systems, Jamaica Public Service Company Limited. Edited by Beverley Lashley and Mona Whyte. Kingston, Jamaica. 2012.

### **Refereed Journal Articles**

**Sasekea Harris**

- “Agricultural & Food E-Resources Usage at the University of the West Indies (UWI) Mona Campus”. *Information World Journal* 14(1) (2013):141–162.

**Rosemarie Runcie**

- “Collaborative Cataloguing within a Centralized Network: The Case of the University of the West Indies, Mona Campus”. *Cataloguing & Classification Quarterly*, 51:1–3, (2013). 156–167.

**Frances Salmon and Cherry-Ann Smart**

- “The Role of the Academic Library in Facilitating Scholarly Communication”. *Caribbean Quarterly: A Journal of Caribbean Culture*, 58 (2&3), (2012) 67–77.

**Cherry-Ann Smart**

- “Developing Hybrid Models for Library Customer Service Standards”. *Journal of Creative Library Practice* (2013).

**Cherry-Ann Smart and C Stewart-Fullerton**

- “Consideration of an Academic Library Consortium in Jamaica: An Initial Exploration between The University of the West Indies, Mona, and the University of Technology, Jamaica”. *Advances in Librarianship*, 37, (2013): 243–268.

**PUBLICATION IN NON-PRINT/MULTIMEDIA**

**Claudette Sutherland Solomon and Jeanne Slowe**

- “Legal System & Legal Research in Jamaica.” Globalex. Published online November 2012 at <http://www.nyulawglobal.org/Globalex>

**PUBLICATION IN NON-REFEREED JOURNAL**

**Cherry-Ann Smart**

- “The 10-Step Recovery Program: The Sign-Addiction Recovery Guide for Libraries”. *LIAJA Newsletter*. (January 2013).

**PUBLIC SERVICE**

**Sasekea Harris**

- Chair, LIAJA Research & Publications Committee

**Beverley Lashley**

- Chair, Special Projects, Jamaica Fulbright Association 2011–2013

**Tanya Manassi**

- Member, Bibliographic Editorial Team, *Caribbean Library Journal*

**Karlene Nelson**

- Honorary Treasurer, Library and Information Association of Jamaica (LIAJA)

**Pauline Nicholas**

- Executive Member, Library and Information Association of Jamaica (LIAJA)
- Chair, LIAJA Education Committee
- Member, Orientation Committee, International Relations Roundtable of the America Library Association.

**Karlene Robinson**

- Library Representative, Planning Committee, UWI/Guardian Life Premium Teaching Award.
- Library Representative, Quality Evaluation Site Visit Team, Knox and Excelsior Community Colleges.

**Cherry-Ann Smart**

- Member, International Reading Association
- Member, Editors' Association of Canada
- Board Member, Jamaica Reading Association

**HONOURS AND AWARDS**

**Sasekea Harris**

- 2013 Academic & Research Libraries (ARL) Essay Competition (IFLA/WLIC Attendance Grant).

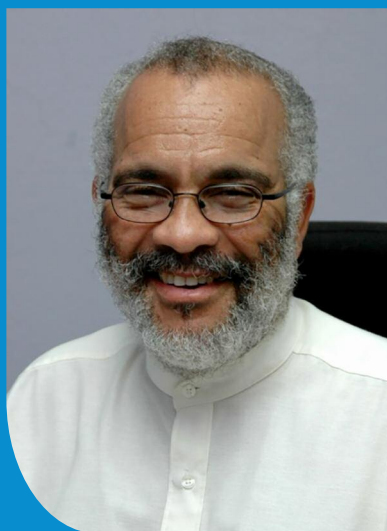


NON-VIOLENCE IS THE GREATEST FORCE IN THE UNIVERSE.  
BY MAHATMA. IT IS SUPERIOR TO THE MOST POWERFUL WEAPONS OF  
DESTRUCTION DEVISED BY THE INGENUITY OF MAN

# FACULTY OF HUMANITIES AND EDUCATION

## **Mona**

Year ending July 31, 2013



SWITHIN WILMOT

BA *UWI*, DPhil *Oxon*

Dean



## – *Dean’s Overview* –

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

### **TRANSFORMATIONAL INITIATIVES**

In support of the Single Virtual University (SVU) initiative, the School of Education (SOE) began developing a pilot to provide programs to Montserrat, St Lucia and the Western Jamaica Campus. The startup date is scheduled for January 2014.

Important strategic links were cemented between the SOE and the Ministry of Education (MOE), in keeping with the Mona Campus’ commitment to provide special support to the MOE. Foremost were the SOE’s special interventions to improve students’ performance in CSEC Mathematics and English at Grades 10, including participating in the training of approximately 400 CSEC English A and Mathematics teachers. The SOE also served on the team that developed the National Mathematics and Numeracy Policy which defines standards for the teaching and learning of Mathematics with the aim of improving the quality of teachers of Mathematics. Further, the SOE developed proposals for Special Programmes to upgrade teachers in Early Childhood Education and to upgrade Secondary School Teachers in selected subjects.

The SOE has agreed to the request from the MOE that the Joint Board of Teacher Education (JBTE) examines the Teachers Colleges of Jamaica students and award degrees to those who have satisfied requirements for such an award, and on-going discussions as to the mechanisms to facilitate this development are continuing.

Moreover, so as to increase the capacity for training Leaders in Education, the SOE collaborated with the Mona School of Business and Management to submit an expression of interest for the IDB/MOE NCEL Principal's Professional Qualifications Programme consultancy, which was short listed and is subsequently negotiating a possible contract award.

### **ACADEMIC INITIATIVES**

Curriculum Reform and Renewal occupied the collective focus of the Faculty which remains determined to preserve UWI's reputation as an institution of higher learning dedicated to the attainment of the human potential of its students. Indeed, the Faculty responded to external questioning on the relevance of the Humanities by enhancing and expanding its course offerings.

- Foreign languages courses now afford out of faculty students an avenue to fulfill their requirements for Foundation courses and also expand opportunities for preparing more globally ready graduates.
- The Institute of Caribbean Studies (ICS) developed two new Level 3 courses on the Commercialization of Modern Sport and on Artist Management which are in the process of approval.
- The Department of Literatures in English mounted two new film courses, Film Adaptation and Reggae Films, which were well received by the students.
- The History and Archaeology Department designed new courses in 20th century European History and also designed a new cluster of courses on the history of Asia and the Middle East. Work also commenced on revising two degree programs, Africa and African Diaspora and, in conjunction with the SOE, History and Education.

- CARIMAC designed two new courses, Basic Media Production to provide Level 1 students with hands-on production training, and Cross Cultural Communication that will be offered as an elective, particularly at WJC.
- The Department of Library and Information Studies overhauled technology courses and developed new undergraduate courses in Database Management, Information Technology and Digitization.
- Two new Linguistics courses were also approved: Introduction to Language for Teachers of Language, and Early Language Acquisition in a Creole-speaking Environment

### **TEACHING AND LEARNING**

The Faculty solidified its reputation for high quality teaching with several colleagues attaining minimum scores of 4.5 and above out of 5 in the students' assessments exercise and remains committed to the use of modern technology to enhance teaching and learning. Members of various departments registered in the Post-graduate Teaching Certificate Programme, and others, including graduate tutors, registered for IDU modules/workshops to enhance teaching and learning effectiveness.

### **TURNING OUT THE IDEAL UWI GRADUATE**

Internships and other out of classroom learning experiences, locally, regionally and internationally, formed part of the students' exposure and training in disciplines such as Archaeology, Education, Entertainment and Cultural Enterprise Management, Integrated Marketing and Communication, Journalism, Library Studies and Modern Languages.

In keeping with the goal of the Strategic Plan to produce graduates capable of oral communication in English and with communication skills for the world of work, the Language section of the Department of Language, Linguistics and Philosophy developed new courses that diversify



the English Language Foundation course offerings. Additionally, a new year-long six-credit Foundation course for students unable to demonstrate a sufficient level of English language proficiency for academic success was approved for implementation in 2013/14. Intake in the two level three courses, Public Speaking and Business Communication, was also expanded.

### **MANAGEMENT, QUALITY AND CONDUCT OF GRADUATE PROGRAMMES**

Improved throughput levels for research degrees reflect improved departmental focus and increased Faculty capacity to manage programmes. Whereas seven students in the Faculty were awarded PhDs in 2009/2010, 12 PhDs were awarded in 2012/2013, with two more currently under examination.

The Faculty maintained the commitment to enhance graduate studies and a range of new and revamped programmes were approved. These included the MA in Translation, the MA in History, the MA in Heritage Studies, and a complete review of the Linguistics' Graduate Programme. The Department of Library and Information Studies also designed new courses in Metadata, Information Literacy and Integrated Library Systems, and the SOE also developed additional courses for the Technical and Vocational Education and Training (TVET) programmes.

The Department of Literatures in English began work on refashioning their MA to include a Blended Masters Programme in Literary and Educational Studies which will be delivered jointly with the SOE so as to meet the demands in Teachers' colleges. The Department of Library and Information Studies is also exploring with UNESCO's encouragement a graduate programme in Archives and Records Management. The SOE began development of three new Masters programmes in Higher Education Management, in Educational Planning and Policy and in Principalship and Central Leadership. The full review and approval process for these programmes will be completed in time for offer for the 2014/2015 academic year.

A workshop for Supervisors, under the theme “Profile of a Successful Supervisor” was held on June 25, 2013, with the support of the Office of Graduate Studies and Research. Plans are also well advanced, in conjunction with the staff of the Main Library, to mount a special workshop on thesis preparation for research students.

## **RESEARCH AND INNOVATION**

### **Publications and Awards**

Four colleagues published books during the period under review:

- Professor John Bewaji, Department of Language, Linguistics and Philosophy.
- Dr. Daive Dunkley, Department of History and Archaeology
- Dr. Dave Gosse, Department of History and Archaeology
- Dr. Michèle Kennedy, Department of Language, Linguistics and Philosophy.

At the Mona Research Day Awards ceremony in February 2013, Professor Veront Satchell received the Principal’s award for Outstanding Research for his book, *Hope Transformed. A Historical Sketch of the Hope Landscape, St. Andrew, Jamaica, 1660–1960*, (UWI Press 2012). Dr. Stephan Lenik received an award for Best Research Publication (Article) for “Mission Plantations, Space, and Social Control: Jesuits as Planters in French Caribbean Colonies and Frontiers” in the *Journal of Social Archaeology*. Dr. Paulette Kerr also received an award for Best Research Publication (Article) for “Explicit Goals, Implicit Outcomes: Information Literacy Education in Developing University Graduate Attributes” in *UWI Quality Education Forum*. Dr Cherrell Shelley-Robinson received the award for the Research Project with the Greatest Development Impact for the UNESCO sponsored Survey of Media and Information Literacy Among Teachers, In-Service and In-Training in Four Caribbean Countries. Dr. Kathleen Monteith was awarded the University of the West Indies

Press' Chancellor's Personal Award for *West Indian Business History: Enterprise and Entrepreneurship*, (co-edited with Barry Higman).

## **NATIONAL ENGAGEMENT AND OUTREACH**

The Faculty maintained its national profile with departments mounting Conferences, distinguished public lectures, symposia and film festivals. Specific mention is made of the following:

- The SOE's Research Unit was part of a team that was commended by the Ministry of Education for its report on the status of the implementation of the National Curriculum, Language, Literacy, Numeracy and Modern Languages Strategies.
- The SOE was successful in obtaining funds for three years from CHASE which are being used for two purposes. The first is the establishment of the *SOE Centre for the Assessment and Treatment of Exceptionalities (SOCATE)* that will test children with a range of exceptionalities, including giftedness. The second purpose involves assisting 15 Basic Schools to meet the requirements for licensing by the Early Childhood Commission and also to assist with the upgrading of five primary schools, including those within the UWI Township Project.
- The SOE provided leadership for an inner-city project which involves the participation of 42 inner-city students from Operation Restoration Christian School in a pilot study on the effect of a music intervention on students' self-esteem, music efficacy and literacy skills.
- The Institute of Caribbean Studies, in collaboration with the British Council and Visual and Performing Arts Jamaica, hosted a two-day Creative Industries Seminar titled "Exporting Creativity", March 25 and 26, 2013. Long-standing members of the Creative Industry Sector, newer entrants, and students from the UWI, Edna Manley College and Excelsior Community College attended.
- In October 2012, the Confucius Institute launched the Affiliated Chinese Classrooms at Ardenne High School and Champion College,

and also administered the HSK Examinations for students hoping to eventually study in China.

- Several Departments mounted workshops on the Campus for teachers and students in support of the respective CXC/CAPE syllabi, and the SOE mounted two workshops on Teaching Caribbean Poetry on the campus of two Teachers' colleges.

## **REGIONAL AND INTERNATIONAL COLLABORATION**

Several colleagues in the Faculty supported the Caribbean Examinations Council's CSEC and CAPE examinations by serving on Subject Panels and as Chief and Assistant Chief Examiners in respective disciplines.

The ICS hosted the third International Reggae Conference, February 14–16, 2013 under the theme “Traditional and Emerging forms of Popular Music” which attracted a diverse mix of international academic/professional speakers, presenters and participants and generated significant electronic/print media attention, locally and internationally.

The SOE organized an international symposium on March 21–22 on the theme of *Literacy for Peace, Progress and Prosperity*, and it attracted participants from Jamaica, other Caribbean countries and several North American locations.

In collaboration with the Department of Literatures in English and CARIMAC, the Philosophy section, in conjunction with the University of Missouri, hosted the first Africa World Documentary Film Festival which was held at the Mona Campus over four days in April 2013.

With assistance from UNESCO, the SOE conducted an international workshop on May 15–17 on Education for Sustainable Development with special emphasis on Climate Change Education for Sustainable Development. The workshop was attended by participants from Jamaica, other Caribbean countries and the United States.

The annual Department of History and Archaeology's Field School in Archaeology was conducted in the period May 20–30, 2013, at Fort

## DEAN'S OVERVIEW

Rocky, Palisadoes, and undergraduate students from St. Mary's College, Maryland, and graduate students from the Appalachian State University in the USA participated, as did personnel from the Jamaica National Heritage Trust and two Jamaica Defence Force soldiers from the Military Museum at Up Park Camp.

## CARIBBEAN INSTITUTE OF MEDIA AND COMMUNICATION (CARIMAC)



**Professor Hopeton S. Dunn, PhD *City Univ., Lond.*  
Director**

### **OVERVIEW**

The start of the year saw a leadership handover from Dr Canute James to Professor Hopeton Dunn as Director.

During academic year 2012/13 CARIMAC expanded its student intake substantially by admitting a record 410 undergraduate students into its three (3) bachelor's degree programmes, namely Journalism, Digital Media Production (DMP) and Integrated Marketing Communication (IMC). To accommodate the increased numbers, additional classroom facilities and course delivery arrangements were introduced.

The final cohort of students under the old Media and Communication bachelor's degree programme completed their studies at the Institute.

To improve admission arrangements, the long-standing CARIMAC Entrance Test was earlier abolished, enabling 2012/13 applicants to be evaluated by a defined series of admission criteria and by careful review of their individual matriculation records.

CARIMAC intensified its engagement with the UWI's Western Jamaica Campus (WJC) where, in the year under review, 87 students were enrolled in the two degree programmes offered there: IMC and DMP. This strong WJC presence continued the role of the Institute as being the flagship department of the Faculty of Humanities and Education.

CARIMAC's MPhil/Ph.D programme, which had been put on hold during the preceding year, was revitalized and restored for registration by a new crop of research students. At the Masters degree level, 33 new graduate students were admitted, spread almost equally between the two existing CARIMAC Master's degree programmes: Communication Studies (CS) and Communication for Social and Behaviour Change (CSBC).

During the year, CARIMAC engaged in a wide range of public outreach, research and student activities which raised the profile of the Institute nationally and within the University itself.

The Institute began active preparations for its intended transition to a School of Communication within the Faculty of Humanities and Education, UWI and for observance of its 40th Anniversary to take place in October 2014.

## **WORK OF THE INSTITUTE**

The work of CARIMAC in 2012/2013 has been guided by the Operational Plan developed in close consultation with all levels of staff and other stakeholders. The Plan articulates with the UWI Strategic Plan as well as with the visions and policies of the Mona Campus and the Faculty.

## **ACADEMIC PROGRAMMES**

During 2012/13 CARIMAC offered a full suite of academic programmes. These included the Diploma in Media and Communication; three undergraduate degrees in Journalism, Digital Media Production (DMP) and Integrated Marketing Communication (IMC); two Master's degrees

in the areas of Communication Studies (CS) and Communication for Social and Behaviour Change (CSBC) and the MPhil /PhD degrees by research.

### **The Diploma Programme**

While continuing to admit small numbers of students into this foundation CARIMAC programme, the Institute has determined that it should be re-structured to bring its content in line with the new curriculum being offered by CARIMAC. Work has therefore already started on curriculum review while seeking to retain its strong attractiveness to in-service media professionals from Jamaica and the Eastern Caribbean.

### **The Undergraduate Programme: Student Enrolment**

CARIMAC degree programmes continue to be highly sought after by students seeking admission to the Faculty. This was reflected in 410 admissions to our three undergraduate degree programmes in 2012/13, as follows:

- Journalism – 140 students
- Digital Media Production (DMP) – Mona 19; WJC 53 students
- Integrated Marketing Communication (IMC) – Mona 87; WJC 51 students

The old BA degree in Media and Communication was phased out this year, with the last cohort of students under this programme (Mona 45, WJC 15) expected to graduate in November 2013.

### **The Master's Programme**

In 2012/13 CARIMAC offered admission to graduate students in two Master's degree programmes:

- MA in Communication Studies – 16 students
- MA in Communication for Social and Behaviour Change – 17 students



### **The MPhil/PhD Programme**

During 2012/13 there were two students registered under the MPhil/PhD, with research studies at varying stages towards completion. The programme was put on pause to restructure its supervisory arrangements and to review research proposals by prospective candidates. Having completed this exercise, the programme was restored to full operation, with new candidates being invited to make applications, effective August/September 2013.

### **STUDENT SUPPORT AND ACTIVITIES**

In common with students throughout the University, many CARIMAC students struggled with financial challenges in 2012/13. However, with arranged industry support and internal counselling being offered to difficult cases, this situation did not reflect itself in any significant attrition in the enrolled student population in the Institute. There continues to be a ratio of approximately 70% female to 30% male students in CARIMAC, reflecting trends throughout the University's Mona Campus.

### **CARIMAC OPEN WEEK**

The 4th renewal of CARIMAC Open Week took place from May 14–16. This series of student-centred events provided an opportunity for undergraduate and graduate students and staff to display the work that they have been doing and to make public presentations on the best research projects. The week's exposition contributed to the employment of several students and provided valuable critique of the work of students by external reviewers.

### **STUDENTS' BUSINESS LUNCHEON**

For the 5th year running, CARIMAC hosted a formal business luncheon for its final year students from both Mona Kingston and WJC. Jamaica

National Building Society provided sponsorship for the luncheon this year which was held for some 150 students at the Knutsford Court Hotel in Kingston. The event provided the opportunity for undergraduate students to hone their skills in formal dining etiquette, business interaction and professional attire, as they prepare to enter the world of work as media professionals. A special coach was arranged for return transportation of students from WJC.

### **CARIMAC STUDENT SOCIETY**

Continuing a process from previous years, a group of CARIMAC students remained active in the CARIMAC Student Society (CSS) established by the students themselves to develop leadership skills, enhance interaction and to highlight the perspectives of students in the development of CARIMAC. They meet as a group every Thursday afternoon at CARIMAC.

### **CARIMAC STUDENTS SOCIALS**

A welcome reception for new students was held on September 7, 2012 and the final year students' social took place on April 19, 2013. Similar activities took place for graduate students, particularly new entrants to the Master's degree programmes.

### **CARIMAC BOOTCAMP AND SHORT COURSES**

For the first time this year the CARIMAC Bootcamp was introduced for the benefit of final year CARIMAC students and working industry professionals. The short intensive courses that were offered at Bootcamp were in the technical areas of camera work and digital editing.

Attended by 30 fee-paying participants, Bootcamp was a resounding success. It fulfilled its objectives as a means of orienting students into the demands of professional work and offered an opportunity for them to interact with working industry professionals while they learned advanced skills together. It also boosted the image of CARIMAC as a 'hands on'

professional institution to complement our established reputation of also offering sound conceptual and theoretical groundings.

### **STUDENT AWARDS**

The following students received special awards at the Faculty Awards Ceremony held on November 8:

- **Shauna-Kay Battick**, The Multimedia Jamaica CARIMAC Award
- **Monique Jones**, The Jamaica Gleaner Company CARIMAC Award for Print and Online Journalism
- **Abigail Henry**, The CVM Television CARIMAC Award for Television
- **Rashawn Thompson**, The Nationwide News Network CARIMAC Award for Radio
- **Kayon Raynor**, The CARIMAC Social Marketing Award
- **Tsahai Thomas**, The Jamaica Public Service Company CARIMAC Award for Public Relations and The Director's Award for Excellence
- **Kiah Proute**, The Spectrum Management Authority CARIMAC Award for Digital Media Production

### **CARIMAC WJC**

During 2012/13, CARIMAC remained an active and leading presence among students at the Western Jamaica Campus.

As part of the Communication Analysis and Planning (CAP) project CARIMAC students organized the WJC promotional scheme called the Ambassadorial Corps. which enlisted outstanding community leaders and associated them with the Campus by publicly designating them ambassadors with a commitment to assisting the campus and the University to better integrate.

CARIMAC WJC CAP students also hosted an International Writing and Public Relations Seminar, titled '*Writing for Tourism*' and '*What gets*

*thrown in File 13*. Campus tours were carried out with students from primary schools. Other outreach programmes included breast cancer awareness, support for the St. James infirmary, support for youth of the William Street Community in Montego Bay and blood donation, targeting 100 prospective repeat donors from the community.

### **BOOK LAUNCH AND PUBLIC LECTURE**

CARIMAC WJC hosted two important academic events at WJC during the year. There was the Western Jamaica launch of the book *Ringtones of Opportunity: Policy Technology and Access in Caribbean Communication*, edited by Professor Hopeton Dunn. This was well attended, with the President of the Business Outsourcing Association, Mr Yoni Epstein and Dr Simon Clarke as special guests.

The second event on April 17, 2013, was a public lecture and panel discussion on the impact of Coral Gardens: *Lessons in Police-Citizen Relations and the Way Forward*. The panel discussion was preceded by the public lecture on the topic delivered by Mr Hugh Small, eminent Jamaican attorney-at-law and retired Supreme Court Justice of the Commonwealth of the Bahamas. This event was also well attended and received good coverage in the regional and national media.

### **LAUNCH OF THE CARIMAC DISTINGUISHED LECTURE SERIES**

At the Mona Campus, the CARIMAC Distinguished Lecture Series was launched in November 2012, with the first presenter being Madame Corine Lesnes, the Washington-based correspondent for the widely respected French newspaper *Le Monde*. After a lively class presentation at CARIMAC, the Guest Speaker addressed a wide range of participants in a public lecture held on November 19, 2012 at CARIMAC Lecture Room. She focused on her journalistic experience in the media coverage of the then recently concluded US presidential elections.

The second in the lecture series was delivered by the Right Hon. Sir Dennis Byron, President of the Caribbean Court of Justice (CCJ), on

February 26, 2013, at the UWI Undercroft. He addressed the role of the CCJ and its importance to legal, judicial and economic development in the Caribbean. He also made a special class presentation and had an interactive discussion on media and the CCJ with undergraduate students at CARIMAC.

CARIMAC also hosted the third renewal of the CARIMAC/Aggrey Brown Distinguished Lecture that formed the third presentation in the CARIMAC Distinguished lecture series. Respected Jamaican journalist, Hon. Barbara Gloudon, delivered the lecture on the topic, “Media and the Arts: Tools for Communication, Education and Development” on April 11, 2013.

### **PHYSICAL UPGRADE AND EQUIPMENT**

As part of an internal initiative aimed at restoring or acquiring additional teaching space, the main CARIMAC Lecture Room (CLR) which had been converted into a set of small offices, was reclaimed and refurbished. An additional large lecture room capable of accommodating 250 was acquired, alongside office spaces and a room which were converted to a computer lab.

This building, located close to the CARIMAC main building, had earlier been vacated by the Faculty of Law. It was refurbished and designated CARIMAC Annex 2.

A small office in the main CARIMAC building was also allocated for the Part-time staff, thereby giving dedicated seating and computer access to a key segment of our teaching personnel.

### **PAPERS PRESENTED**

- CARIMAC Director, **Professor Hopeton Dunn** delivered a specially invited lecture at an academic Conference hosted by the University of Padova in Italy in February 2013.

- **Professor Dunn** and **Dr Corinne Barnes** presented separate papers at the Dublin, Ireland, conference of the International Association for Media and Communication Research (IAMCR) in June 2013. The conference was also attended by Ms Fae Ellington.
- **Dr Livingston White**, **Maria Protz** and **Olivia Bravo** prepared a paper that was delivered by Dr White at the European Communication and Research Educators Association (ECREA) Conference in Istanbul, Turkey in October 2012
- **Dr Livingston White** also presented academic papers at the 3rd International Reggae Conference 2013, UWI, Mona Campus in February 2013, at the World Social Marketing Conference in Toronto, Canada in April 2013, and at Bournemouth University, United Kingdom, in June 2013.
- **Yvette Rowe** presented research papers at a conference in Copenhagen, Denmark in June 2013 and again at the European Media Management Education Association (EMMA) Conference, at Bournemouth University, United Kingdom in June 2013.
- **Charmaine Henry** presented a paper at the Bi-Annual Conference of the University of the West Indies, St. Augustine Campus, Trinidad and Tobago in April 2013, and made a seminar presentation on her MPhil Research work at the School of Education, Mona Campus, in June 2013.
- **David Soutar** participated in a presentation at the Slash Roots Workshop as part of the Caribbean Open Data Conference at the Mona School of Business and Management in April 2013.
- **Dr Canute James** served as chief judge and **Fae Ellington** was guest speaker at the Annual Awards Ceremony of The Media Workers Association in Grenada, December 2012.

## PUBLICATIONS

### Books

- **Dunn, Hopeton** (2012) (Editor) *Ringtones of Opportunity: Policy, Technology and Access in Caribbean Communications*. Ian Randle Publishers, Kingston (300 pages)

### Chapters in Books

- **Dunn, Hopeton** (2012). “Slavery and Emancipation in the Caribbean: Preserving the Public Memory” in *Public Memory, Public Media, and the Politics of Justice*. Philip Lee & Pradip N. Thomas (Eds). Palgrave MacMillan, United Kingdom. pp. 184–199.
- **Dunn, Hopeton** (2013) ‘Something Old, Something New...’ WikiLeaks and the Collaborating Newspapers – Exploring the Limits of Conjoint Approaches to Political Exposure in *Beyond WikiLeaks: Implications for the Future of Communications, Journalism and Society*. Benedetta Brevini, Arne Hintz and Patrick McCurdy (Eds). Palgrave MacMillan Publishers Limited, UK.

### Journal Articles

- **Rowe, Yvette**. (2013, March/June). “Vitamin S: Messages, Music and Video – An Analysis of the Sexual Content and Perceptions of Sexuality Communicated in Popular Jamaican Music Videos”. *Social and Economic Studies* (0037-7651), 227–47.
- **Campbell, Steffon**. “Thou shalt not be black”: The subjugation of Negroes in the Caribbean through Christianity, *International Journal of Education and Research*. Vol. 1 No. 4 April 2013.
- **Prendergast, Patrick**. “Modernity, Empowerment and Grassroots Communication in the English-Speaking Caribbean” *Caribbean Quarterly*, Vol. 58, No. 2/3, June-September 2012.
- **Prendergast, Patrick**. “Building Partnerships in Educational Programming for Healthy Communities” in *Learning with Community Media: Stories*

*from the Commonwealth and Latin America* (Ian Pringle, Ekta Mittal, Monica Valdes (Editors) Commonwealth of Learning, Vancouver 2012.

## **PROJECTS**

CARIMAC successfully completed several commissioned research projects, including for the Broadcasting Commission of Jamaica and the Planning Institute of Jamaica, led by Dr Livingston White.

An Environmental Foundation of Jamaica sponsored documentary was completed by CARIMAC. The documentary tells the story of the Foundation's impact in the areas of Environmental Sustainability, Child Development & Survival.

CARIMAC, through a partnership with Egis Eau, a French company specializing in development engineering, has been jointly awarded a two-year contract for the "Implementation of the National Energy Plan Communication and Public Education Programme" by the Ministry of Science, Technology, Energy and Mining. The CARIMAC project team was led by Olivia Bravo.

## **WORKSHOPS AND TRAINING COURSES**

Workshops and short courses remain a staple of CARIMAC's income earning activity. The Institute delivered workshops in Speech Writing, Video Production and Broadcast Presentation Skills for three government agencies. It also developed and facilitated a workshop on Ethnography in Market Research for a major corporate conglomerate. Dr Livingston White and Dr Loraine Cook jointly facilitated this workshop.

CARIMAC also delivered workshops to staff at the Jamaica Information Service and Grace Kennedy Limited in the Fundamentals of TV Presenting (September 10–20) and Using Ethnography in Market Research (October 30–November 16), respectively.



In January 2013, the Institute delivered video production training to seven (7) representatives of the Rastafarian and Maroon communities in the second phase of the World Intellectual Property Organization's Creative Heritage Project on Cultural Documentation and Intellectual Property Management of Indigenous and Local Communities. This training was done in cooperation with the Jamaica Intellectual Property Office and was led by Mr Franklyn St Juste.

## **PUBLIC SERVICE AND OUTREACH ACTIVITIES**

### **Professor Hopeton Dunn**

- Chairman, Broadcasting Commission of Jamaica
- Director, Mona ICT Policy Centre, MSBM, UWI
- Member, UWI Senate and Member of its Disciplinary Panel
- Chief Judge, Media Excellence Award Panel, Jamaica Broilers Fair Play Awards
- Chief Judge, National Housing Trust Journalism Awards for Sustained Coverage of Housing and infrastructure Issues, as part of the National Journalism Awards, Jamaica
- Member, Jamaica Computer Society (JCS) Education Foundation
- Planning Advisor to IAMCR 2013 Dublin Conference, and Immediate Past Secretary General, International Association for Media and Communications Research (IAMCR)

### **Dr Canute James**

- Member, Project Steering Committee, CSME Public Education Products
- Member, International Advisory Board, the Radio Journal
- Member, Executive Committee, Association of Caribbean Media Workers

**Dr Livingston White**

- Member, Jamaican Ministry of Education Strategy Development Group
- Member, Jamaican Ministry of Health Monitoring and Evaluation Research Group (MERG) for HIV and AIDS
- Member, American Red Cross' Caribbean HIV and AIDS Project Research Team
- Member of the Ad Council of Jamaica.

**Mrs. Corinne Barnes**

- Regional Coordinator, Global Media Monitoring Project

**Ms. Fae Ellington**

- Chair, Board of Directors, Jamaica Cultural Development Commission (JCDC)
- Chair, Advisory Board for Jamaica Information Service (JIS)
- Director, Access to Information Act Tribunal
- Board member, St. Hugh's High School
- Board member, E-Learning Jamaica
- Board member, the CHASE Fund.

## DEPARTMENT OF HISTORY AND ARCHAEOLOGY



Dr Kathleen E.A. Monteith, BA, MPhil *UWI*, PhD *Reading, UK*  
Head of Department

### **WORK OF THE DEPARTMENT**

The Department was reviewed in March 2013 by a Quality Assurance Review team which included Professor Richard Blackett, Vanderbilt University, Professor Pedro Welch, Dean, FHE, UWI, Cave Hill, and Mr Bernard Jankee, Executive Director, ACIJ/Memory Bank. In preparation for this review, the Department prepared a comprehensive Self-Assessment Report, which provided the opportunity to reflect on how it could continue to improve its course offerings, and thereby fulfil aspects of its Operational/Strategic Plan. The Review Team commended the Department for its timely and comprehensive Self-Assessment Report (SAR). It noted that the SAR reflects a deep level of commitment to the task of improving the Department and demonstrates a spirit of collaboration and work over the last five years. The Review Team noted the current condition of the facilities housing the Archaeology laboratories, and

emphasized the urgency with which the University administration needed to take to address this issue.

In its preparation for the SAR, the Department undertook a review of the course offerings in the various concentrations, and made a number of recommendations for improvement with a view to providing greater cohesion.

### **TEACHING & CURRICULA DEVELOPMENTS**

New courses in European History include H2405: War and Conflict in Europe, 1870–1945, and H2406: Politics and Society in Europe since 1945, both to replace existing Level II European History courses were approved by the Campus Academic Quality Assurance Committee (AQAC). HIST2406 was offered in Semester 2 of 2012/13, with HIST2405 being offered in 2013/14.

The Department also recognized the need to re-classify some of the courses assigned to the “Global” concentration/stream. Accordingly, a new Concentration/Stream – “Asia and the Middle East” – was created to include:

- HIST2503: History of Modern China
- HIST3501: Modern Japan: From Meiji to the Present
- HIST 3502 History of the Middle East, 1915–1973.

The courses which remain in the Global Concentration/Stream are:

- HIST2602: Imperialism since 1918
- HIST2606: Multinational and International Banking since the 19th Century
- HIST2603: Growth of the International Economy since 1850
- HIST 3601 Capitalism and Slavery
- HIST3602: Comparative Economic History of Slavery
- HIST3608: History of the Multinational Corporation since 1850

- HIST 3614: By the Rivers of Babylon: The African Diaspora in the West.

A number of revisions to programmes remain outstanding, and include the BA in Africa and African Diaspora, and in conjunction with the School of Education, the BA in History and Education.

### **THE HISTORY AND ARCHAEOLOGY SOCIETY**

The History and Archaeology Society organised by students under the able guidance of the Department's liaison officer to the Society, Dr Jenny Jemmott, continued to be very active during the year. The Society participated in the first and second UWI, Mona Club Fusion in which they focused on the rich history of the campus.

They displayed the model of the Gibraltar Camp along with a video showing what Port Royal was like before the earthquake of 1692. Their booth quickly became one of the most popular booth displays on the day and, as a result, membership to the Society was boosted to include non-History and Archaeology majors from other Faculties on the campus. The Society's heritage dance troop also performed various cultural songs sung by the Medical Students' Chorale.

At the University of the West Indies Mona Students Awards ceremony held 6 April, 2013, the Society received the award for the Best Sustained Initiative. Oshane Robinson, president of the Society, received an award in the category of Certificate of Excellence for Leadership while Adrian Reid, vice president of the Society, received an award in the category of Certificate of Excellence in Service. Both were nominated for these awards based on their commendable record of student leadership and their unwavering support for the Department.

## **ARCHAEOLOGY**

The annual Field School in Archaeology for the Level II course, Research Methods and Techniques in Archaeology was conducted May 20–30 2013, at Fort Rocky, Palisadoes. This was the second consecutive year at this site. Mona students were joined by students from St. Mary's College, Maryland, USA. Two JDF soldiers assigned to the Military Museum at Up Park Camp also participated receiving training in excavation techniques and analysis, as well as graduate students from the Appalachian State University in the USA.

## **SOCIAL HISTORY PROJECT**

Dr Birte Timm took up her Post-doctoral Research Fellowship awarded by the Marie Curie Fellowship in the Gerda Henkel Foundation M4 Human programmes of April 2013 in the Department. The Fellowship is for two years. She is attached to the Social History Project.

## **28TH ANNUAL ELSA GOVEIA MEMORIAL LECTURE**

The 29th Annual Elsa Goveia Memorial Lecture was held on March 19, 2013 at the Sir Philip Sherlock Centre for the Performing Arts. The Lecture was delivered by Professor Rebecca J. Scott, the Charles Gibson Distinguished University Professor of History and Professor of Law at the University of Michigan. Professor Scott's lecture was "*Was Freedom Portable? Wartime Journeys from Saint-Domingue to Jamaica to Cuba to Louisiana*".

## **DISTINGUISHED VISITORS TO THE DEPARTMENT**

The Department, in association with the Quality Assurance Unit, Board for Undergraduate Studies, hosted a University Distinguished Public Lecture on March 8, 2013. The Lecture was delivered by Professor Richard J. Blackett, the Andrew Jackson Professor of History, Vanderbilt

## Department of History and Archaeology

University. The title of Professor Blackett's lecture was "*The Southern Axis of the Atlantic Abolitionist Movement*".

On September 21, 2012, the Department hosted Dr. Raymond Brown, Deputy Chief of Mission at the U.S. Embassy in Kingston, who delivered a Public Lecture titled, "*Unfolding History: Ending Chattel Slavery in the USA.*" in commemoration of the sesquicentennial anniversary of the abolition of slavery in the United States.

### **HISTORY AT FIFTY CONFERENCE AND HONOURING B.W. HIGMAN**

The Department held its the *History at Fifty* conference in commemoration of Jamaica's 50th year of Independence. This took place over three days, November 8–10, 2012 and involved nine panels in which historians and non-historians from various disciplines demonstrated through their work the relevance of History to all facets of life. Some of the themes covered included engaging the past through theatre; cultural history, heritage and identity; politics and government, landscape history and educational policies, science, technology and health, and archaeology, heritage preservation and management. Local and international scholars participated.

At the Opening Ceremony of the conference, the Department took the opportunity to honour UWI and ANU Emeritus Professor Barry Higman, presenting him with a citation for his thirty years of service to the Department, and indefatigable and celebrated contribution to Jamaican and Caribbean history.

### **PUBLIC OUTREACH**

Members of staff were engaged in a number of public outreach activities, which include the provision of consultancy services to international organisations, participation in radio and television discussion programmes, organising conferences and symposia, and delivering public lectures at various venues, locally and overseas. The Department also held its annual CAPE History lecture series for High School students and teachers on

April 13, and 20, 2013. Units 1 and 2 of the CAPE History syllabus were covered, and included the following themes: The Issues Relating to the Institution of Slavery; Popular Protest and Enfranchisement; Independence, Assimilation in the Francophone Caribbean; French Revolution: Causes and Consequences up to 1799; South Africa: Mandela and the National Liberation Movement; Independence and National Development up to 1900 – Brazil & Venezuela.

### **STAFF MATTERS**

Positions for Lecturers in African History, Latin American History, and the Atlantic World (the Americas) and the Black Diaspora were filled during 2012/13. With the exception of Latin American History, all positions were filled by persons previously holding temporary contracts in the Department, namely, Dr. Enrique Okenve and Dr. Jenny Jemmott. Dr. Robert Sierakowski joined the Department as Lecturer in Latin American History. Dr. Stephan Lenik, Lecturer in Archaeology resigned his position in January 2013, while Dr. Matthew Smith returned from Research Fellowship Leave. Professor Waibinte Wariboko and Dr. James Robertson went on Sabbatical leave for the year. While on Sabbatical Leave, Dr. Robertson was InterAmericas Fellow at the John Carter Brown Library, Brown University for the period October, 2012–March, 2013. Ms Rudy-Ann Dennis returned to the Department as Temporary Clerical Assistant in November 2012, and subsequently received a contract offering her a regular post at Secretary III, effective August 1, 2013. Dr. Kathleen Monteith along with co-editor Emeritus Professor Barry Higman were awarded the University of the West Indies Press Chancellor's Personal Award for *West Indian Business History: Enterprise and Entrepreneurship*, at the University of the West Indies Press Awards in 2012. Dr. Veront Satchell received the 2011/2012 Principal's award for Best Research Publication (Book) and Most Outstanding Researcher in the Faculty of Humanities and Education for *Hope Transformed. A Historical Sketch of the Hope Landscape, St. Andrew, Jamaica, 1660–1960*, (2012). Dr. Stephan Lenik received the 2011/12 Principal's award for



Best Research Publication (Article) in the Faculty of Humanities and Education for “Mission Plantations, Space, and Social Control: Jesuits as Planters in French Caribbean Colonies and Frontiers”, *Journal of Social Archaeology*, Vol. 12, 1 (2012).

## **PAPERS PRESENTED**

### **History at Fifty Conference**

#### **Jonathan Dalby**

- ‘Elite Conspiracy or Self-Induced Punishment? The Cholera Epidemic of 1851–52 and its Impact on Post-Emancipation Jamaica,’ *History at Fifty* Conference, UWI, Mona, November 8–10, 2012, 31pp.
- ‘The History of Crime and Justice in Jamaica: Some Thoughts on Sources and Methods’, Department of History and Archaeology Staff/Postgraduate Seminar, UWI, Mona, November 30, 2012, 20pp.

#### **Daive Dunkley**

- “International Rasta: The Leadership and Legacy of Archibald Dunkley,” 38th annual conference of the Caribbean Studies Association, Grand Anse, Grenada, June 5, 2013. 20pp.
- “Introducing Leonard Howell: Rastafari Founder and Anti-Colonial Warrior”. Forum on Liberators Rising From the West: Sam Sharpe, Marcus Garvey and Rastafari, UWI, Western Jamaica Campus, November 27, 2012, 15pp.

#### **Dave Gosse**

- “Technology and Productivity on Selected Plantations in Early Nineteenth Century Jamaica”, *History at Fifty* Conference, UWI, Mona, November 8–10, 2012, 18pp.
- “The Enslaved Women of Jamaica, Immorality and their Ethics of Resistance,” Sam Sharpe and the Praxis of Religion: Revolt, Resistance and the Re-ordering of Society Conference, UWI, Mona, October 12–14, 2012, 21pp.

### **Jenny Jemmott**

- “On the Road to Recovery: Institutional Care of the Mentally Ill in Nineteenth-Century Jamaica,” *History at Fifty* Conference, UWI, Mona, November 8–10, 2012, 19pp.

### **Aleric Josephs**

- “Women, the Missionary Enterprise and the Transformation of Post-slavery Jamaica,” *History at Fifty* Conference, UWI, Mona, November 8–10, 2012, 20pp.

### **Stephan Lenik**

- “Historical Archaeology and Preservation of a Cemetery Discovered on the UWI, Mona Campus”, *History at Fifty* Conference, UWI, Mona, November 8–10, 2012, 9pp.
- “Memories of Conflict and Plantation Space at Geneva Estate, Dominica, 111th Annual Meeting of the American Anthropological Association, San Francisco, CA., November 14–18, 2012, 11 pp.
- “History and Archaeology of Event and Process on Plantations in Grand Bay, Commonwealth of Dominica,” 46th Annual Conference on Historical and Underwater Archaeology, Leicester, Great Britain , January 9–12, 2013, 13pp.
- (With Kerisha Barr, Melissa Bryan, Adrian Reid and Oshane Robinson), “Archaeology at Fort Rocky (Rocky Point Battery): A Preliminary Report,” 11th Annual Symposium of the Archaeological Society of Jamaica, UWI, Mona, April 11, 2013, 10pp.

### **James Robertson**

- “Jamaica’s Ambivalent Urban Enlightenments” 37th Conference of the Society for Caribbean Studies, Warwick University, July 3, 2013, 15pp.
- “The Experience and the Imagination of a Slave Revolt: An Uprising in St. Mary Parish, Jamaica, in 1765” Atlantic Seminar, New York University, February 12, 2013, 43pp.

## Department of History and Archaeology

- “‘The Protector’s Darling’: Jamaica in Oliver Cromwell’s Western Design,” Fellow’s Talk, John Carter Brown Library, Brown University, January 23, 2013, 17pp.

### Robert Sierakowski

- “Response to ‘Colonialism and the Constitution,’” Faculty of Law Seminar, UWI, Mona, April 19, 2013, 10pp.
- “Defending the Dictatorship: Peasant Military Service and State Terror in Nicaragua, 1956–1979,” Department of History and Archaeology Staff/Postgraduate Seminar, UWI, Mona, March 1, 2013, 24pp.
- “Gendered Geographies of Violence: Revolution, Counterinsurgency and Motherhood in Nicaragua, 1978–1979,” Conference on Latin American History (CLAH)/American Historical Association (AHA) Conference, New Orleans, Louisiana, January 6, 2013, 30pp.
- “They Planted Corn and Harvested Guardias: Subalterns, State Terror and the Modernization of Violent Populism in Somoza’s Nicaragua,” Latin American Studies Association (LASA), San Francisco, California, May 25, 2012, 25pp.

### Matthew Smith

- “Dictators Without Borders: Haitian Exiles in Late Nineteenth Century Jamaica,” Haiti in A Globalized Frame Conference, Florida State University, Tallahassee, FL., February 14–16, 2013, 20pp.
- “Haitian Revolutions: Politics, Conflicts, and the Long Shadow of 1804,” 1804 and Its Afterlives Conference, Nottingham Contemporary, Nottingham, UK, December 7–8, 2012, 20pp.
- “Everywhere Alone: Exile in Nineteenth Century Haitian History,” Slavery and its Aftermath in the Atlantic World Conference, University of Illinois, Chicago, October 5, 2012, 20pp.

### Swithin Wilmot

- “‘Black Man Time’: Vestry Politics, 1830 to 1865,” *History at Fifty* Conference, UWI, Mona, November 8–10, 2012, 25pp.

## **PUBLICATIONS**

### **Books & Monographs**

#### **Daive Dunkley**

- *Agency of the Enslaved: Jamaica and the Culture of Freedom in the Atlantic World*. Lanham, MD: Lexington Books/Rowman and Littlefield, 2013. 223 pp.

#### **Dave Gosse**

- *Abolition and Plantation Management in Nineteenth Century Jamaica*. Kingston: The University of the West Indies Press, 2012. 236 pp.

#### **Veront Satchell**

- *Hope Transformed: A Historical Sketch of the Hope Landscape, St Andrew, and Jamaica 1660–1960*. Kingston: The University of the West Indies Press, 2012. 485 pp.

### **Journal Articles & Book Chapters**

#### **Daive Dunkley**

- “The Suppression of Leonard Howell in Late Colonial Jamaica, 1932–1954,” *New West Indian Guide* 87, 1/2 (2013): 62–93.
- “Leonard P. Howell’s Leadership of the Rastafari Movement and His ‘Missing Years,’” *Caribbean Quarterly* 58, 4 (2012): 1–24.
- (Book Review) *Caribbean History: From Pre-colonial Origins to the Present*. Tony Martin, Upper Saddle River, NJ: Pearson Education, 2012. *Caribbean Quarterly* 59, 1 (2013): 106–108.

#### **Wigmoore Francis**

- “Towards a Pre-History of Rastafari,” *Caribbean Quarterly* 59, 2 (2013): 51–72.

- “From Black Supremacy to One Love: Rastafari and Peace.” In *Living in Peace: Insights from World Religions*, Chanju Mun and Ronald S. Green, (eds.). Honolulu: Blue Pine, 2012. pp. 205–34.

**Jenny Jemmott**

- “Institutional Care of the Mentally Ill in Nineteenth-Century Jamaica,” *International Journal of Education and Research*, Vol. 1: 6, (June 2013): 57–68.

**Stephan Lenik**

- “Community Engagement and Heritage Tourism at Geneva Estate, Dominica,” *Journal of Heritage Tourism, Special Issue: Heritage Tourism in the Caribbean*, 8, 1 (2013): 9–19
- (Book Review) *The Caribbean: A History of the Region and Its Peoples*. Stephan Palmié, & Francisco A. Scarano (eds), Chicago: University of Chicago Press, 2011. *Journal of Caribbean History* 46, 2 (2012): 233–235.
- (Book Review) *Rethinking Puerto Rican Precolonial History*, Rodríguez Ramos, Reniel. Tuscaloosa: University of Alabama Press, 2010. *Caribbean Quarterly*, 58, 4 (2012): 141–144.

**Kathleen E. A. Monteith**

- “Boom and Bust in Jamaica’s Coffee Industry, 1790–1835,” *Journal of Caribbean History*, Vol. 47, No. 1, 2013: pp. 1–27.

**James Robertson**

- (With Andrew Pearson and David Miller). “Stories of Hellshire: Part 1, The Early Years,” *Jamaica Journal* 34, 1&2 (2012): 80–87.
- “Knowledgeable Readers – Jamaican Critiques of Hans Sloane’s Botany.” In *From Books to Beozars: Sir Hans Sloane*. Alison Walker, Arthur MacGregor and Michael Hunter, (eds). London: British Library, 2012. 80–89 and 263–266.

### **Veront Satchell**

- “At Work in the Fields of Their Lords,” *Technology and Culture* 54:2 (2013): 389–393.
- (Book Review) *Cuban Sugar Industry: Transnational Network and Engineering Migrants in Mid Nineteenth Century Cuba*, Jonathan Curry-Machado. New York: Palgrave Macmillan, 2011. *Journal of Caribbean History* 47:1 (2013): 113–117.

### **Matthew Smith**

- “Haiti from the Outside In: A Review of Recent Literature,” *Radical History Review: Special Issue-Haitian Lives/Global Perspectives*, 115 (Winter 2013): 203–211.
- “Un Histoire sous les Décombres: le Séisme de 1842,” in *Revue de la Société Haïtienne d’Histoire et de Géographie*, 241–244 (January-December 2012): 219–229.
- “Vive 1804!: The Haitian Revolution and the Revolutionary Generation of 1946,” (Reprint) in, *Haitian History: New Perspectives*, Alyssa Sepinwall (ed.) (London: Routledge, 2013): 256–272.
- (Book Review) *Vodou Songs in Haitian Creole and English*. Benjamin Hebblethwaite. Philadelphia: Temple University Press, 2012. *Journal of West Indian Literature* 21 no. 1 & 2 (November 2012/April 2013): 215–217.

### **PUBLIC SERVICE**

#### **Dave Gosse**

- Chairman, Board of Management, The Ardenne High School.

#### **Jenny Jemmott**

- Member, National World Heritage Committee, Jamaica National Heritage Trust.

**Aleric Josephs**

- Chief Examiner, CAPE Examination Council
- Member: Editorial Advisory Board, IGI Global ([www.igi-global.com](http://www.igi-global.com)), Hershey, Pennsylvania (USA).

**Stephan Lenik**

- Member, Executive Committee, Archaeological Society of Jamaica
- Member, National World Heritage Committee, Jamaica National Heritage Trust
- Member, Council of the Institute of Jamaica.

**Kathleen E. A. Monteith**

- Member, Editorial Board of the *Journal of Caribbean History*
- Member, National Library of Jamaica's Collections Development/ Information Systems and Services and Management Committee
- Member, Board of Directors, Jamaica National Heritage Trust
- Member, Executive Committee, Jamaica Historical Society
- Editor, *Jamaican Historical Review*
- Member, Scholarship/Grants Committee, Anglican Community University of the West Indies, Mona Chapel.

**Veront Satchell**

- Member, Board of Directors, The Mico University College
- Member, Governance Committee, The Mico University College
- Member, Board, The Lady Mico Trust
- Reviews Editor, *Journal of Caribbean History*
- Member, Board of Directors, The Registrar General's Department.

**James Robertson**

- 2nd Vice President, Jamaican Historical Society
- Vice President, Archaeological Society of Jamaica
- Member, Editorial Board, *Journal of Early American History*
- Member, National Archives Advisory Committee.

**Matthew Smith**

- Member, Board of Directors of the Museums and Ethnography Division, the Institute of Jamaica.

**Waibinte Wariboko**

- Member, Editorial Board, *Notes and Records: An International Journal of African and African Diaspora Studies*.
- Member, Editorial Board, *Onyoma: International Journal of Niger Delta Studies*; *Mbari: The International Journal of Igbo Studies*.

**Swithin Wilmot**

- Member, Board of Trustees, The Archbishop Samuel Carter Educational Fund.
- Member, Board of Directors, Museums and Ethnography Division, the Institute of Jamaica.
- Member, Editorial Board, *Journal of Caribbean History*.
- Editor, *Journal of Caribbean History*.
- Convener, Executive Nominating Committee of the Association of Caribbean Historians.



**INFORMATION ON STUDENTS**

**Prizes Awarded**

**The Gladwyn Turbutt prizes for:**

European History	Errol Blair
Archaeology	Melissa Bryan
Atlantic World History	Jordan Craig
Historical Methodology	Jordan Craig
The Asian World Prior to 1600	Renee Davidson
History of the Middle East	Raschid Robertson

**The Neville Hall prize:**

History of the Americas	Rhonda-Lee Scott
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**The Walter Rodney prize:**

African History	Janoy Quarrie
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**The Elsa Goveia prize:**

West Indian History	Karreene Morris
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## DEPARTMENT OF LANGUAGE, LINGUISTICS AND PHILOSOPHY



Professor Silvia Kouwenberg, BA., MA., PhD. *Univ. Amsterdam*  
Head of Department

### **WORK OF THE DEPARTMENT**

The year 2012/2013 saw the successful completion of the consultation processes around four new discipline-specific English language Foundation courses in Critical Reading and Writing and a six-credit year-long course. Having received the support from the Faculty Boards at Mona and the Academic Boards of each Campus, the courses were approved by BUS for first offering in 2013/2014, when the slate of courses will distinguish between students in programmes in Humanities (FOUN1012), Education (FOUN1015), Social Sciences and Gender Studies (FOUN1013), and Science & Technology and Medical Sciences (FOUN1014), thus providing opportunities to students to develop academic reading and writing skills which will allow them to function more efficiently within their disciplinary communities. Of special significance is the approval of

the year-long Foundation course (FOUN1019) for students unable to demonstrate what is considered a sufficient level of English language proficiency for academic success. This course will allow us to attempt to address such English language insufficiencies within the credit structure of the students' programmes. The design of the new Foundation courses arose from the department's proposal, developed by the English Language Section, for the enhancement of communicative competencies in the student population across disciplinary programmes at UWI Mona.

Dr Monica Taylor began her research on "The Role of Writing in National Development: a survey of the use and impact of writing in the public and private sectors in Jamaica," supported by a New Initiative Grant. It is expected that the findings of this research will have a further impact on our approach to the development of writing abilities in the disciplinary programmes.

The Linguistics Section undertook a complete review of its graduate programme, led by Dr. Michèle Kennedy, with active participation from senior and junior members of the Section. The new programme, approved by the Board for Graduate Studies and Research for 2013/2014, consists almost entirely of new courses, and has a clearly defined programme structure. Options for postgraduate study now include a 36-credit M.A in Linguistics and a 23-credit Postgraduate Diploma in Linguistics, the latter intended to lead into an MPhil in Linguistics. Highlights of the new programme include: course options for students with little background in Linguistics; the inclusion of elective clusters in applied linguistics areas; and the inclusion of required courses in academic writing, professionalism in linguistics, ethics, and research methodology.

Under the theme "Philosophy: A way of life for future generations", the department celebrated UWI/UNESCO World Philosophy Day on 15 November 2012. The activities, organised by staff and students of the Philosophy Section, included an exhibition on the different areas of Philosophy; a panel discussion on questions of morality; the review by Ian Boyne of Professor Bewaji's book *Narratives of Struggle* at the launch of said book; and the public lecture by Professor Niyi Coker of the University of Missouri on 'Entertainment, culture and social cohesion –

The case of film in contemporary society'. The day received media attention, and raised the public profile of Philosophy at UWI. Its undertaking formed part of the department's response to the Quality Assurance Review of the Philosophy programme of the preceding year.

The Communication Across the Curriculum Working Group spearheaded and produced a special issue of the OBUS journal *The UWI Quality Education Forum* on "Best Practices in Higher Education: Focus on the Caribbean," guest-edited by Dr Caroline Dyche. This constitutes yet another successful outcome of the group's work, demonstrating the value of a supportive environment for publication.

Visitors to the department included Dr April Baptiste of Colgate University in Hamilton, NY (USA), who spent her sabbatical year with us, collaborating with Professor Devonish on research in environmentalism; and Professor Darlene LaCharité of the Université Laval, Québec (Canada), who visited to further joint research with Professor Kouwenberg, and gave a talk entitled "The Chronicles of Rhotic," March 6, 2013.

### **PUBLIC SERVICE AND PROFESSIONAL OUTREACH**

In collaboration with The Department of Literatures in English and CARIMAC, the Department hosted the first Africa World Documentary Film Festival at the Mona Campus over four days in April 2013. This very successful event, chaired by Professor Bewaji of the Philosophy Section, was made possible by the support of the University of Missouri. It is expected to be the first of an annual series. Dr Ingrid McLaren and Dr Caroline Dyche continued to work with staff in the Faculties of Science & Technology and Social Sciences towards the inclusion of Communication Across the Curriculum approaches in the design and assessment of courses in programmes in those Faculties. They also conducted a workshop for Linguistics and Philosophy staff of the department on such approaches on April 23, 2013.

Through the Jamaican Language Unit (JLU), the department provided critical consultancy services to the Bible Society of the West Indies

towards the successful completion of Di Jamiékan Nyuu Testament (The Jamaican New Testament). The JLU delivered its final report for the Bible Translation Project and manual for the Bible Translation in the Jamaican Language in November 2012, and co-sponsored a public seminar with the Bible Society entitled “A celebration of the Jamaican Creole” on August 30, 2012, in which presentations were made by Professor Hubert Devonish, Ms Nickesha Dawkins, Dr. Celia Blake-Brown and Dr. Michèle Kennedy. Dr Kennedy, along with Mr Bertram Gayle, also presented on Jamaican language and the Bible translation at the 143rd Anglican Synod held April 2013. Dr Monica Taylor gave a public lecture entitled “Towards an informed response to writing in Jamaican: The case of Di Jamiékan Nyuu Testament” at Providence Methodist Church on April 13, 2013.

A Panel Discussion entitled “It’s not just Patwa: Language in Jamaica and the Caribbean” was held on October 17, 2012, at the Montego Bay Civic Centre, with the support of the Western Jamaican Campus, the Montego Bay Community College and the St. James Parish Council. Presentations by Professor Hubert Devonish, Dr Nicole Scott, and Linguistics graduate students Nickesha Dawkins, Kadian Walters and Kedisha Williams highlighted the lessons from a variety of research projects on language in Jamaica and elsewhere in the Caribbean. Other public events with a linguistic focus included a public lecture by Professor Devonish on “Language in Jamaica – then and now: 50 year reflection”, held September 18, 2012 on the Mona campus, and participation by Professor Devonish and Dr Michèle Kennedy in a panel discussion on “Language in Jamaica: the way forward” on Language Awareness Day, held November 2012 at the Edna Manley School for the Performing Arts.

A team consisting of Dr. Nicole Scott, Andre Bernard, Georgette McGlashen, Tyane Robinson and Kadian Walters embarked on a news translation project whereby Jamaican translations of the midday news as well as the 5pm evening news were produced and broadcast on NewsTalk 93 FM. This was continued as a class project for final-year linguistics students, exposing the students both to the experience of radio news

broadcasting and to the language issues that arise when doing translations from standard English into Jamaican.

It is worth noting that the above-mentioned activities as well as the earlier mentioned Philosophy Day could not have taken place without the critical support from part-time lecturers and tutors, who are either postgraduate students in the department or graduates of our postgraduate degree programmes. Through their services to the department, they enable our offering of complete and varied undergraduate programmes and raise our public profile in events, and generally strengthen the department's accomplishments.

Individual staff members lent their expertise to a variety of causes both within and outside the university. A selection follows:

Dr. Lawrence Bamikole spoke on "Divination in African Religion: Implications for Social and Cultural Realities in the Caribbean". Presented at the Founders' Week 2013 – Caribbean Theology: Ecumenism in the Context of Empire. United Theological College of the West Indies, 6th March 2013.

Professor Tunde Bewaji assumed the position of Vice Chairman, Jamaica National Bioethics Committee of UNESCO in July 2012, and has been Consultant Lecturer to the Caribbean Maritime Institute, Kingston, Jamaica since 2011.

Dr. Keren Cumberbatch and Professor Hubert Devonish assumed duties as Secretary and President, respectively, of the Society for Caribbean Linguistics for the 2012–2014 period.

Dr. Caroline Dyche spoke on "Copy Editing" for trainee copy editors of the *Caribbean Journal of Psychology* and graduate students in the Department of Sociology, Psychology and Social Work, May 1, 2013.

Dr Michèle Kennedy is member of the Board of Governors of the Catholic College of Mandeville since 2008; chairs the Selection Committee for Scholarships for Tertiary Education of the Percy and Alice Chang Education Foundation; and has been Financial Officer at Mona for the Society of Caribbean Linguistics since 2007.

Dr. Carmeneta Jones presented on “Believing is Achieving” to second formers at Jamaica College in March 2013; “Critical Thinking and Self Control: Practical Solutions to Substance Abuse” at Patricia House (Drug Rehabilitation Facility), January 2013; “Celebrating Jamaica Fifty Through the Art of Story Telling” at Youth Camp, Kingston, August 2012; and conducted several workshops at inner-city schools.

Dr. Vivette Milson-Whyte was Deputy Chair of the Membership Committee of the Jamaica Fulbright-Humphrey Alumni Association for 2012–13.

### **CURRICULUM DEVELOPMENT**

Dr. Michèle Kennedy developed two courses which were approved by AQAC: LING1403 Introduction to Language for Teachers of Language, and LING2104 Early Language Acquisition in a Creole-speaking Environment.

Two new beginners’ language courses were approved by AQAC: LING1819 Beginners’ Caribbean Sign Language, developed by Dr Keren Cumberbatch, and LING1801 Beginners’ Haitain Creole, developed by Dr Nicole Scott.

Also approved by AQAC was Dr Vivette Milson-Whyte’s LANG2003 Critical Analysis of Communicative Events.

### **PROMOTIONS, APPOINTMENTS, AND ACHIEVEMENTS**

Ms Ava Mundell joined the department as Senior Administrative Assistant, bringing to the post a wealth of experience and good spirits.

Mrs Yvette Mundy-Whyte, the longest-serving member of the department’s administrative staff, was promoted to Administrative Secretary as of July 1, 2013.

Dr Vivette Milson-Whyte and Dr Caroline Dyche enjoyed sabbatical leave, while Mrs Alison Altidor-Brooks was away on study leave for the year.

The Ph.D in Language Education was awarded to **Caroline Dyche** July 2013 after the successful oral examination of her thesis entitled “Demystifying Empiricism: Understanding English language education policy-making in a commonwealth Caribbean university” on October 29, 2012.

**Dr. Ingrid McLaren** was awarded a New Initiative Grant of \$1,000,080.00 for the period July 2013 to July 2014 for a project entitled “Modeling Speech and Writing Interventions in the University Science Classroom”.

**Dr. Michèle Kennedy** received an Award for “Years of dedicated service and outstanding contribution to the Centre for Excellence in Teaching and Learning” at the Centre’s 20th Anniversary Celebration and Awards Ceremony in April 2013.

**Mr. Harvey G. Willis** successfully defended his PhD Thesis entitled “A critical analysis of ethical theory and practice in business in Jamaica, with special reference to Grace, Kennedy and Company and Jamaica Broilers Group of Companies, on June 20, 2013.

**Mr. Joseph Farquharson** was awarded his Ph.D. degree in Linguistics in January.

### **STUDENT ASSESSMENTS OF TEACHING**

Students assessed the overall teaching of the department as follows:

Assessment	Semester I	Semester II
Lecturers’ Mean Score	4.1	4.2
Mean Score for Courses	3.7	3.7

### **THE INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM (IELTS)**

The IELTS Centre was officially launched on February 7, 2013, on the first anniversary of its existence in the department, with the Principal, the Campus Registrar and the Dean of the Faculty of Humanities and



Education among many other guests in attendance. In his address, the Principal emphasized the importance of our position as the only test centre in Jamaica which administers the globally recognized IELTS test. A sample test administered to guests during the launch was well received. The launch was featured in the March 2013 issue of *UWIMONA Now* with usual circulation in the *Sunday Gleaner*. The IELTS Centre booth at the February 2013 Mona Research Day activities raised awareness and contributed to increased candidature. Four hundred and eighty-two candidates sat the IELTS test during the period August 2012 to July 2013. This translates into a monthly average of 40 candidates; with a record high sitting of 83 candidates in April 2013. Financially, the IELTS Centre continues to enjoy an operating surplus.

#### **THE ENGLISH LANGUAGE PROFICIENCY TEST UNIT**

Over 2012/2013, five test sittings of the Mona English Language Proficiency Test were held at different locations across the island for a total of nearly 1,200 candidates; the overall pass rate was at 40%. With the introduction of an English language Foundation course for students with English language skills considered below the threshold for academic success (FOUN1019), the test has been returned to its original role of placement test, and it is being reconfigured to better suit this purpose.

#### **PAPERS PRESENTED**

- **Bamikole, L.O.** “Critical Thinking”, Critical Thinking Workshop, Faculty of Humanities and Education, University of the West Indies, Mona Research Days, February 7–8, 2013. (9pp).
- **Bamikole, L.O.** “The Identity of the African Woman in the Music of Sholla Allyson Obaniyi” International Reggae Conference: Traditional and Emerging Expressions in Popular Music, Institute of Cultural Studies, University of the West Indies, Mona Campus, February 13–16, 2013. (12pp)

- **Bamikole, L.O.** “Sages as Epistemic Authorities in African Epistemology” Staff/Graduate Seminar Series, Department of Language, Linguistics and Philosophy, February 21, 2013. (9 slides)
- **Bamikole, L.O.** “National Identity in the Multicultural State”, Toyin Falola Annual International Conference on Africa and the African Diaspora-Ethnicity, Race, and Place in Africa and the African Diaspora, held at Lead City University, Ibadan, Nigeria, July 1–2, 2013. (16pp).
- **Bewaji, J. A. I.** Workshop on Conflict Management and Prevention, Afe Babalola University at Ado-Ekiti (ABUAD), Ado-Ekiti, Nigeria. November 2012.
- **Bewaji, J. A. I.** “Identity, Memory and Memorials – Challenges to Africana Development”, at Geo-aesthetics Conference, Towson University, Maryland, USA. March 2013. (35pp).
- **Bewaji, J. A. I.** “Forging and Maintaining a Win-win, Parent-Lecturer Relationship in Tertiary Education”. Invited Guest Lecture at Afe Babalola University, Ado-Ekiti, (ABUAD) Workshop on “Excellence in Teaching and Learning in the University System”. Nigeria, April 2013. (32pp).
- **Bewaji, J. A. I.** “Discipline and Indiscipline in Tertiary Educational System”. Keynote Address at Afe Babalola University, Ado-Ekiti, (ABUAD) Workshop on Excellence in Teaching and Learning in the University System”. Nigeria, April 2013. (30pp).
- **Bewaji, J. A. I.** “Identity, Memory and Memorials – Challenges to Africana Development”, Keynote Address at Toyin Falola International Conference, Lead City University, Ibadan, Nigeria. July 2013. (35pp).
- **Lanesman, S.; Cumberbatch K.** and **Adone, D.** “Sociolinguistic Factors in the Endangerment and Vitality of 3 Village Sign Languages”, EuroBABEL Final Conference hosted by European Science Foundation in Leiden, Holland, August 22–26, 2012.
- **Cumberbatch, K.** “What’s in a Name? Name Changes as an Indicator of Language Endangerment”, Poster presentation at EuroBABEL workshop on Rural Signing Varieties: Social Dynamics and Linguistic Structure, held at Universiteit Leiden, Holland, November 7, 2012.

- **Cumberbatch, K.** “Challenging the Universal on Doubling Structures”, Poster presentation at Theoretical Issues in Sign Language Research 11 held at University College London, UK, July 10–13, 2013.
- **Devonish, H.** “The History of Jamaican Language”. SALISES 50/50 Conference. Pegasus Hotel, Kingston: Jamaica. August 2012. (8pp)
- **Devonish, H.** Keynote address on “Jamaican Creole as a socio-cultural Capital in the Creative space of the Edna Manley College”. The Edna Manley College Bilingual Conference. Edna Manley College, Jamaica. October 2012. (8pp)
- **Devonish, H & Dayley-Morris, P.** “Linguistic Analysis of Texting. Language amongst Primary School Children.” Literacy Conference, held October/November 2012. (8pp)
- **Dyche, C.** “Developing Writing/English language Proficiency in the Academy: Progress and Possibilities”. Speaker’s Forum, Language, Technology and Research Centre, Faculty of Education and Liberal Studies, University of Technology, April 25, 2013.
- **Dyche, C.** “The Embattled Language Situation in Jamaica: The roles of English and Creole in the Educational Arena”. Institute of Linguistics & Applied Linguistics at Peking University, Beijing (China) on 30 August 2012, and at the Taiyuan University of Technology, Taiyuan, Shanxi province (China) on September 17, 2012.
- **Harry, O.G.** and L. M. Hyman, “Postlexical Construction Tonology: The Case of Kalabari” the Fifth Conference on Tone and Intonation in Europe (TIE5), Oxford University, September 8, 2012. (7pp).
- **Harry, O.G.** and L. M. Hyman, “Postlexical Construction Tonology: The Case of Kalabari” Laboratoire de Phonétique et Phonologie, Université Paris, October 19, 2012, (7pp).
- **Harry, O.G.** and L. M. Hyman, “Postlexical Construction Tonology: The Case of Kalabari” Laboratoire de Phonétique et Phonologie, Universität Zürich, November 2, 2012, (7pp).
- **Jones, C.** “Arts-based Solutions: Promoting Literacy for Inner-Peace, Academic Progress and Economic Prosperity across the Jamaican

Primary School Curriculum.” School of Education Literacy Symposium, University of the West Indies. March 2013. (26 slides).

- **Jones, C.** “A Group of Jamaican Male University Students’ Passion for Writing: Influential Roles Played by Their Teachers”, School of Education Literacy Symposium. University of the West Indies. March 2013. (20pp).
- **Kouwenberg, S.** “The prosodic system of Papiamentu: between stress and tone.” Keynote address at the joint Annual Conference of the ACBLPE (Associação dos Crioulos de Base Lexical Portuguesa e Espanhola) and the Meeting of the ABECS (Associação Brasileira de Estudos Crioulos e Similares), held at the University of São Paulo (Brasil), August 1–3, 2012.
- **Kouwenberg, S.** “Arbitrariness and iconicity in total reduplication in Caribbean creoles”. “Total Reduplication: Morphology, Pragmatics, Typology” workshop, Free University Brussels (Belgium), November 18–19, 2012.
- **Kouwenberg, S.** “Dutch Guiana: the historical context of creole language emergence in Berbice and Essequibo.” “Towards a social typology of language contact and genesis in the (post-) colonial context: the overseas Dutch-based varieties” workshop, held at the Free University Brussels (Belgium), November 23–24, 2012.
- **Kouwenberg, S.** “Early morphology in Berbice Dutch and the process of language creation”. “Rethinking Creole Morphology” workshop, July 23, 2013 at the 19th International Congress of Linguistics, held July 21–27, 2013 at the University of Geneva (Switzerland).
- **McCalla, S.** “An Identity Crisis: The Case of Skin Bleaching in the Jamaican Context.” Toyin Falola Annual International Conference, Lead City University, Ibadan, Nigeria. July 1–3, 2013. (18pp).
- **Milson-Whyte, V.** “Economies, Identities, and Perceptions of Writing: Self-Portraits and Academic Writing Performance among Jamaican Students.” A keynote presentation at the 2012 Watson Conference in Rhetoric and Composition, The University of Louisville, Kentucky. October 18, 2012. (6 slides + 10pp).

## PUBLICATIONS

### Books & Monographs

- **Bewaji, J. A. I.** *Narratives of Struggle – the Philosophy and Politics of Development*. Durham, North Carolina: Carolina Academic Press. November 2012. 486 pages.
- **Bewaji, J. A. I.** *Black Aesthetics – Beauty and Culture: An introduction to African and African Diaspora Philosophy of Art*. Trenton, NY: Africa World Press. February 2013. 364 pages.
- **Kennedy, M.** *Quantification in Jamaican Creole. The syntax and semantics of evri ('every') in interaction with indefinites* [LINCOM Studies in Pidgin and Creole Languages 11]. Muenchen: Lincom, 2012.

### Chapters in Peer-Refereed Books

- Adone, D., A. Bauer, K. **Cumberbatch** and E.L. Maypilama. “Colour Signs in Two Indigenous Sign Languages” in *Sign Languages in Village Communities: Anthropological and Linguistic Insights*. Ed. U. Zeshan and C. de Vos. Preston; Berlin: Ishara Press; Mouton de Gruyter, 2012. pp. 53–86.
- **Bewaji, J. A. I.** “Esu and Liminality in Yoruba thought system – a leadership perspective” in *Esu – Yoruba God, Power and the Imaginative Frontiers*. Ed. T.Falola. Durham, NC: Carolina Academic Press. 2013. pp. 131–154.
- **Carpenter, K. & Devonish, H.** “Boys will be boys: Gender and Bilingual education in a Creole language situation” in *Language, Culture and Caribbean Identity*. Eds. J.Allsopp & J.R.Rickford. Kingston, Jamaica: UWI Press. February 2013. pp. 161–176.
- **Cumberbatch, K.** “Sociolinguistic Sketch of Konchri Sain” in *Sign Languages in Village Communities: Anthropological and Linguistic Insights*. Ed. U.Zeshan and C.de Vos. Preston; Berlin: Ishara Press; Mouton de Gruyter, 2012. pp. 387–388.

- **Devonish, H. & D. Thompson.** “Guyanese Creole (Creolese)” in *The Mouton World Atlas of Variation in English: Grammar*. Eds. B.Kortmann and K.Lunkenheimer. Berlin/New York: Mouton de Gruyter. January 2013. pp. 265–278.
- **Devonish, H. & E. Thompson.** “Standards of English in the Caribbean” in *Standards of English: Codified Varieties Around the World*. Ed. R.Hickey. Cambridge: Cambridge University Press. January 2013. pp. 179–197.
- **Messam-Johnson, T.** “L1 attrition in an L2 environment: a case of Jamaican Creole-Papiamentu contact” in *Multiplex Cultures and Citizenship: Multiple perspectives on language, literature, education, and society in the ABC islands and beyond*. Ed. N. Faraclas et al. Curaçao: FPI & UNA, 2012. pp. 271–282.
- **Milson-Whyte, V.** Pedagogical and Socio-Political Implications of Code-Meshing in Classrooms: Some Considerations for a Translingual Orientation to Writing.” *Literacy as Translingual Practice: Between Communities and Classrooms*. Ed. A. Suresh Canagarajah. NY: Routledge, March 2013. pp.115–27.

### **Refereed Journal Articles**

- **Bamikole, L.O.** “An Indigenous Yoruba social and cultural Model of Conflict Resolution” *Philosophy Study*, Vol. 3, No. 2, pp. 144–152. February 2013.
- **Bamikole, L.O.** “Political Violence: Its Neglected Dimensions” *International Journal of Arts and Commerce*. Vol. 2, No. 2, pp. 316–322. March 2013.
- **Dyche, C and P. Coard.** “Integrating Psychological and Sociocultural Dimensions into the Teaching of English to Jamaican Creole-Speaking University Students: A Case Study”. *The UWI Quality Education Journal* 19 (January 2013), pp.55–88.
- **McCalla, S.** “Human Knowledge, Survival Values and Social Order.” *International Journal of Arts and Commerce* 2 (2) (February 2013), pp.145–160

- McLaren, I. and D. Webber. "The use of select Writing across the Curriculum strategies and their impact on science students' attitude to writing". *Global Journal of Human-Social Science Research* 13, 2 (2013): 5–14.

### Other Publications

- Cumberbatch, K. *Notes on Jamaican Sign Language*. Kingston, 2012. PDF e-book.
- Devonish, H. "Language Evolution: Pidgins and Creoles" in *Encyclopedia of Applied Linguistics*. Ed. C.A. Chapelle. Hoboken, N.J.: Wiley-Blackwell. November 2012. pp. 2993–2998.
- Devonish, H. "Atlantic Creoles and Vernacular English" in *Encyclopedia of Race and Racism* [2nd ed.]. Ed. P.L. Mason. Detroit, MI: Macmillan Reference. February 2013. pp. 176–181.
- Dyche, C. (ed.) Special issue on "Best Practices in Higher Education: Focus on the Caribbean." *The UWI Quality Education Forum* 19 (January 2013).
- Harry, O. and Larry M. Hyman, 2012. "Postlexical Construction Tonology: The Case of Kalabari", *Phonology Lab Annual Report 2012*, University of California, Berkeley. [http://linguistics.berkeley.edu/phonlab/annual\\_report/annual\\_report\\_2012.html](http://linguistics.berkeley.edu/phonlab/annual_report/annual_report_2012.html)

### PRIZES AWARDED

#### Foundation Courses:

- Best Student in FOUN1001/FD10A  
(English for Academic Purposes) ... Neenem Joel Dilworth
- Best Student in FOUN1401/FD14A  
(Writing in the Disciplines) ... Odile Adlin Blake
- Best Student in FOUN1002/UC10B  
(Language: Argument) ... Alexis Kabrina Samuels

**Linguistics:**

Best Level-I Linguistics Student	...	Ayesha Yanike Hart
Best Level-II Formal Linguistics Student	...	Rochelle Angella Braham
Best Level-II Non-Formal Linguistics Student	...	Nyia N. Baptiste
Best Level-III Non-Formal Linguistics Student	...	Narda Crystal-Gail Rattray
Best Graduating Linguistics Student (John Reinecke Memorial Prize)	...	Narda Crystal-Gail Rattray

**Philosophy:**

Best Level-II Student	...	Kehinde Oluwaseun Bamikole
Best Level-III Student (Tie)	...	Renee Anashay Dillon
	...	Troy Donnahyue Tyrell



## DEPARTMENT OF LIBRARY AND INFORMATION STUDIES



Dr. Paulette Kerr, BA, MA *UWI*, PhD *Rutgers*  
Head of Department

### WORK OF THE DEPARTMENT

During the academic year the Department focused on implementing aspects of its Operational Plan in keeping with objectives of the UWI Strategic Plan 2012–2017, while addressing recommendations of the Quality Review, and continued to enhance the quality of its offerings through varied initiatives and activities. Highlights include:

- Staging of the 40th Anniversary Research Conference
- Honoring of Professor Emerita Daphne Douglas via the Daphne Douglas Distinguished Lecture
- UNESCO/DLIS Workshop on Metadata
- Public Research Forum on Media and Information Literacy
- Formation of Student Society – UWI-LISS

- Curriculum review and enhancement –
  - o Offered new graduate courses in metadata, information literacy and integrated library systems
  - o Overhaul of technology courses; Developed new undergraduate courses in database management, information technology and digitization
- Sustained outreach activities to schools and colleges
- Principal's Research Awards to Dr. Paulette Kerr and Dr. Cherrell Shelley-Robinson
- Open Campus discussions towards online course offerings
- Successful Proposal to UNESCO for assistance in developing Archives/ Records Management Programme
- Successful Proposal for Principal's New Initiative Research Grant
- Articulation with Council of Community Colleges in Jamaica

#### **ACHIEVEMENT OF OPERATIONAL PLAN 2012–14**

Operational Plan 2012–14, was guided by the focus of the UWI Strategic Plan 2012–17, recommendations from the 2012 DLIS Quality Review as well as by strategic objectives set by the Department in 2011/2012. Initiatives of focus include:

- Enhance programme offerings with new courses and develop new undergraduate major in information management
- Create minors/major for joint degrees
- Offer hybrid/online courses in MLIS programme
- Improve and promote research profile of the Department
- Increase awareness of health and safety issues

#### **QUALITY REVIEW ACTION PLAN**

Action Plan from 2012 Quality Review was developed after discussions at the Departmental Retreat in June 2012. Areas addressed include:

- Curriculum Review of specific areas
- New Course Development/Flexible Course Offerings
- Staffing
- Outreach and Promotion
- Physical Facilities: Emergency Staircase

While the Department attempted to realize key initiatives, it was hampered by lack of full-time staff to be assigned to these initiatives.

## **TEACHING AND LEARNING**

### **Curriculum Review**

Ongoing curriculum review was the order of the day for the academic year. Addressing recommendations from the Quality Assurance Review, a review was done of Management Courses including Level I undergraduate courses towards enhancing with requisite competencies of financial and project management. Postgraduate courses were consolidated towards offering a single management course.

Proposal for an undergraduate Major in Information Management was put on hold as a result of lack of full-time staff to assign to this and other important areas. The increasing dependence on part time staff to carry out the vision of the Department is unhealthy. It has become challenging to require this staff to perform duties beyond teaching since the current Human Resource Division system does not recognize remuneration for such activities. Programme/Course development is an intense responsibility which demands payment.

### **New Courses Offered**

Partly to address recommendations of the Quality Assessment Review, and to address evolving needs of the Library and Information profession, the department offered the following new courses:

### **Graduate**

- LIBS6203 – Metadata and Resource Discovery. Although approved in May 2012, this approval was forwarded to Student Records Unit only in September which led to low uptake for the course.
- LIBS6003 – Information Literacy Instruction
- LIBS6504 – Integrated Library Systems
- LIBS6503 – Introduction to Digital Libraries

### **Undergraduate**

- LIBS3006 – Caribbean School & Public Libraries: Practices & Issues
- LIBS3604 – Teaching Information Literacy

### **New Courses Developed**

Following a review of technology courses, it was decided to extensively upgrade undergraduate courses which had not been done for a number of years. Complete restructuring of LIBS1501 and LIBS3501 was done, which resulted in two new courses being developed and approved for 2013/14 academic year:

- LIBS1502 – Information Technology for Information Professionals
- LIBS3502 – Technology in Libraries: Database Design and Management

LIBS2502 – Creating and Managing Digital Collections, developed by Mrs. Frances Salmon and Mrs. Maureen-Kerr Campbell of the UWI Library is being redesigned to meet the requirements of the Faculty Quality Assessment Committee.

Months of collaboration with key law librarians resulted in the creation of LIBS6306 – Legal Information Resources. The course is to be approved by the Campus Graduate Committee.

### **Online/Blended Learning Initiatives**

With an aim towards offering graduate courses in an online/blended mode, a number of initiatives between Open Campus and DLIS followed the staging of the Blended/Online Learning Workshop conducted at the Department's 2012 Retreat by Mrs. Cynthia Meghoo-Ebanks, Educational Courseware Editor of UWI, CIO. The initiatives include:

- Preliminary discussions between Professor Gary Hepburn and Dr. Paulette Kerr
- Video Conference Meeting (December 2012) with DLIS teaching staff (full and part-time) at the UWI Open Campus and sensitizing staff to the process of offering courses in an online mode
- Meeting with staff from the Open Campus, Dr. Paulette Kerr and Dr. Paulette Stewart (March 8, 2013)

This initiative has also been stymied by challenges including lack of full-time staff to address re-developing of courses and unclear directions of the Open Campus.

### **Articulation of Courses**

The decrease in student enrolment across the Faculty was evident in the Department especially at the undergraduate level. The Department is aware of the growing competition from other tertiary institutions and has begun discussions towards articulation with one tertiary level institution offering the Associate degree in Library and Information Studies. An initial meeting was held with Dr. Christine Marrett from the Central Office for Regional and International Affairs, who was instrumental in organizing a subsequent meeting with members of the Council of Community Colleges in Jamaica on June 27, 2013.

### **Proposal for Archives/Records Management Programme**

A successful proposal was made to UNESCO, Kingston Cluster Office towards a concentration/ graduate programme in Archives/Records

Management. Currently there exists no programme for education of archivists and records managers in the Caribbean. UNESCO has agreed to assist with funding a feasibility study and a Meeting of Experts in September 2013 to chart the course of any such programme. The Department is in collaboration with Mr. John Aarons and Dr. Stanley Griffin of the University Archives. Based on the Report from the Feasibility Study and the Meeting of Experts, the Department will focus on the way forward.

## **GRADUATE STUDIES AND RESEARCH**

### **Staff/Graduate Research Seminars**

The Department continued the successful staff/graduate seminars started in 2011 as a means of providing a platform for students, faculty and other librarians to present research ideas. A total of four sessions were held, organized by Dr. Paulette Stewart, Graduate Coordinator.

### **Student Research Award**

Mrs. Claudette Lambert, MLIS 2012 graduate published a part of her Research Paper as “Second Career Librarians: Teachers Transitioning to Librarianship” in *Library Review*, Vol. 61 Iss: 6, pp. 428–446. The paper received The Inaugural Research Award given by Springer Publishing.

### **Departmental Research**

#### **Public Research Forum – March 21, 2013**

A Public Forum entitled, “Achieving Media and Information Literacy: The Challenge to the Education System,” was held to disseminate research findings of the UNESCO funded DLIS Research on Media and Information Literacy in four Caribbean countries. The main presenter was Dr. Cherrell Shelley-Robinson, Adjunct Lecturer in the Department and discussants were Mrs. Sheena Johnson Brown, Lecturer, Communication Arts and Technology, University of Technology, Jamaica and Dr. George

Dawkins, Vice Principal of Academic Affairs and Research, Shortwood Teachers' College.

### **DLIS Research Initiative**

To realise a major area of the Department's research agenda, a new initiative grant proposal was made for funding research entitled "Media and Information Literacy Levels at the Exit Stages of the Education System in Jamaican Schools." The proposal was successful and research will get underway in the 2013/2014 academic year.

### **Research Forum – postponed**

Plans were in place for the Department's hosting of its first Research Forum under the theme, "Showcasing Research in Library and Information Science: Implications for Practice". This was scheduled for Friday, May 31, 2013 but was postponed for the 2013/2014 academic year.

### **Staff Research Awards**

Dr. Paulette Kerr and Dr. Cherrell Shelley-Robinson were awarded the Principal's Research Award for The Best Research Publication (article category) and The Research Project with the Greatest Development Impact, respectively.

### **INTERNATIONAL PARTNERSHIPS**

- St. John's University/UWI, DLIS Immersion Programme did not materialize due to insufficient student uptake for the programme. The Director, Dr. Sherri Lee plans to offer the programme for the 2013/14 academic year.
- The DLIS continues to represent the UWI at the UNESCO MILID UNITWIN (cluster of 8 universities on Media and Information Literacy Initiative Development). Dr. Paulette Kerr presented on media and information literacy initiatives at UWI and the greater

Caribbean at the annual meeting in May 2013. A joint paper on initiatives was also published in the *MILID Yearbook 2013*.

### **OUTREACH AND PROMOTION OF PROGRAMMES**

A concerted effort was made to promote the programmes offered by the Department via outreach activities to schools and colleges. Mrs. Kerry-Ann Rodney-Wellington (temporary full-time assistant lecturer) was given responsibility to coordinate activities and was also nominated as the Department's representative to the Faculty of Humanities and Education's Outreach Committee. Mrs. Rodney-Wellington's work was outstanding and included the development of a video clip on the Department, which was used at most presentations and activities.

#### **November 23, 2012 UWI visit to Math Unlimited**

Mrs. Rodney-Wellington represented the Department of Library and Information Studies to final year students.

#### **November 28–29, 2012 UWI visit to Western Jamaica Campus' Open Day**

Mrs. Kerry-Ann Rodney-Wellington and Dr. Rosemarie Heath along with undergraduate students from the DLIS, presented fifth and sixth form students using multimedia presentation to showcase the versatility of a degree in Library and Information Studies. On November 29, Dr. Paulette Kerr and Dr. Cherrell Shelley-Robinson along with undergraduate students offered standing room only workshops on "Maximizing SBA/CAPE Scores: Mastering Research Skills" to high school and community college students.

#### **January 10, 2013 KC at UWI**

As part of the UWI, Mona recruitment drive, the Department was requested to offer the successful SBA/CAPE workshop and so Dr. Paulette Kerr and Dr. Cherrell Shelley-Robinson presented to a group of 200 Kingston College students.



**February 21, 2013 – Buff Bay High School; Annotto Bay High School**

Dr. Paulette Stewart conducted a workshop on “Cooperative Learning as a Successful Teaching Strategy” to teachers at the Buff Bay High School. Mrs. Kerry-Ann Rodney-Wellington also made a presentation on the programmes offered by the Department of Library and Information Studies to students at the Buff Bay High School. Departmental brochures and flyers were distributed to students at the Annotto Bay High School during ‘Professionals Day’.

**February 28, 2013 – Brown’s Town Community College; Moneague College**

Mrs. Kerry-Ann Rodney-Wellington and Dr. Rosemarie Heath presented on the Faculty of Humanities and Education and highlighted the Department via the multimedia clip to a group of sixty CAPE students at Brown’s Town Community College. Flyers and brochures were also given to students. During the visit there was a twenty-minute question and answer session. A visit was also made to the Moneague College where Departmental programme brochures and flyers were distributed to students.

**March 21, 2013 – Ardenne High School**

Mrs. Kerry-Ann Rodney Wellington and members of the adjunct staff and graduates of the Department, made presentations to a group of thirty-three third form students at the Ardenne High School’s Career Day.

**RESEARCH DAY 2013**

The theme for Research Days 2013 was “Pathways and Opportunities for Regional Development.” The Faculty of Humanities & Education’s theme “Culture, Identity and Human Development,” was organised into six frames, of which the Department of Library and Information Studies participated in two:

1. Research and Projects in Literacy and Numeracy – The Foundation for the Development of Our People.
2. New Approaches to Library and Information Studies Developing Students for the Information Age.

### **Posters**

1. Shelley-Robinson, Cherrell. UNESCO. “Survey of Media and Information Literacy Among Teachers, In-Service and In-Training in in Four Caribbean Countries”
2. Kerr, Paulette. “Explicit Goals, Implicit Outcomes: Information Literacy Education in Developing University Graduate Attributes”
3. Stewart, Paulette. “Educating School Librarians in the English-Speaking Caribbean: The Case of the Department of Library and Information Studies, Mona, Jamaica”

### **Workshop Presentation to high school students**

- “Maximizing SBA Scores: Mastering Research Skills”

### **40th Anniversary Celebrations**

The Department continued its 40th anniversary celebrations which started in the 2011/2012 academic year. Activities include:

- a) The Daphne Douglas Distinguished Lecture – October 3 at the Faculty of Law Lecture Theatre. The Lecture was presented by Professor Jeannette Allis Bastian from the Graduate School of Library and Information Science, Simmons College and was entitled “Local, Global, Virtual and for All: Information Technologies and Services Impacting Communities.”
- b) UNESCO/UWI Pre-conference Workshop on “Metadata and Resource Discovery” – October 3. 24 librarians representing 4 countries attended. Mrs. Fay Austin of Rutgers University was the main presenter.

- c) 40th Anniversary Research Conference and Gathering of Graduates  
– October 4–6 at the Mona Visitors' Lodge & Conference Centre.  
The Conference entitled, From Search to Discovery: Reimagining the Library and Information Landscape had 74 participants and highlighted the following:
- 20 Paper and Poster Presentations
  - Keynote & Plenary Sessions
  - Gala Dinner & Honouring of Outstanding Graduates
  - Launch of the DLIS Alumni Association
  - Exhibition “Blazing the Trail for 40 Years”

Keynote speakers were:

- Dr. Daniel Boivin, Executive Director, OCLC Canada, Latin America and the Caribbean “Libraries: A Force for Change”
- Mr. Carlton Samuels, Adjunct Lecturer, DLIS, UWI, Mona “The Information Professional in the Value Chain of the Knowledge Economy”.

### **Gala Dinner & Honouring of Outstanding Graduates**

Special Awards were made to the three remaining members of the 1971 Advisory Committee which designed the programme for the Department of Library and Information Studies.

- Professor Roy Augier
- Dr. Joyce Robinson
- Dr. Hazel Bennett

Past Heads were also honoured for their contribution to the Department.

- Professor Daphne Douglas
- Dr. Hazel Bennett
- Ms. Stephney Ferguson
- Dr. Cherrell Shelley-Robinson
- Professor Fay Durrant

Twelve outstanding graduates of the Department were also honoured from the Decade of the 70s, 80s and 90s:

- Mrs. Laxmi Mansingh
- The. Hon. Charles Gibson
- Mr. John Aarons
- Mrs. Karen Barton
- Ms. Fay Austin
- Ms. Valerie Simpson
- Ms. Jennifer Joseph
- Dr. Paulette Kerr
- Dr. Cherrell Shelley-Robinson
- Mrs. Shamin Renwick
- Mrs. Merline Bardowell
- Mrs. Cheryl Peltier-Davis

The Library and Information Studies Alumni Association (LISAA) was launched by Mrs. Celia Davidson-Francis, Director of Alumni Relations, UWI, Mona.

**Customer Service – Student Perception Survey**

The Department was rated as follows in the surveys conducted by the Deputy Principal’s office for the period September 2012 to January 2013.

Date	Mean	Percentage
January 2013	3.3	66.4
September 2012	3.5	70.1

### **Webpage Redesign**

The Department has now completed the redesign of its webpage. Several updates and links were made to photographs of academic staff, current news and events as well as copies of past examination papers and timetables.

### **Summer Workshops**

- *Workshop on “Information Literacy for Teachers and Information Professionals”* June 4–5, 2013.

**Presenters:** Dr. Paulette Kerr, Dr. Paulette Stewart, Dr. Cherrell Shelley-Robinson, Mrs. Joan McDermott and Mrs. Karen Tryell. This workshop attracted 21 lecturers.

- *Summer Institute 2013 – “Legal Information Sources Unravelled”* June 17–21, 2013

**Presenters:** The Hon. Mr. Justice C. Dennis Morrison, Mr. Albert Edwards, Ms. Carol Ford, Ms. Camika Facey, Ms. Kaydian Smith, Mrs. Yvonne Lawrence, Mrs. Diane Clarke-Ottey, Mrs. Janette Powell, Dr. Floyd Barnett, Mrs. Claudette Solomon, Ms. Rochelle Davis, Ms. Jeanne Slowe, Mr. Byron Palmer and Mr. Dwaymian Brissette

- *Workshop on “Information Literacy” for HEART/NTA Librarians* July 29–30, 2013

**Presenters:** Dr. Paulette Kerr, Dr. Paulette Stewart and Dr. Cherrell Shelley-Robinson.

### **STAFF MATTERS**

Although staffing was a key area addressed in the recommendations from the Quality Assessment Review, the Department continues its long standing struggle with inadequate staff to meet programmatic and research needs. This continues to affect the work of the Department. The Department currently offers 22 courses at the undergraduate and 26 at the postgraduate level with 3 full-time and 18 part-time staff. Efforts

to recruit qualified full-time staff to fill needed subject areas especially in information technology were not successful for the second year. This is partly due to the current system of recruitment in the Human Resources Division. Applicants wait an inordinately long period for responses after initial interviews.

**New staff**

The Department welcomed 6 additional members of staff.

- **Full-time Staff:** Dr. Rosemarie Heath, Lecturer and Mrs. Kerry-Ann Rodney-Wellington, Temporary Assistant Lecturer
- **Adjunct Staff:** Dr. Anthea Henderson, Mrs. Antonette Harriott, Mrs. Beverley Pellington and Ms. Audrey Saddler.

**TEACHING ACHIEVEMENT OF THE DEPARTMENT 2012/2013**

	Mean Semester 1	Mean Semester 2
<b>Undergraduates</b>		
Lecturer Mean	4.2	4.4
Course Mean	3.9	4.1
<b>Graduates</b>		
Lecturer Mean	4.4	4.4
Course Mean	4.2	4.2

**RESEARCH AWARDS**

- Dr. Paulette Kerr and Dr. Cherrell Shelley-Robinson were awarded the Principal’s Research Award for *The Best Research Publication* (article category) and *The Research Project with the Greatest Development Impact*, respectively.

## **STUDENT MATTERS**

A mixed year as the Department saw the successful development of the DLIS Student Society, disbursements to three students from the Needy Students' Fund developed in 2012 and the death of a Level II Student, Omar Bailey who was killed in January 2013. Dr. Paulette Kerr, Head of Department, attended the funeral service and conveyed condolences to the family on behalf of the FHE, UWI.

### **UWI-LISS (University of the West Indies Library and Information Student Society)**

The Department is pleased that after months of planning, the proposed student club morphed into UWI-LISS with leadership from a group of outstanding undergraduates and assistance from Dr. Sasekea Harris, Adjunct Lecturer.

#### **Aims and Objectives**

1. To provide varied library and information related experiences geared towards the development of students in the field;
2. To provide a forum for sharing and learning about trends and issues in the field;
3. To provide opportunities to meet other persons engaged in or interested in the many facets of librarianship;
4. To promote a wider knowledge of library associations locally, regionally and internationally;
5. To provide opportunities for library and information students to make an impact in surrounding communities.

#### **Activities 2012–2013**

##### **1. “Dress for Success” Session**

On February 28, 2013, UWI-LISS hosted a “Dress for Success” Session at the Multifunctional Room, Main Library, UWI, Mona. The guest speaker was Ms. Charmaine Lewis, founder of Dress for Success, Jamaica. There were approximately 30 participants. The

session provided career development guidance with the objective of helping the attendees thrive in work and life. The event was sponsored by DLIS, the UWI Mona Main Library, the Library and Information Association of Jamaica (LIAJA), Mrs. Winsome Hudson and Ms. Judy Rao. The event was a success.

**2. Poster for DLIS 40th Anniversary Conference**

A poster on UWI-LISS was created for the DLIS 40th Anniversary Conference held October 3–6, 2012.

**3. Study Sessions**

Two study sessions were hosted by UWI-LISS. These included:

- Management of Information Systems – Guest Facilitator: Mr. Matthew Blake
- Cataloguing – Guest Facilitator: Ms. Antoinette Harriott

**4. Public Speaking Session**

A presentation was made by Dr. Rosemarie Heath on Thursday, March 21, 2013, in the DLIS Seminar Room. The session provided the membership with useful tips on delivering effective public presentations.

**5. Public Relation Initiatives**

A Twitter account and a Facebook account were created for the Society.

**Student Enrolment**

**Undergraduates**

Year	Full-Time	Part-Time	Total
2012/2013	42	57	99

**Postgraduates**

Year	Full-Time	Part-Time	Total
2012/2013	7	26	33



### Faculty/Departmental Awards

Awards	Criteria	Student
Amy Robertson Prize	Best student – B.Ed. School Librarianship	Marsha Chamberlain
Alumni Prize	Best Grade – Year 1	Telesea Stewart
Alumni Prize	Best Grade – Year 2	Drusilla Grant
Daphne Douglas Prize	Outstanding Professional Development	Kadian Chin
Dorothy Collings Prize (Graduate)	Best Graduate Performance	Shashan Thomas
Dorothy Collings Prize (Undergraduate)	Best Overall Undergraduate Performance	Carla McLaughlin

### PAPERS PRESENTED

#### Dr. Paulette Kerr

- “Media and Information Literacy and Intercultural Dialogue: Caribbean Perspectives”. MILID/UNITWIN Meeting, Cairo, Egypt. May 2013.
- “Strategies for Media and Information Literacy in Small Island States”. UNESCO Consultative Workshop. Castries, St. Lucia. July 2013.

#### Professor Fay Durrant

- “The Introduction, Development and State of FOI Legislation in the Commonwealth Caribbean”. Regional Conference on Freedom of Information: Improving Environmental Management. Kingston, March 20–21, 2013.

#### Mrs. Kerry-Ann Rodney-Wellington

- “Improving the Learning Experience Through the Library Programme: Implications for Community Colleges”. 13th Annual Conference of

the Council of Community Colleges in Jamaica. St. Ann, January 8, 2013.

**Dr. Rosemarie Heath**

- “Empowering the Learner: Exploring Students’ Voices in the Hermeneutic Circle”. DLIS 40th Anniversary Conference. Kingston, October 4, 2012.

**Dr. Paulette Stewart**

- “IASL Conferences: An Evaluation of the Attendance Pattern of Participants 1998–2010”. IASL Conference. Doha, Qatar. November 11–15, 2012.
- “Re-positioning Library and Information Science (LIS) Education in the Caribbean: Trends and Developments”. DLIS Conference. Kingston, October 4–7, 2012.

**PUBLICATIONS**

**Journal Articles**

**Dr. Paulette Kerr**

- Carroll, M., Kerr, P, Afzal, W & Abdul M. “Commonwealth of uncertainty: How British and American professional models of library practice have shaped LIS Education in selected former British Colonies and Dominions” *IFLA Journal* 39 (2) 121–133. 2013.

**Dr. Paulette Stewart**

- Stewart, Paulette, and Olivia Bravo. “Media and Information Literacy Dialogue at the University of the West Indies.” *MILID Yearbook*. 2013.
- “Educating School Librarians in the English-speaking Caribbean: The Case of The Department of Library and Information Studies”, University of the West Indies, Mona. *School Library Worldwide*.9:2 (2012): 21–34.

- “Benefits, Challenges and Proposed Future Directions for the International Association of School Librarianship Annual Conference”. *International Journal of Education and Research*.1 (5) 193–210. 2013.

## **PUBLIC SERVICE**

### **Dr. Paulette Kerr**

- Member, Board of Directors, National Forum on Information Literacy (USA)

### **Professor Fay Durrant**

- Member, Board of Management, Jamaica Library Service
- Member, Board of Management, National Library of Jamaica

### **Dr. Rosemarie Heath**

- Member, Executive Committee, Library and Information Association of Jamaica (LIAJA)
- Co-ordinator, Research and Publication Working Party, LIAJA

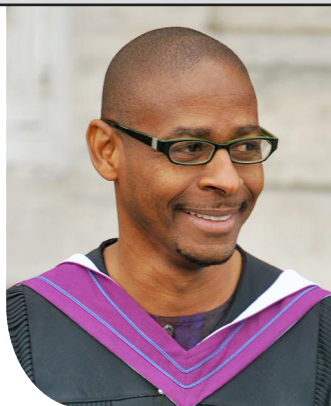
### **Mr. Matthew Blake**

- President, Library and Information Association of Jamaica (LIAJA)
- Member, Board of Management, National Library of Jamaica

### **Dr. Paulette Stewart**

- Director, IASL – Latin America and the Caribbean
- Member, Board of the East Jamaica Conference of Seventh-day Adventists Education Board
- National Judge for the Jamaica Public Library Reading Competition.

## DEPARTMENT OF LITERATURES IN ENGLISH



**Dr. Michael Bucknor**, BA *UWI*, MA *Univ. Western Ontario*,  
PhD *Univ. Western Ontario*  
**Head of Department**

### **WORK OF THE DEPARTMENT**

**I**n the 2012/2013 academic year, the Department of Literatures in English continued to energize its strategic position as a major player in stimulating creativity and critical thinking, as indicated in the 2012–2017 Strategic Plans. While all the objectives were not achieved for the year, steps have been made to work towards achieving them in the next academic year. One central objective of the Department was to improve the quality of its teaching and learning process. In order to realise this objective, Ms Lisa Brown, was re-hired with the view to support her own research project for the completion of a PhD, so that she can be considered for permanent employment in the department. In the next few years, we are expecting some members of staff to retire and this

initiative is also part of our strategic forward planning. To enhance her own pedagogical practice, Dr. Rachel Moseley-Wood enrolled in the Certificate in University Teaching Programme offered by the Instructional Development Unit/Centre for Excellence in Teaching and Learning. Also, Dr. Kei Miller of the University of Glasgow was appointed Writer-in-Residence for Semester 2 in order to boost our creative writing programme. Mrs. Venese Gordon-Francis was appointed as Senior Administrative Assistant in the department.

In the area of curriculum development, two (2) new courses were taught in Semester II, LITS2906-Film Adaptation and LITS2706-Reggae Films. They were well received by the students based on the overwhelming positive feedback received at the Departmental Consultative Committee meeting. In addition, there has been continuing dialogue with Dr. Anna Perkins in preparation for the upcoming Quality Assurance Review exercise to take place late October/early November 2013. A Quality Assurance Forum was also held on January 28 to prepare administrative personnel for their key role in the process. The Review Team consists of Hope Brooks of the Edna Manley College, Professor Funso Aiyejina of the St. Augustine Campus and Professor James Procter of Newcastle University in the United Kingdom.

## **GRADUATE STUDIES AND RESEARCH**

The MA programme resumed with a small cohort of students. Only four (4) courses were taught instead of the normal six (6) due to the low class size. The enrolment is expected to increase in the next academic year with the introduction of the Blended Masters Programme in Literary and Educational Studies in partnership with the education graduate programme. There is a cohort of lecturers in the teacher's colleges who need to update their preparation in their content area and we are trying to make the MA programme more flexible to meet this demand. The department committee members will continue to meet to rethink and redesign the programme to make it more viable. Two (2) students, Shala Alert and Jodi-Anne Redway were selected for the 2012/2013 Departmental

Awards. Jodi-Anne provided support for the administrative staff and Shala Alert conducted tutorials for the department. Ms Alert has now completed her MPhil thesis and submitted it for examination.

### **ACTIVITIES AND OUTREACH EVENTS**

The Department's outreach activities in 2012/2013 included two important lectures. The 6th Edward Baugh Distinguished Lecture was held on November 29, 2013 at the Philip Sherlock Centre for the Creative Arts. Professor Carolyn Cooper delivered the lecture entitled, "Islands beyond Envy: Finding Our Tongue in the Creole-Anglophone Caribbean". Dr. Kei Miller, Writer-in-Residence in the Department of Literatures in English, delivered the 2013 Philip Sherlock Lecture entitled, "*If I could write this on zinc, I would write this on zinc*", at the Philip Sherlock Centre for the Creative Arts on Monday February 25, 2013.

Our very popular **March is Literatures in English Month** was an exciting series of events, planned as part of our outreach initiative for 2012/2013. Under the able guidance of the department's Events Coordinator, Dr. Rachel Moseley-Wood, the month included creative writing workshops, readings, book launches, a screening of a new documentary film and the ever popular "Reggae Talks". The programme began with a Creative Writer's Workshop conducted by the distinguished Jamaican writer, Lorna Goodison, on Saturday, March 2. On Sunday, March 3, the Department partnered with the Kingston Book Festival to stage "Love Affair With Literature 2" featuring readings by Jamaican writers, Kei Miller, Eddie Baugh, Tanya Batson-Savage and Lorna Goodison at the Neville Hall Lecture Theatre (N1). There were three book launches as part of the month's activities: Curdella Forbes's novel, *Ghosts*, on Thursday, March 14 in the Neville Hall Lecture Theatre (Guest Speaker: Dr. Jarrett Brown, College of the Holy Cross, USA); Velma Pollard's *And Caret Bay Again: New and Selected Poems* on Sunday, March 17 also at the Neville Hall Lecture Theatre (Guest Speaker: Dr. Anthea Morrison, Mona Campus) and Ralph Thompson's poetry collection, *Taking Words*

## Department of Literatures in English

*For A Walk* on Sunday, March 24 at the Philip Sherlock Centre for the Creative Arts (Guest Speaker: Professor Emeritus Mervyn Morris).

This year, “March is Movie Month at Mona” featured the Jamaican premiere of the film “Womanish Ways, Freedom, Human Rights and Democracy: The Women’s Suffrage Movement in The Bahamas, 1948–1962” and the guest appearance of the Bahamian director, Marion Bethel. The March 22 event was a collaborative venture of the Department of Literatures in English, the Dean’s Office, Faculty of Humanities and Education, the Institute of Caribbean Studies and the Institute for Gender and Development Studies. A series of *Reggae Talks* culminated the March is Literatures in English Month. It featured performers Jah 9, Protoje, No-Maddz, Cali P and the poster artist, Michael ‘Freestylee’ Thompson. They were held on March 21st, March 28th, April 4th, April 11th and April 18th in the Neville Hall Lecture Theatre. The enthusiasm for these talks necessitated that we extended our celebrations beyond the month of March.

As part of our mandate to be the centre for the development of creative expression, we have continued to support creative writing through launches of creative and critical texts, readings and writing workshops. Dr. Paulette Ramsay’s latest collection of poems, *October Afternoon*, was launched on Tuesday, October 30, 2012, at the Undercroft. Professor Carolyn Cooper was the launch speaker. The University of the West Indies Press & The Department of Literatures in English, in association with Pulse Investments Ltd. hosted the launch of the book *Global Reggae*, edited by Professor Carolyn Cooper. It was held at PULS8, 38A Trafalgar Road on Sunday, February 17, 2013; 6:00p.m. and Michelle “DJ Afifa” Harris was the guest speaker. The acclaimed Jamaican Writer and Lecturer in Creative Writing Dr. Kei Miller conducted a Creative Writer’s Workshop for five consecutive Thursdays in April for the general public. The workshops were well attended and allowed aspiring writers to benefit from the experiences and insights of Dr. Miller. The Department collaborated with the Department of Modern Languages and Literatures and the Confucius Institute in presenting “Readings on Chinese-Jamaican Experience” with visiting writer Hannah Lowe and

UWI writers Victor Chang and Courtney Hogarth. The event was held on Sunday, April 14, in NI. The Department in collaboration with Department of Language, Linguistics and Philosophy, CARIMAC, the Faculty of Humanities and Education and the University of Missouri presented the Africa Documentary Film Festival (AWDFF) which was held on April 25–28 in NI. The Opening Ceremony was held on Wednesday, April 24.

### **STAFF/POSTGRADUATE SEMINAR SERIES**

The Department's Staff/Postgraduate Seminar Series featured a number of visiting academics: visiting poet and researcher Dr. Hannah Lowe did a presentation entitled, "In Search of My Father" on Friday, April 12 and Robin Brooks, Ph.D candidate from University of Florida presented a paper entitled, "Beyond the 'Class' Room: The Entanglements of Class and Education in Caribbean Societies" on Friday, April 19. Dr. Ronald Cummings (University of Leeds) presented a paper entitled, " 'Touching Across Time: Queer Relations, Maroon Rituals and the Possibilities of Community in Michelle Cliff's Writing" on April 26. On Friday, May 3, Dr. Kei Miller did a presentation entitled "A Smaller Sound, A Lesser Fury: A Eulogy to Dub Poetry". The series also included a Reading from selected participants from the Creative Writer's Workshop that was conducted by visiting writer Dr. Kei Miller on May 10. During the summer, the series continued with presentations by the following graduate students: Tanya Shirley (Ph.D), Nicole Cameron (MPhil), Michael Holgate (ICS-MPhil), Dennis Gill (Ph.D.), Shala Alert (MPhil), Jodi-Anne Redway (MPhil) and Lisa-Gaye Malcolm (MPhil).

### **OUTREACH TO SECONDARY SCHOOL STUDENTS**

In keeping with its mandate of supporting the teaching of literatures in English at the high school level, the Department organized The CAPE Literatures in English Lecture/Discussion Series and two (2) interactive sessions with authors for CSEC and CAPE students. The CAPE Literatures in English lecture-discussions were held on Friday, March 22 and April



4, 2013 in the Old Dramatic Theatre. The presenters included Dr. Harold McDermott (former Adjunct Lecturer), Dr. Michael A. Bucknor, Dr. Rachel Moseley-Wood, Dr. Norval Edwards, Dr. Anthea Morrison, Mr. David Williams, Ms. Carolyn Allen and Ms. Tanya Shirley. Olive Senior, internationally acclaimed Jamaican writer and poet had an interactive session with CAPE students on her poetry collection, *Gardening in the Tropics*, on Monday, February 11, 2013 at the Faculty of Law, Lecture Room 3. An interactive session was also organized for CSEC students with Curdella Forbes, whose short story collection *Songs of Silence* is one of the prescribed texts on the CSEC English B syllabus. This session was held on Friday, March 15, 2012 in the Assembly Hall.

#### **REGIONAL AND INTERNATIONAL OUTREACH**

A number of staff members attended the West Indian Literature Conference at the University of Miami where they presented papers and participated in round table discussions. Staff members who attended include Dr. Michael Bucknor, Professor Carolyn Cooper, Dr. Rachel Moseley-Wood and Ms. Tanya Shirley. Graduate student, Nicole Cameron, also attended and presented a paper. Dr. Michael Bucknor, Chair of the Association for Commonwealth Literature and Language Studies (ACLALS) and the Vice-Chair, Professor Evelyn O'Callaghan from the Cave Hill Campus worked with the Ms. Veronica Simon of the Open Campus, St. Lucia and Landmark Events to stage the 16th Triennial ACLALS Conference from August 5 to 9, 2013. It has been 21 years since this international conference was held in the Caribbean; in 1998 it was held at the Mona Campus under the chairmanship of Professor Edward Baugh. As the Chief Judge of the fiction prize, Dr. Michael Bucknor participated in the adjudication of the Bocas Literary Prize during the Bocas Litfest held in Trinidad from April 24 to 28, 2013. He also participated in an author panel where he and his co-editor, Professor Alison Donnell, were interviewed by Professor Barbara Lalla about *The Routledge Companion to Anglophone Caribbean Literature* publication. In addition, he interviewed the acclaimed Jamaican writer, Olive Senior, at a special session organized by the festival.

As part of the annual September celebration of Belize independence, Professor Carolyn Cooper was invited by the Open Campus Belize site to give a public lecture on September 4, 2012 on “Sounds of Freedom: Reggae and Dancehall in Caribbean Culture”. On September 6, she gave a lecture, “Reggae and Dancehall in Decolonization and the Formation of Caribbean Identity”, at the University of Belize, Belmopan. In support of the outreach work of the Open Campus, Professor Cooper led two workshops: “Marketing Culture in the Tourism Enterprise” and “Cultural/ Creative Industries in Regional Development.” During her visit, she also did several television and radio interviews. In addition, she met with UWI alumni at a reception at the Open Campus and paid courtesy calls on the Governor General, Sir Colville Young, one of the founders of the University of Belize and on Prime Minister Dean Barrow, a distinguished UWI alumnus. Professor Carolyn Cooper also gave a lecture in the Jamaica ‘50’ series at the Jamaican Embassy in Washington.

### **STUDENT MATTERS**

The Annual Faculty Awards Ceremony was held on Thursday, November 8, 2012. Krystal Abrahams, Bjorn Brown, Keisha Brown, Desiree Crooks, Kemar Cummings, Abigail Henry, Keilah Mills and Tricia Wint were presented with awards. This year, Peepal Tree Press, the most significant publisher of Caribbean writing sponsored the Second Year prize, thus filling the gap created by withdrawal of another sponsor. A departmental award was also added to the other awards for the academic year due to the high performance of the third year students. The department will continue to seek external donors to support future awards. The Department hosted its annual First Year Social on Thursday, November 15, 2012 at the Multifunctional Room, UWI Main Library. Students and lecturers enjoyed the interactive session with the HoD and Ms. Valentine from the Marketing and Communications Office who guided the session.

Olive Senior, internationally acclaimed Jamaican writer and poet, visited the Department and gave a talk on her poetry to the West Indian Poetry class on February 11, 2013. In an effort to provide guidance to our

## Department of Literatures in English

English majors, the annual Career Seminar, Life After the Degree in Literatures in English was held on Thursday, April 11, 2013. The Guest Speaker was renowned actress, playwright, director, television personality and public relations consultant Dahlia Harris.

### CATEGORIES OF STUDENTS

UNDERGRADUATE	
Majors	183
First Class Honours	3
POSTGRADUATE	
<i>Registration:</i>	
PhD	3
MPhil	8
MA	11

### PAPERS PRESENTED

#### Bucknor, Michael

- Keynote Lecture “Beyond Windrush and British Borders: Canada in the Construction of West Indian Literature” at the annual conference of the Young Scholars Forum of the Association of Canadian Studies in German Speaking Countries on June 28, 2012 in Berlin, Germany. He also attended the Association for Cultural Studies Crossroads Conference July 2–6, 2012 in Paris, France.

- Invited Speaker at the 18th Conference on Commonwealth Education Ministers held in Mauritius, August 26–30, 2012. He gave a talk entitled “What Education, Whose Culture: From Monologic Thinking to Multicultural Modes of Understanding” in the “Connecting Commonwealth Education and Cultures” session of the Stakeholder’s Forum. He also chaired the session entitled “The Future of English Language in the Commonwealth” and was selected as member of the drafting team to present the statement from the Stakeholder’s Forum to the Education Ministers.
- Keynote Conversation participant in the Round Table on “Caribbean Literature and Literary Criticism” at the 31st Annual West Indian Literature Conference, University of Miami, October 11–13, 2012.
- “Beyond Windrush and the Original Black Atlantic Routes: Austin Clarke, Race and Canada’s Influence on Anglophone Caribbean Literature” at the “Remapping the Black Atlantic” conference at DePaul University in Chicago, USA between April 12–14, 2013.

#### **Cooper, Carolyn**

- “Sounds of Freedom: Reggae and Dancehall in Caribbean Culture,” Open Campus Belize on September 4, 2012.
- “Reggae and Dancehall in Decolonization and the Formation of Caribbean Identity,” University of Belize, Belmopan on September 6, 2012.
- “Marketing Culture in the Tourism Enterprise,” a workshop conducted at the Chamber of Commerce for staff of the Belize Tourist Board.
- “Cultural/Creative Industries in Regional Development,” a workshop conducted for practitioners in the Belize music industry.
- “I Hope You Do Not Enjoy This Book”: Vybz Kartel’s Disturbing Voice of the Jamaican Ghetto at the International Reggae Conference held at the Mona Campus from February 14 –16, 2013.

#### **Logan, Mawuena**

- “‘Bleaching Out’ Africa: The Phenomenology and Dialectics of Race in African Diasporic Writing.” Paper read at the International

Conference, “What is Africa to Me Now? The Continent and Its Literary Diasporas,” University of Liège, Liège, Belgium (March 21–23, 2013).

**Morrison, Anthea**

- “‘Full Freedom’ Deferred? Edwidge Danticat Tracing the Haitian Quest at Home and Abroad,” 39th Annual Conference of the African Literature Association, March 20–24, 2013, Charleston, South Carolina.

**Moseley-Wood, Rachel**

- “Expectations and Reality: Representations of the Nation in the Visual Imaginary” 31st Annual West Indian Literature Conference, University of Miami, Coral Gables, Florida, October 11–13, 2012.
- “A Neglected History: The Development of Documentary Filmmaking in Jamaica” *History at Fifty* Conference, Department of History and Archaeology, University of the West Indies, Mona, November 8–10, 2012.
- “Welcome To Jamrock’: the ‘Other Side’ of Jamaica and the Reggae Aesthetic in Jamaican Film” International Reggae Conference, University of the West Indies, Mona, February 14–16, 2013.

**PUBLICATIONS**

**Dr. Michael Bucknor**

- Bethell-Bennett, Ian and Michael A. Bucknor, Eds. Special Issue of the *Journal of West Indian Literature on “Masculinities in Caribbean Literature and Culture”* *JWIL* Vol. 21, Nos. 1 & 2: November 2012/April 2013 (vii–xxx and 1–222: 246 pages).
- Bucknor, Michael A. “Dangerous Crossings: Caribbean Masculinities and the Politics of Challenging Gendered Borderlines,” *JWIL* 21: 1 & 2 (November 2012/April 2013): vii–xxx (24 pages).
- Christine Bennett, Michael A. Bucknor, Antonia MacDonald, Mala Morton-Gittens and Roydon Salik *Cape Literatures in English Unit 1:*

*A Caribbean Examinations Council Study Guide*. London: Nelson Thornes Ltd, 2013. 1–187 (plus CD): 187 pages).

### **Professor Carolyn Cooper**

- Cooper, Carolyn. “Disguise Up de English Language”: Turning Linguistic Tricks in Creole-Anglophone Caribbean Literature,” *Teaching Anglophone Caribbean Literature*; Ed. Supriya M. Nair. New York: The Modern Language Association, 2012. 155–167. (12 pages)
- Cooper, Carolyn. “Islands beyond Envy: Finding Our Tongue in the Creole-Anglophone Caribbean” *Caribbean Quarterly* 59.1, March 2013, 1–19. (19 pages)
- “‘Mek Wi Talk Bout de Bottom a de Sea’: Mutabaruka’s Submarine Poetics”, *Caribbean Quarterly*, Vol. 59, No. 2, June 2013, 113–121. (9 pages)

### **PUBLIC SERVICE**

#### **Dr. Michael Bucknor**

- Editor, *Journal of West Indian Literature* (Regional Refereed Publication)
- Member, Editorial Board *Caribbean Quarterly* (Regional Refereed Publication)
- Member, Board of Readers, *Issues in Critical Investigation*, Vanderbilt University, USA.
- Senior Editorial Advisor, *Lucayos*, College of the Bahamas. (Regional Refereed Publication)
- Advisor, CAPE Literatures in English, Project – Preparation of study Guide for CAPE Literatures in English, Caribbean Examinations Council.
- Chair, Association for Commonwealth Literatures and Languages Studies ACLALS

**Professor Carolyn Cooper**

- Member, Board of Directors, Development Partners and Management International Limited, Kingston.
- Regional Editor (Caribbean), *Interventions: International Journal of Postcolonial Studies*, Routledge.
- Weekly columnist the *Sunday Gleaner*

**Dr. Norval Edwards**

- Review Editor, Northern Caribbean University's peer-reviewed journal, *International Review of Humanities*.
- Member, Advisory Board, Issues in Critical Investigation, Vanderbilt University, Nashville, Tennessee.
- Associate Editor, *Small Axe: A Caribbean Journal of Criticism*

**Dr. Mawuena Logan**

- External Examiner, JBTE/TCJ (Joint Board of Teacher Education/ Teachers' Colleges of Jamaica) Kingston, Jamaica.
- External Examiner at the Northern Caribbean University (NCU) on May 13, 2013, for the BA in English with Literature emphasis examination.
- Member, Ghanaian Association in Jamaica, Kingston Jamaica.
- Member, Alliance Francaise de la Jamaïque, Kingston, Jamaica.

**Mr. David Williams**

- Member, Executive Committee of the Jamaica Association for Mentally Retarded Persons.

## DEPARTMENT OF MODERN LANGUAGES AND LITERATURES



Dr. Paulette A. Ramsay, BA, MA, PhD *UWI*  
Head of Department

The academic year commenced with high expectations of the effects of the new Repositioning of Foreign Languages in The UWI Policy. Without doubt, we were initially flooded by large numbers of students outside of the Faculty of Humanities and Education, who were eager to take advantage of this new regulation. Among the numbers, were students from Science and Technology, Medical Sciences, and Law who had been strongly encouraged by their programme Co-ordinators to do a Foreign Language course. Unfortunately, the positive results were soon diminished due to the difficulties involved in making quick changes to the Timetable to accommodate the large numbers. The numbers diminished especially among students from the Medical Sciences, who can attend classes mainly in the evenings, due to their Faculty commitments. This particular problem will be addressed in 2013–2014.



## **OPERATIONAL OBJECTIVES**

The Department continued to work to achieve objectives that were set in 2011–2012 but were not fully met. These need to be addressed on an ongoing basis until they have been satisfactorily accomplished:

### **2011–2012**

- Curriculum Review and Strengthening
- Increasing the numbers in the Department
- Income generation

## **NEW OBJECTIVES**

Additional new objectives were set for the 2012–2013 year.

- Increase enrolment of full-time graduate research students.
- Improve throughput of research students.
- Enhance learning effectiveness by providing students with a more diverse, flexible and multidisciplinary teaching/learning experience.
- Strengthen co-curricular engagement and programmes.
- Increase our ability to recruit and retain high quality staff in the Department.
- Increase the number of peer-reviewed publications and citations.
- Promote research accomplishments locally and internationally.

## **STAFF ACHIEVEMENT**

- Dr. Marie-Jose Nzengou-Tayo – Principal’s Award for Research (Category: Journal Article), UWI, Mona, February 8, 2013.

### **DEPARTMENTAL ACHIEVEMENT**

- The modified MA in Translation (French and Spanish) has now been approved by The University Committee for Graduate Studies and Research.
- The Spanish Club won the trophy for the most improved club, and five students received awards for outstanding participation in cultural and club activities.

### **SPECIAL ACTIVITIES**

- Opening Ceremony of the Nippon Room on September 25, 2012. This was attended by representatives of the Japanese Embassy, members of the Ministry of Foreign Affairs, members of The Planning Institute of Jamaica, and members of Japan International Cooperation Agency and chaired by Dr. Paulette A. Ramsay, Head of Department. Presentations were made by Professor Gordon Shirley, Principal of The UWI and Dr. Swithin Wilmot, Dean, Faculty of Humanities and Education who expressed appreciation for our new state-of-the-art facility.
- Collaboration with The UWI to celebrate Cuba/Jamaica relations. The students were prepared by Dr. Ramsay and presented a poem by Nicolás Guillén, “Tengo,” on December 6, 2012.
- Launch of French Cinè Club on October 9, 2012. This was a joint effort among the Office of the Principal, The French Embassy and the Department of Modern Languages and Literatures.
- Public lecture held on October 11, 2012 entitled: “The Current International Campaign in Support of the Cuban Five and the Lifting of the Blockade” by His Excellency, Yuri Gala, Ambassador of Cuba. This was organized by the Spanish Club.
- The Puppet Troupe of the Jiangsu Performing Arts Group held a Puppet Show on October 21, 2012 at the Phillip Sherlock Centre. Head of Department, Dr. Paulette A. Ramsay, represented the Principal who, due to a previous engagement, could not make the presentation as requested.

## Department of Modern Languages and Literatures

- Visit of Japanese Ambassador to the Department on February 15, 2013. The new Japanese Ambassador introduced himself to the Department of Modern Languages and Literatures, toured the new Language Laboratory, and interacted with third year students in Japanese.
- Modern Languages and Literatures Day was held on March 21, 2012. It comprised exhibitions of cultural artefacts, foods and other cultural products from China, Japan, Spain, Cuba, Mexico, Korea, France, and Colombia. The event was supported by several Embassies and Ambassadors from China, Japan, Spain, Cuba and Brazil. Events included films, mega concert, booth displays etc. It was well attended by more than fifteen Secondary Schools from across Jamaica.
- Japan Day, April 4, 2013. This was celebrated with a range of cultural activities in which students and the Japanese Embassy participated.
- A Third Year Sensitization programme was organized by Dr. Lindy Jones to give students an idea of the wide areas of work that require Foreign Languages and Literatures.
- The Cape Workshop was held on Saturday, April 13, 2013. This was well attended by students from the Sixth Forms of Campion, Wolmer's, Kingston College, Rusea's, Alpha Academy, Manchester Schools. They were very receptive of the ideas, suggestions and revisions.

### **CLUBS AND SOCIETIES**

All clubs held regular meetings and participated in several activities to promote their respective languages and cultures. Faculty advisors for Clubs were Mrs. Esmeralda Nunes, Mrs. Rona Barnett-Passard, Ms. Lorene Vidal, Ms. Tazuko Iijima, Ms. Tomomi Yoshimatsu and Mrs. Yingping Liang.

### **DEPARTMENTAL RETREAT**

This was a two-day workshop, May 21–22, 2013 which focused on the theme: “Innovativeness and Teamwork in the Teaching of Foreign Languages and Literatures”.

## PAPERS PRESENTED

### Dr. Paulette A. Ramsay

- Guest Lecture – March 8, 2013. “The Caribbean in Afro-Hispanic Literature.” Towson University. Baltimore, USA.
- “Eco-Feminism in Selected Afro-Mexican Folktales.” Paper presented. Conference on Geo-Aesthetics and World Peace. Towson University, Baltimore. USA. March 8–9, 2013.

## PUBLICATIONS

### Journal Articles

#### Dr. Françoise Cévaër

- Cévaër, Françoise. “Nick Stone: la créolisation du thriller à travers le prisme du trickster » (The creolization of thriller through the prism of the trickster), *Antillanité, créolité, littérature-monde*” ed. Isabelle Constant, Kadhuïdi C. Mabana and Philip Nanton, Cambridge Scholars Publishing, Newcastle, UK, 2013, 109–124.

#### Professor Claudette Williams

- “Narratives of Identity in Colonial Cuban Literature” *Identidades americanas más allá de las fronteras nacionales. Ensayos en Homenaje a Keith Ellis*. ed. María del Carmen Sillato and Patricia Varas. University Press of the South, 2012, pp. 57–72

## Translations

### Dr. Marie-José Nzengou-Tayo

- In collaboration with E. Wilson. Translation into English of articles by Jean Casimir’s and Michel Hector’s “Le Long XIXe siècle haïtien” (“Post-revolutionary Haiti,” pp. 289–297) and of Jean-Pierre Sainton’s “Mutations sociales et structures post-esclavagistes dans les territoires français (1848 –1900).” (“The French West Indies,” pp. 311–325); in

“Chapter 9. Caribbean Social Structure in the Nineteenth Century” by Kevin A. Yelvington, Jean-Pierre Sainton, Michel Hector and Jean Casimir. *General History of the Caribbean. Vol. IV. The Long Nineteenth Century: Nineteenth Century Transformations*. K.O. Laurence (Editor). Paris / London / Basingstoke: UNESCO / MacMillan. 2011. pp. 283–333. Print.

### Book Reviews

- Review of Matthew J. Smith. *Red and Black in Haiti: Radicalism, Conflict and Political Change, 1934–1957*. Chapel Hill: University of North Carolina Press, 2009. xi + 278 pp. *Caribbean Quarterly*. Vol. 58, No. 1 (March 2012). pp. 115–119. Print.
- Review of Martin Munro, ed. *Edwidge Danticat: a Reader's Guide*. Préface by Dany Laferrière. Charlottesville and London: University of Virginia Press, 2010. 222 pp. in *Caribbean Quarterly*. “Communication in Action.” Vol. 58, Nos. 2 & 3. June-September 2012. pp. 167–170. Print.
- In collaboration with Gilles Lubeth. “French for International Conference at The University of the West Indies, Mona: Total Simulation in the Teaching of Languages for Specific Purposes.” In Lourdes Sanchez-Lopez (editor). *The Scholarship and Teaching of Languages for Special Purposes*. Birmingham, AL: Mervyn H. Sterne Library. University of Alabama at Birmingham, 2013, pp. 73-86. DOI. <http://contentdm.mhsl.uab.edu/cdm/ref/collection/faculty/id/168>
- Review of Edwidge Danticat's *Creating Dangerously: The Immigrant Artist at Work*. Princeton, NJ: Princeton University Press, 2011, 189 pages. *Caribbean Quarterly*, Vol. 58, No. 4, December 2012, pp. 127–133. Print.

### Dr. Paulette A. Ramsay

- “La Cultura Rastafari en Cuba.” Santiago de Cuba: Puré Davis. Editorial Oriente. 2011. 223pp. *Caribbean Quarterly*. Vol. 59. No 1. (March 2013): 117–119.

**PUBLIC SERVICE**

**Dr. Paulette A. Ramsay**

- Caribbean Examinations Council – CAPE, CXC
- E-Learning, Jamaica
- Review Editor, *Caribbean Journal of Education*
- Guest Editor, *Quality Education Forum*, Vol. 18, 2012
- Peer Reviewer for PALARA and *Hispania*
- Editorial Board Member, PALARA.

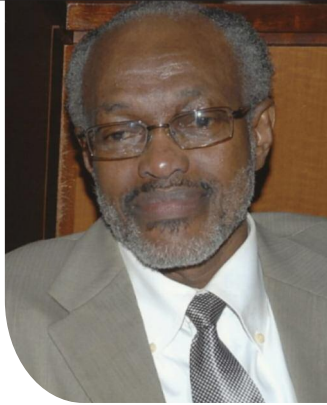
**Professor Claudette Williams**

- Editorial Board Member, *Afro-Hispanic Review*
- Peer Reviewer, *Afro-Hispanic Review*, *Contemporary Caribbean Dynamics: Re-configuring Caribbean Culture*
- Member of the Standing Committee on Ordinances & Regulations.
- UWI representative to the Board of Governors of the Edna Manley College for the Visual and Performing Arts.
- Academic Board (Mona) Representative to Cave Hill Campus Council.

**Dr. Marie-José Nzengou-Tayo**

- Peer Reviewer, *Caribbean Quarterly*
- Chair, 2013 Travel Grant Committee, Caribbean Studies Association (CSA).
- Member, CSA Translingual Working Group. (Pro-bono Translations into French for CSA's website and programme).

## SCHOOL OF EDUCATION



**Professor Stafford Griffith, BA *UG*, MEd *UG*, PhD *UWI*, LL.B *Lond*  
Director**

### **OVERVIEW**

**A** new Director of the School of Education (SOE) was appointed in 2012/2013. The new Director continued the work initiated by the outgoing Director, Professor Zellynne Jennings-Craig, by seeking to consolidate the restructuring process started under her leadership.

The need for further changes to improve the quality of the services provided by the SOE received much attention during the year. It was recognized that some refinements to the existing structures for management of programmes and provision of services were needed, taking into account the changes taking place in the wider national, regional and international environment. This led to the development of a comprehensive four-year strategic plan, *Repositioning of the School of Education*, which was considered and approved at the June 2013 staff retreat. The plan

spans a four-year period (2013–2017) so that the end date corresponds to that of the current UWI Strategic Framework 2012–2017. It includes:

- a new Mission and Vision statement,
- an emphasis on curriculum renewal,
- the pursuit of multi-modal delivery of courses and programmes,
- approaches for increasing research and publications output,
- staffing for development and change,
- establishment of an Advisory Board for the School,
- refinements to the management of academic programmes and services,
- revitalization of two existing Centres of the School and
- rebranding of the School.

The document on the *Repositioning of the School of Education*, now serves as the point of reference for planning at all levels in the SOE.

## **TEACHING AND LEARNING**

Significant progress was made with the revision of the undergraduate programme in Early Childhood Education.

A new programme, a Master of Arts in Higher Educational Management, was developed under the guidance of Dr. Disraeli Hutton. A graduate course on Mixed Methods Research in Education was also developed by Dr. Loraine Cook and is expected to be approved in time for delivery in Semester II, 2013/2014.

The following two Customized Professional Short Term courses were delivered in the summer of 2013:

- Designing Effective Training in Public & Private Enterprises.
- Designing Monitoring & Evaluation Systems for Training Programmes.

At the Faculty Award Ceremony held on November 8, 2012 the Madge Hall Prize was presented to Dominique Dixon for the most outstanding



performance in Level I of the B.Ed. 90 credit programme. The School of Education prize for most outstanding academic performance in Level II was presented to Delmar Sherriffe. The Professor Aubrey Phillips Prize for the most outstanding academic performance in the final year was awarded to Andre Burke. The Professor John Figueroa prize for the most outstanding academic performance in the Postgraduate Diploma in Education was awarded to Alecia Bennett.

The Graduate Research Seminar and Awards Ceremony were held on Wednesday, May 8, 2013 at the Mona Visitors' Lodge & Conference Centre. Ms. Clavia Williams, Mr. Michael Maxwell, Mrs. Christa Ferguson-Rainford, Ms. Rachel Eaton, Mr. Brenton Bartley and Ms. Tameika Burgher made presentations on their Master's projects. Drs. Joan James and Clover Hamilton-Flowers made presentations on their doctoral theses. Ms. Dredria Bailey received The Dr. Monica Brown Award for the best performance in the graduate online programmes and Mrs. Tashane Haynes-Brown received the School of Education award for excellent academic performance. Both awardees completed the M.A. Teacher Education & Teacher Development. Fourteen posters on abstracts of excellent research reports were displayed.

The School of Education and the Jamaican Ministry of Education collaborated in staging the Expanded Grade 9 Mathematics Problem-solving Competition. The competition took place in two rounds. The first round was held on February 21, 2013, and involved three Grade 9 students from schools within each of the six regions working together as a team to solve mathematical problems and explore mathematical investigations. Forty-three schools participated. The teams in the regions who received the three highest scores moved on to Round 2, which took place at the University of the West Indies on March 21, 2013. Round 2 involved mathematics problem-solving and investigations. St. Mary High School won first place.

Table 1 provides a summary of the number of students who were awarded First Class Honours, Second Class Honours and Pass Degrees for 2012–2013.

**Table 1: Bachelor of Education Awards 2012–2013**

First Class Honours	Second Class Honours		Pass
	Upper	Lower	
15	37	46	5

Table 2 shows the number of students in nine specializations who completed the requirements for the award of the Master of Education degree in 2012–2013.

**Table 2: M.Ed. Students Who Completed in 2012–2013**

Specialization	No. Completed
Curriculum Development	1
Educational Administration	38
Educational Measurement	19
Educational Psychology	16
Language Education	7
Mathematics Education	9
Primary Education	3
Science Education	2
Master of Arts – Teacher Education and Teacher Development	21
<b>Total</b>	<b>116</b>

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

- Number of students who completed Part 1 in 2012–2013.

## School of Education

- No of students who opted to pursue Part 2 in 2013–2014, having completed Part 1 in 2012–2013.
- Number of students who completed Part 2 in 2012–2013.

**Table 3: Students Who Completed Parts 1 and 2 in 2012–2013**

Track 1	Part 1		Part 2
	No. Completed	No. Proceeding to Part 2	No. Completed
English Language	17	11	3
Modern Foreign Language	8		
History	7	2	1
Social Studies/Geography	11	2	1
Mathematics	9	3	2
Science	22	7	7
Information Technology/ Computer Science	5	5	
<b>Total</b>	<b>84</b>	<b>30</b>	<b>14</b>
Track 3			1

### **STRENGTHENING NATIONAL ENGAGEMENT AND INTERNATIONAL COLLABORATION**

On March 1, 2013, the SOE in collaboration with Operation Save Jamaica presented a professional development workshop on *Managing Conflicts Through Restorative Justice Circles*. The presenter was Mrs. Pauletta Chevannes, Coordinator of the Change from Within programme.

The SOE successfully staged the Literacy Symposium which was held on

March 21–22, 2013. Staff of the SOE also participated in the Biennial Education Conference of the Schools of Education which was hosted by the St. Augustine Campus from April 23 to 25, 2013. Members of staff of the SOE presented a number of papers on their current research.

The UNESCO/UWI/SOE Education for Sustainable Development/Climate Change Education for Sustainable Development Workshop was held from May 15 to 17, 2013. The workshop was attended by 32 local and regional participants, including lecturers, Heads of Department, Vice-Principals and Deans and representatives of various educational institutions in the region. The keynote presenters were Dr. Michael Taylor (HOD, Department of Physics and Chair, Climate Change Studies) and Professor Rosalyn McKeown, UNITWIN/UNESCO Secretariat and Chair in Reorienting Teacher Education to Address Sustainability, York University.

At a ceremony on June 25, 2013 the United States Agency for International Development (USAID), formally handed over the Community of Practice (CoP) to the School of Education. The CoP is a forum for online exchanges among registered participants on critical issues in education. The SOE plans to broaden the CoP to include consideration of issues affecting student outcomes at all levels of the education system in Jamaica and the rest of the Caribbean.

## **PROJECTS AND AWARDS**

The SOE was successful in being awarded a Mona Research Fellowship for its proposal for an *Evaluation of the Impact of Interventions Related to Safety, Security, and Violence in Jamaica*. The SOE's representatives for this initiative are Dr. Deon Edwards-Kerr, Dr. Loraine Cook and Dr. Clement Lambert.

## **INCOME GENERATION**

Mrs. Joan Spencer-Ernandez spearheaded the successful effort to obtain funds from CHASE to:

## School of Education

- establish an SOE Centre for the Assessment and Treatment of Exceptionalities (SOCATE),
- assist fifteen (15) basic schools to meet requirements for licensing by the Early Childhood Commission, and
- help with the upgrading of five (5) primary schools in the first year.

The total grant for the project is JA\$40.0 million over the next three years.

### **PUBLICATIONS UNIT**

The Publications Unit produced two journals: a special issue of the *Caribbean Journal of Education*, Vol. 33, No. 2 with the theme “Rethinking Teacher Education and Teacher Development”, and the *Journal of Education and Development in the Caribbean*, Vol. 12, No. 2.

A monograph, *Monitoring Reading Progress in the Caribbean Centre of Excellence for Teacher Training*, was also published.

The Publications Unit continued to market and sell its publications, notably at the UWI Research Day and at local symposia and conferences.

### **PAPERS PRESENTED**

- **Jennings-Craig, Z, Cook, L. and Anderson, S.** “Absenteeism in Secondary Schools in Jamaica: Parents’ perspective on the causes”, Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.
- **Joong, Y. and Anderson, S.** “Perceptions of Teachers and Students on School Violence in Jamaican Secondary School”, The AERA Conference in San Francisco, California: April 28–May 2, 2013.
- **Collins-Figueroa, M.** “Whole Institution Approaches to Climate Change Education for Sustainable Development (CCESD) and Disaster Risk Reduction (DRR)”. Guyana/UNESCO CCESD & DRR Capacity Development Workshop, Georgetown, Guyana. March 12–14, 2013,

National Centre of Education for Research and Development, Georgetown, Guyana. 19 PPT slides.

- **Collins-Figueroa, M.** “Conceptions of Nature of Science held by Jamaican Postgraduate Science Education Students: Preliminary Findings”. Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad, April, 23–25, 2013.
- **Collins-Figueroa, M.** “Exploring the Beliefs and Practices of a Jamaican Science Educator regarding Environmental Education for Sustainable Development”. Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad, April, 23–25, 2013.
- **Collins-Figueroa, M.** “Mainstreaming Environment and Sustainability in Caribbean Universities.” Poster displayed at the Seventh World Environmental Education Congress, Marrakech, Morocco, June, 9–14, 2013.
- **Stage, F.K. & Cook, L.** “Getting to the University with Limited Options: The Caribbean Context.” Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.
- **Roofe-Bowen, C. & Cook, L.** “Dispositions of Cooperating Teachers Toward The Practicum In Jamaica.” Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad, April, 23–25, 2013.
- **Jennings-Craig, Z., Cook, L. & Feraria, P.** “Changing Landscapes in Caribbean Education: Are Our Teachers Being Adequately Prepared For This?” Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.
- **Cook, L. & Mundle, O.** “The Influence of Music Activities on Students’ Self-esteem in a Selected Urban School (A Pilot).” Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.
- **Cook, L.** “Exploring the blending of online with face-to-face delivery of a Postgraduate course”. The Macrotheme Conference. Espace

vocation Paris Haussman Saint – Lazare 92, rue Saint –Lazare 75009, Paris, December 27–28, 2012.

- White, L. & Cook, L. “Ethnography Training for Grace Kennedy Staff.” Grace Kennedy Limited, Kingston, Jamaica. October 30–November 16, 2012.
- Cook, L. & Chevannes, P. “Sensitization of Parents to the Needs of Their Children, & Conflict & Aggression Management.” Operation Restoration Christian School, Trench Town, Kingston, October 22, 2012.
- Cook, L. & Daley, W. “Developing a school culture.” Operation Restoration Christian School, Trench Town, Kingston. September 14, 2012.
- Davies, R. “Status of early childhood development in the Caribbean”: World Forum Foundation Global Leaders in ECD Project, Miami Dade, Florida, USA, November 4–6, 2012.
- Davies, R. “Early childhood development moving forward: lesson for the future in ECD”. Early Childhood Development Conference, Kingston, Jamaica, March 26, 2013.
- Davies, R. “Teacher leadership: are Jamaican schools ready to embrace the concept?” Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.
- Davis-Morrison, V. “Teaching Life Skills-Based Health and Family Life Education: A Sustainable Approach to Education”. Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.
- Down, L. “Education for Sustainable Development/Climate Change Education for Sustainable in the Region”. UNESCO/Guyana Climate Change Education for Sustainable Development Capacity Development Workshop, Guyana, March 12–14.
- Down, L. “Teacher Leadership for Education for Sustainable Development” Kappa Delta Pi Webinar Series. April 4, 2013.

- **Down, L.** “Reading Olive Senior: Reading Poet as ‘Memory Keeper’”, Caribbean Poetry Conference, Cambridge University, Cambridge, Britain, September 20–22, 2012.
- **Feraria, P.** “Write It, Sing It, Live It!: Behaving Literately.” University of the West Indies, School of Education: Literacy Symposium, February 2013.
- **Griffith, S.A.** “The Alternative Paper to School Based Assessment (SBA): Importance of Sustaining and Expanding the CXC Innovation”. Biennial Conference of the University of the West Indies School of Education, St. Augustine, Trinidad: April 23–25, 2013.
- **Newman, M., & Hordatt Gentles, C.** “Helping Caribbean graduate students to become qualitative researchers: searching for an appropriate pedagogy”. Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.
- **Hordatt Gentles, C., & Newman, M.** “Educating teacher educators for Jamaica: The Master of Arts Programme in Teacher Education and Teacher Development.” 57th World Assembly of the International Council on Education (ICET) Bangkok, Thailand, June 25–28, 2013, 536–542.
- **Hutton, D.** “Perceptions of Teachers and Students on School Violence in Jamaica Secondary Schools. Poster session presented under the Theme: Education and Poverty: Theory, Research, Policy and Praxis.” American Educational Research Association Annual Meeting, San Francisco, California, USA, April 27–May 01, 2013.
- **Hutton, D.** “The Critical Factors Explaining High-Performing Principals’ Leadership Effectiveness.” Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.
- **Hutton, D.** “TVET and Relevant Learning: Comparison of Technical and Vocational Schools in Canada, China, Taiwan, Trinidad and Tobago and Jamaica.” Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.



- **Hutton, D.** “Training programme for Secondary School Principals: Evaluating its Effectiveness and Impact.” Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.
- **Hutton, D.** “Cost Sharing and the Financing of Public Education: Applying a Comprehensive Model”. Sir Arthur Lewis Institute of Social and Economic Studies (SALISES) 50/50 Conference, Pegasus Hotel, Kingston, Jamaica, August 20–24, 2012.
- **Jennings, Z.** “Literacy 1-2-3: an assessment of the effectiveness of its implementation in Jamaican primary schools.” Literacy Symposium. The University of the West Indies, Mona, March 21–22, 2013.
- **Joong, Y.P.** “Education Policy and Praxis in China: Comparing the Perceptions of Secondary Teachers and Students”. American Educational Research Association (AERA), Annual Meeting, San Francisco, USA, April 27–May 1, 2013.
- **Joong, Y.P.** Integration of Environmental Education in Mathematics and English Classes in Canada and Jamaica. Canadian Association for the Study of International Development (CASID), Annual Meeting, 2013, Vancouver, B.C. Canada.
- **Joong, Y.P.** “Comparison of Perceptions of Teachers and Students on Education Reforms in Ontario and Quebec”. Canadian Society for Studies in Education (CSSE), Vancouver, Canada, 2103.
- **Joong, Y.P., Ramsawak-Jodha, N.** “Symposium: Indigenous knowledge and culturally relevant teaching: A comparison of secondary reforms in Jamaica and Trinidad, Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad, April, 23–25, 2013.
- **Joong, Y.P., Ramsawak-Jodha, N.; Hutton, D.; & Morris, H.** TVET and relevant learning: Comparison of technical and vocational (TVET) schools in Canada, China, Taiwan, Trinidad and Jamaica”. Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad: April 23–25, 2013.

- **Joong, Y.P.** “Indigenous knowledge and culturally relevant teaching: Integration of environmental education in Mathematics and English classes in Jamaica”. Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad, April, 23–25, 2013.
- **Joong, Y.P.;** Thomas, S.; **Hutton, D.;** & Lin, M-D. Leadership for Change in China, Taiwan, Jamaica and Canada. International Congress for School Effectiveness and Improvement (ICSEI) in Santiago, Chile, 2103.
- **Lambert, C.,** Marsh-Harris, T., et al. “Collaborative coaching: A snapshot of a professional development practicum for University Literacy Students”. University of the West Indies, School of Education Literacy Symposium Kingston, Jamaica, March 21, 2013.
- **Lambert, C.,** (2013). “Jamaican Primary Teachers’ Responses to literacy curriculum implementation process”. University of the West Indies, School of Education Literacy Symposium, Kingston, Jamaica March 21, 2013.
- **Lewis-Fokum, Y.** “Examining the discourses behind the Grade Four Literacy Test Literacy for, Literacy Symposium, Kingston, Jamaica, March 21–22, 2013.
- **Morris, H.** “TVET at the Tertiary level” VTDI Symposium, Jamaica Conference Center, Kingston, Jamaica, March 7, 2013.
- **Morris, H.** “A New Paradigm in Assessment: Competency Based”. JTA Conference. Rose Hall, Montego Bay. April 2–4, 2013.
- **Morris, H.** “Preparing Educators in TVET for Building Human Capacity in the Caribbean”. UWI-SOE Biennial Conference, Trinidad and Tobago, April 23–25, 2013.
- **Morris, H.** “A New Paradigm – TVET at the Tertiary Level in Jamaica” Biennial Conference of the University of the West Indies Schools of Education, St. Augustine, Trinidad, April, 23–25, 2013.
- **Morris, H.** “The Role of STEM in Advancing TVET” SOE Forum on Education, Science, Technology, Engineering and Mathematics for Innovation and Economic Prosperity, February 5, 2013.

- **Morris, H.** “The road to TVET Autonomy” VTDI Meeting. Hotel Four Seasons, Kingston. June 7, 2013.
- **Morris, H.** “Changing the Face of TVET” Portmore HEART Academy Meeting, St. Catherinr, Jamaica, July 5, 2013.

## **PUBLICATIONS**

### **Books**

- **McCallum, A., Coke, L., & Davis-Morrison, V.** (2012) *Jamaica Secondary Social Studies-Growing Together, Grade 9 Students Book*. MacMillian.
- **Hunt, N., Buckle Scott, L., Davis-Morrison, V. & Jainungalsingh, A.** (2013) *Social Studies for CSEC*. Nelson Thornes.
- **Feraria, P.** (2012) *Achieve: A Complete English Course for CSEC Examinations. Students’ Book*. Pearson Education Limited. Edinburgh Gate: Harlow Essex, England.
- **Feraria, P. & Blackburn, L.** (2013) *Achieve: A Complete English Course for CSEC Examinations. Teacher’s Handbook*. Pearson Education Limited. Edinburgh Gate: Harlow Essex England.

### **Chapters in Book**

- **Hutton, D. M.** (2013) “Leadership in Practice: High Performing Principals in the Jamaican School System”. In P. Miller & A. Minott (Eds.), *School Leadership in the Caribbean: Perceptions, Practices and Paradigms*. Oxford, UK: Symposium Books (pp. 79–103)
- **Joong, P. & Ryan, T.** (2013). “Teachers’ and Students’ Perceptions of Secondary Reform and Implementation: A China and Canada Comparison”. In Yvonne Hébert & Ali A. Abdi (Eds.). *Critical Perspectives on International Education*, pp. 263–278. Rotterdam/Taipei: Sense Publishers. ISBN 978-94-6091-905-3
- **Joong, P. & Noel, K.** (2013). “The Perceptions of Teachers in Sierra Leone’s Secondary Education Reform”. In Robert A. DeVillar, Binbin

Jiang & Jim Cummins (Eds.). *Transforming Education: Global Perspectives, Experiences and Implications*. Peter Lang Publishing. ISBN 978-1-4331-2038-1

### Refereed Journal Articles

- **Cook, L.D.** (2012). “Teacher Locus of control: Identifying difference in the classroom practices”. *International Journal of Multiple Research Approaches*, 6(3), 285–296.
- **Collins-Figueroa, M. L. Down, C. Hordatt Gentles, M. Newman, V. Davis-Morrison.** (2013) “Concepts of Professionalism among Prospective Teachers in Jamaica”. *Caribbean Journal of Education* 33, 2, 176–201.
- **Down, L., & Newman, M.,** (eds) (2013). “Rethinking Teacher Education and Teacher Development”, Special Issue. *Caribbean Journal of Education*, 33(2).
- **Collins-Figueroa, M.** (2012). “Biodiversity Education and Education for Sustainable Development in Teacher Education Programmes of Four Jamaican Educational Institutions”. *Journal of Education for Sustainable Development* 5, 87–101.
- **Feraria, P.** (2012). “Tutorial Rites-of passage: Student Teachers’ Self-Study for University Graduate Profile”. *The UWI Quality Education Forum*. The Office of the Board of Undergraduate Studies. January pp. 39–55.
- **Hutton, D. M.** (2013) “Funding Options and Strategies: Deriving A Model for Higher Education in Jamaica and other Developing Countries”, *Journal of Education and Development in the Caribbean*, Vol. 12, No. 2, 53–78.
- **Hutton, D.M.** (2013). “Interpreting the demographic variables related to high-performing principals in the public education system in Jamaica”. *International Studies in Educational Administration (ISEA)*, Vol. 41, No. 1, 57–73.
- **Hutton, D. M.** (2013). “Training Programme for Secondary School Principals: Evaluating its Effectiveness and Impact”. *International*

*Journal of Educational Leadership Preparation (IJELP)*, Vol. 8, No. 1, 31-48. Retrieved from <http://www.ncpepublications.org/attachments/article/536/Hutton.pdf>.

- Ryan, T.G. & Joong, Y. P. (2013). "Revisiting Ontario Teachers' and Students' Perceptions of Large-Scale Reform". *International Journal of Educational Reform*, 22(1), 2–23.
- Joong, Y. P. (2012). "Perceptions of Parents, Teachers, and Students on Secondary Education Reforms in China". *Peabody Journal of Education*, Special Issue, 87(2), 267–282.
- Lambert, C. with Lambert, M. et al (2012). "Two Decades of Quantitative Research on Jamaican Child Adjustment: A Recent Focus on Measuring and Studying Caribbean Adult Psychological Functioning". *Caribbean Journal of Psychology*.
- Herbert, S. & Rainford, M. (2013). "Developing a model for continuous professional development by action research". *Professional Development in Education*, pp. 1–23.
- Bramwell-Lalor, S. & Rainford, M. "The effects of using concept mapping for improving advanced level biology students' lower-order and higher-order cognitive skills". *International Journal of Science Education*.

#### **Non-Refereed Publications**

- Griffith, S. A. (2013). The Impact and Influence of CXC on the Regional Educational Landscape. *The Caribbean Examiner* 11 (1), 16–19.
- George, N., Newman, M. & Hordatt Gentles, C. (2012) *Practicum Users Guide for Associate Degree in Education (ADE)*. Cyril Potter College of Education, Guyana. 51 pages.

#### **NON-PRINT/MULTIMEDIA**

- Feraria, P. "Stage Ablaze" (2012). CSEC English B Learning Support Materials on film for dissemination via Cable television. Schools of Education: University of the West Indies.

- **Feraria, P.** (2012). “The Stage is in the Pages”. CSEC English B Learning Support Materials on film for dissemination via cable television. School of Education: University of the West Indies.

## **TECHNICAL REPORTS**

- **Down, L., Boxill, I., Carby, B., Collins-Figueroa, Henry, H., M., Morris, H., Taylor, M.,** (2013). Final Report on the Review of Formal and Non-Formal National Education Programmes, Policies and Curricula and the National Survey, pp. 1–135.
- **Down, L.** (2013) UNESCO/Guyana Education for Sustainable Development/Climate Change Education for Sustainable Development Workshop Report, pp. 1–25.
- **Down, L.** (2013). UNESCO/UWI/SOE Education for Sustainable Development/Climate Change Education for Sustainable Development Workshop Report, pp. 1–15.
- **Griffith, S. A.** (2013). “Beta Test of CSEC Geography and CAPE Physical Education and Sport Syllabus to Inform Finalization of Syllabuses by the Caribbean Examinations Council”, pp. 131.
- **Griffith, S. A.** (2013). Focus Group for CSEC English Syllabus: Needs Assessment to Inform Syllabus Revision by the Caribbean Examinations Council, pp. 101.
- **Griffith, S. A.** (2013). External evaluation of the UNESCO and Japanese Funds-in-Trust (JFIT) Belize Certificate in Primary Education (CPE) Project, UNESCO, Jamaica, pp. 90.
- **Griffith, S.A.** (2012). Face-to-Face and Distance Education Modules for Associate Degree Course in Assessment for Classroom Practitioners, Cyril Potter College of Education (CPCE), Guyana, pp. 263.
- **Griffith, S.A.** (2012). Course Reader for Face-to-Face and Distance Education Course in Assessment for Classroom Practitioners Course in Associate Degree Programme, Cyril Potter College of Education (CPCE), Guyana, pp. 212.

## School of Education

- **Jennings, Z.** (2013) Report of Accreditation Visit to the College of Health Sciences, School of Allied Health and Wellness, University of Technology, Jamaica, Accreditation of the Associate of Science in Health Information Technology June 11–12, 2013, p 12.

### **PUBLIC SERVICE**

#### **Dr. Susan Anderson**

- Member, WERA Group (A sub-group of the AERA)
- Board Member, *Journal of Technology and Inclusive Education (IJTIE)*
- Coordinator and group member for project: Dealing with violence and aggression in the classroom: Model for Papine High School
- Coordinator, Summer Camp for at risk-youth, Papine High School Students
- Member, Board of Management, Sir John Golding Institute
- Member, Jamaica Association for Special Educators

#### **Dr. Camella Buddo**

- Member, Ministry of Education, Committee, for reviewing the National Mathematics and Numeracy Policy.
- Reviewer, Ministry of Education's National Tests in Mathematics.
- Vice-Chairman, School Board, Constant Spring Primary and Junior High School.

#### **Dr. Marceline Collins-Figueroa**

- Member, Interim Steering Committee, Global Universities Partnership on Environment and Sustainability (GUPES), c/o UNEP, Environmental Education and Training Division, Kenya.
- Member, Mainstreaming Environment and Sustainability in Caribbean Universities (MESCA).

**Dr. Rose Davies**

- Commissioner of the Board, Early Childhood Commission and Chair, Training and Development Sub-committee

**Dr. Lorna Down**

- Member, Advisory Board, The Mico University College
- Chair, Steering Committee for Caribbean Network of Teacher Educators for Sustainability

**Dr. Paulette Feraria**

- UWI Representative, National Textbook Advisory Committee
- Coordinator and Trainer, “Train the Trainers” islandwide intervention for the improvement of performance in CSEC English A 2013 Examinations, National Training in English Task Force
- Assistant Chief Examiner, CSEC English A

**Dr. Carol Hordatt Gentles**

- Member, Board of Directors, University Council of Jamaica & Chair, AC&D Sub Committee, University Council of Jamaica.
- Member of Undergraduate BEd Advisory Committee. University of Technology, Jamaica

**Professor Stafford Griffith**

- Chairman, Technical Advisory Committee, the Caribbean Examinations Council for the January and May/June sittings of examinations, CAPE, CSEC and CCSLC
- Chairman, National Examinations Appeal Committee appointed by the Minister of Education, Jamaica, to advise on appeals arising out of national examinations
- Commissioner, Overseas Examinations Commission, Jamaica
- Chairman, Operations and Development Committee, Overseas Examinations Commission
- Member, Jamaica Teaching Council Advisory Body



## School of Education

- Chairman, Programme Development and Quality Assurance Committee, Jamaica Teaching Council Advisory Body
- Member, Senior Policy Making Group of the Minister of Education, Jamaica
- Member, National Council on Education, Jamaica
- Member, National College for Educational Leadership Steering Committee

### **Dr. Clement Lambert**

- Member, Steering Committee, Literacy Assessment and Monitoring Programme (LAMP)
- Member, Accreditation Team, University Council of Jamaica UCJ
- Consultant, Belize Teacher Education and Development Strategy Framework

### **Ms. Schontal Moore**

- Judge, Annual Essay Competition, Michael Manley Foundation
- Facilitator, Workshop on Teaching CXC English A & Writing Across the Curriculum at St. Hugh's High School
- Member, National Council of Teachers of English (NCTE)
- Member, College Composition and Communication (CCC)
- College Board AP Reader for English Language (USA)
- Assistant Chief Examiner, CAPE Literatures in English

### **Dr. Halden Morris**

- Commissioner, Overseas Examinations Commission (OEC)
- Chair, Procurement Committee of the OEC.
- Member, Jamaica's TVET Policy Development Committee, Jamaica
- Professional Activities Chair – Area 9, Jamaica, Institute of Electrical and Electronics Engineers (IEEE)
- Member, Advisory Committee, Caribbean Knowledge and Learning Network (CKLN)

- Board Member, Vocational Training and Development Institute (VTDI)
- Board Member, ICT4D Jamaica
- Board Member, JBTE Foundation
- Member, Ministry of Education Advisory Committee on Alternative Energy
- Member, Quality Assurance Committee of the National Council on TVET (NCTVET)
- Member, Mico University College Academic Advisory Committee
- Member, Academic Board – Caribbean Maritime Institute
- Member, Advisory Committee of Portmore HEART Academy
- Member, Academic Board – Faculty of Education and Liberal Studies, UTech, Jamaica
- Member, Jamaica Bureau of Standards Technical Committees:
  - o Electrical Practices & Products
  - o Energy Efficiency (Alternative Energy Sub Committee)
  - o Street Lighting Advisory Committee
- Team Member, UWI Consultancy on Climate Change in Guyana funded by UNESCO.

**Dr. Mairette Newman**

- Chairperson, National Committee for the Selection and Appointment of Master Teachers (NCSMT)
- Member, Caribbean Examinations Council (CXC) National Committee.
- Member, Board of Management, Champion College, Kingston, Jamaica.

**Dr. Marcia Rainford**

- Chief Examiner, CSEC Chemistry

# FACULTY OF LAW

## Mona

Year ending July 31, 2013



**DERRICK MCKOY, JP**

*LLB UWI, LLM Lond., MBA Barry, DBA NSU, PhD Leic*

**Dean**

# – *Dean’s Overview* –

## **ACADEMIC ACHIEVEMENTS**

**I**n the 2012/2013 Academic Year, the Faculty of Law continued to provide quality service molding the minds of aspiring lawyers in the Commonwealth Caribbean. The Faculties of Law, across the three Campuses, boast a common curriculum and open consultations which have been the practice for the last forty three (43) years.

The 2012/2013 Academic Year marked the completion of the second three-year cohort of students in the Mona Law programme. The Faculty declared ninety two (92) LLB degrees, three (3) of which were First Class Honours. The majority of these graduates have moved on to the Norman Manley Law School to pursue the Certificate of Legal Education and be called to the Bar.

In the same academic year, the Faculty enrolled 224 students to the full-fee paying three year Mona Law programme. There were an additional 252 students returning to Parts II and III of the programme.

The Faculty also re-introduced offering the first year of the LLB programme at the Western Jamaica Campus (WJC) in September 2013, having first offered the programme in 2009/2010 academic year. The enrolment for the 2012/2013 academic year was sixteen (16) students,

hailing from various parts of Jamaica, and also one from Trinidad and Tobago. Each semester the students made a number of official trips to Kingston to attend events such as research day and other special lectures, the hearing of the CCJ/ Shanique Myrie case, sitting of the Senate at Gordon House and also to join the Mona students for lectures and activities.

The Faculty of Law at The University of the West Indies, Mona, launched the Mona Law Series (MLS) on Thursday, November 29, 2012. The Series consists of seminars led by the UWI Mona Law faculty on issues of interest to the wider University community, the judiciary and the legal profession. In attendance at the Series was Senator the Hon. Mark Golding, Minister of Justice.

Extensive work is being done by members of the academic staff in the Faculty which will be widely cited and used as texts.

### **NEW STAFF MEMBERS**

The Faculty welcomed two new members of staff to the Mona Law team: Drs Shazeeda Ali and Celia Brown-Blake. Dr. Shazeeda Ali is the Caribbean's leading researcher on corporate misconduct, which straddles both public and private law. She joined Mona Law in September 2012 as a senior lecturer, having spent six years as a Technical Advisor/ Assistant Attorney General at the Attorney General's Chambers and then a Tutor in Ethics, Rights & Obligations of the Legal Profession at the Norman Manley Law School. Dr. Ali earned her LL.B at The University of the West Indies, an LL.M at the University of Cambridge and a PhD at the University of London.

Dr. Celia Brown-Blake joined the Faculty as a senior lecturer, having spent many years lecturing in the Mona School of Business and Management. Dr Blake's area of research is multidisciplinary as she is a regional expert on Language and the Law. Her current research in this area examines the role of law in expanding the use of non-dominant Caribbean languages in public domains such as the court system and in

the wider public sector. She earned an LL.B and a BA at The University of the West Indies, an LL.M at the London School of Economics (LSE), and also holds an MA and PhD from The University of the West Indies.

### **STAFF ACHIEVEMENTS**

Gilbert Kodilinye, Professor of Property Law, is the leading Trusts lawyer in the Commonwealth Caribbean. In September 2012 Prof. Kodilinye published the 3rd edition of the book *Commonwealth Caribbean: Law of Trusts*. This new edition, like previous editions, now serves as the primary text for Trust Law courses in the Caribbean.

Tracy Robinson, Senior Lecturer, is in her second year of a four year term as a member of the Inter-American Commission on Human Rights (IACHR). In March she was re-elected First Vice President of the Commission. She was also appointed the Commissioner in charge of the LGBTI Unit and she continues to serve as Rapporteur for the Rights of Women.

### **CONFERENCES, SEMINARS AND GUEST LECTURES**

Ms. Michelle Walker, Head of the Legal Unit at the Ministry of Foreign Affairs and Foreign Trade in Jamaica, presented on the topic “Law Relating to Treaties” to the Public International Law I students in October 2012.

Mr. Jeremy Taylor, Deputy Director of Public Prosecutions at the Attorney General’s Office in Jamaica, presented on the topic “Accomplices” to the Criminal Law I students in November 2012.

On January 21, 2013, Professor Kevin Davis, Vice Dean at the New York University School of Law, gave a public lecture at the Faculty of Law, UWI, Mona, His lecture entitled, “Jamaica’s Business Climate by Numbers: The Role of the Legal System” considered the external assessments of countries’ business climates in the form of quantitative indicators, which often focus heavily on the performance of legal

institutions. He also looked at indicators and governance and how this development plays out in the Jamaican context.

Commentators for the lecture were Dr. Damien King, Head of the Department of Economics, UWI (Mona) and Co-Executive Director of the Caribbean Policy Research Institute (CaPRI) and Ms. Eleanor Brown an Associate Professor of Law and George Washington Institute of Public Policy (GWIPP) Fellow at George Washington University.

On March 4, 2013, The Faculty of Law invited Dr. Chantal Ononaiwu to present in a Talk and Discussion session titled “CARICOM Law and the Caribbean Court of Justice”. Chantal Ononaiwu is the Trade Policy & Legal Specialist in the Office of Trade Negotiation (OTN) of the CARICOM Secretariat.

Mrs. Karen Chin Quee Akin, Corporate Counsel and Corporate Secretary for The Bank of Nova Scotia Jamaica Limited, Life of Jamaica Limited and now Grace Kennedy Ltd, presented a short lecture on the topic “Regulatory Framework for Public Listed Companies, Insider Trading and the Duties and Responsibilities of Directors and Officers” on March 12, 2013.

On April 19, 2013, Dr. Efrén Rivera Ramos of the University of Puerto Rico, Faculty of Law, presented on, “Colonialism and the Constitution”, where he shared some thoughts on the relationship between colonialism and the constitution, arguing that this relationship is fraught with tensions and contradictions. His presentation was followed by a lively question and answer session from the audience as well as observations by academic commentators.

#### **OTHER SPECIAL EVENTS**

On August 27, 2012, the Faculty hosted Ms. Paula Llewellyn, Director of Public Prosecutions, who served as guest speaker at the annual Orientation exercise for new law students.

The President of the Caribbean Court of Justice (CCJ), Sir Dennis

Byron, paid a visit to the Faculty of Law on February 26, 2013 to have discussions with students and meet with academic staff. Following Sir Dennis' visit, the Faculty also received a visit from Honourable Justices Adrian Saunders and Jacob Wit, both judges of the CCJ, on March 7, 2013.

Students from the Mona Campus and Western Jamaica Campus attended the hearing of the *Shanique Myrie v the State of Barbados* case held at the Jamaica Conference Centre on March 7, 2013.

Howard University School of Law students visited the Faculty March 11–15, 2013. The students sat in on classes, observed our campus organizations, networked with law students, and learned about post Law School opportunities at the Faculty of Law and in Jamaica.

Mrs. Carlotta Graffigna (Executive Director and Advisor) and Mrs. Martha Chikowore (Consultant), from the World Intellectual Property Organization Academy, visited the Faculty March 20–22, 2013 on a fact finding mission pursuant to the MOU between UWI and WIPO.

## **STUDENT ENRICHMENT**

In October 2012, the Faculty of Law at The University of the West Indies, Mona Campus, registered its first team in an international moot court competition, the Price Media Law Moot Court Competition – which is based on international human rights law. The four member team of Mr. Rushaine Cunningham, Ms. Kacey-Ann Nelson, Mr. Peter Marshall and Ms. Orene Plummer was coached by Mr. Andre Coore, with Dr. Leighton Jackson as academic coordinator.

Teams were judged on two main areas: Written and Oral Advocacy. The Team's written memorials scored well with a combined average of approximately 80%. The Mona team was dominant in their first match, scoring a comprehensive 8 to 1 victory over the University of Miami. The team however failed to advance to the final rounds as they lost to the



eventual third place finishers, Southwestern University, in a hard fought match. The UWI advocates competed valiantly with each achieving at least a score of 90%. Mr. Rushaine Cunningham, one of the team members and also the President of the Mona Law Society, was awarded the Excellence in Advocacy prize for obtaining a perfect score.

The Faculty of Law also had a team entering the annual Caribbean Court of Justice (CCJ) Moot Court Competition in Trinidad and Tobago, March 14 and 15, 2013 at the CCJ Headquarters. The CCJ's Annual International Law Moot Court Competition was inaugurated in March 2009, in an effort to encourage aspiring attorneys to become familiar with the Revised Treaty of Chaguaramas, and other areas of International Law.

The Mona team comprised of Mr. Adrian Cotterell, Mr. Jahmar Clarke and Ms. Natalia Casado, with Ms. Caprice MacFarlane as coach and Dr. Leighton Jackson as Academic Coordinator. The Hugh Wooding Law School of Trinidad and Tobago placed first in the competition and the Mona Law team second. As second place winner to a law school, the Faculty of Law at UWI, Mona was named the top performing academic institution in the region, defeating Law faculties from other Universities in Guyana, Suriname, Barbados, Trinidad and Tobago and Jamaica and law schools.

The Faculty launched a pilot of the Mona Law Professional Internships Programme in June 2013 under the leadership of Mrs. Natalie Corthésy. This new venture was aimed at providing students with an opportunity to experience, first-hand, working in the legal profession. The pilot included a workshop conducted by Ms. Beverley Phillips and Mrs. Rodina Reid, for all eligible applicants and was specifically intended to further advance the professional skills of the prospective interns. Some of the areas emphasized were resume and cover letter writing and business etiquette as is required in the legal profession. The Faculty placed approximately thirty (30) students in internship positions in Law firms, private and public sector offices. The Faculty expects to do a full launch in the next academic year.

**PAPERS PRESENTED**

**Ali, Shazeeda**

- “Dirty Money v. Clean Lawyers” General Legal Council Continuing Legal Professional Development training series July 2013.
- “To Cheat or Not to Cheat?” Jamaican Bar Association Continuing Legal Professional Development Seminar, Ocho Rios, Jamaica, June 15, 2013 (27 pages).
- “The Civil Law: a Potent Crime-fighting Device” Mona Law Series, Faculty of Law, UWI, Mona, JAMAICA, April 11, 2013 (16 pages)
- “Reversing Enrichment” NIA’s 2nd Annual Prosecutors Anti-Corruption” Training Seminar, Runaway Bay, Jamaica, March 16, 2013 (18 pages).
- “Recovering the Spoils of Corruption” National Integrity Action’s (“NIA”) Financial Investigators” Training Seminar, Kingston, Jamaica, October 21, 2012 (19 pages).
- “When Good Guys Meet Bad Money” 30th Cambridge International Symposium on Economic Crime, Cambridge, United Kingdom, September 5, 2012 (12 pages).

**Brown-Blake, Celia**

- “Judicial response to financial regulatory action in the Commonwealth Caribbean”, Mona Law Series, Faculty of Law, UWI, Mona, Jamaica, April 11, 2013.
- “Language Rights and the Jamaican Constitution” at Bible Society of the West Indies/Jamaican Language Unit public forum, Kingston, August 30, 2012.

**Ffolkes-Goldson, Suzanne**

- “The Use and Misuse of the Corporate Oppression Remedy in the Commonwealth Caribbean”, Mona Law Series, Faculty of Law, University of the West Indies, Mona Campus, February 2013.

- “Balancing the Interests of Creditors and Debtors on an Insolvency”, Jamaica Bar Association Conference, Jamaica, November 2012.
- “Insolvency Law: Balancing the Interests of Creditors and Debtors” presentation for the Jamaica Bar Association Conference, November 2012.
- “The Case for a New Insolvency Regime”, ‘Booms Need Busts: Reforming Insolvency Legislation’, Jamaica Bankers Association and Caribbean and Caribbean Policy Research Institute Seminar, Kingston, Jamaica, September 2012.

#### **Matthews, Janeille**

- “Man Down: Distinguishing Murder From Manslaughter.” Public Lecture delivered at the University of the West Indies Mona Campus Research Day 7 February 2013 in Kingston, Jamaica.

#### **McKoy, Derrick**

- “Blowing in the wind: Whistleblower legislation and the anticorruption project in the Commonwealth Caribbean,” MLS-1-13, presented at the Mona Law Series, Faculty of Law, UWI, Mona, 7 February 2013.
- “Whistle Blowing and the Law” presented at 3rd Caribbean Public Procurement (*Law & Practice*) Conference 2012, Port of Spain, Trinidad & Tobago, 18–19 October 2012. 11 Pages; 52 slides. Available <http://ssrn.com/abstract=2176330>.
- “Corruption: Law, Governance & Ethics in the Commonwealth Caribbean” presented at 3rd Caribbean Public Procurement (*Law & Practice*) Conference 2012, Port of Spain, Trinidad & Tobago, 18–19 October 2012. 53 slides.

#### **Robinson, Tracy**

- “Gender-based Violence and the Rule of Law in the Context of the Caribbean: An Overview of the Legal Context and Access to Justice”. Keynote Presentation at the Secretary’s Office of Global Women’s Issues & the Bureau of Western Hemisphere Affairs, United States

Department of State, Caribbean Dialogue on Rule of Law and Gender-based Violence, 11–13 December 2012, 12 December 2012, Miami USA.

- “Access to Justice for Women Victims of Sexual Violence in Mesoamerica”, Event to launch the Access to Justice for Women Victims of Sexual Violence Report, sponsored by the United Nations Population Fund, La Defensoria de los Habitantes, IACHR, 7 September 2012, Costa Rica.
- “The Inter-American Human Rights System and its role in ending Impunity for Crimes against Women”, Panel Discussion “A challenge for Justice in the XXI century: The end of impunity for crimes against women” at The International Congress: Accessibility, Justice and Peace organized by the Supreme Court of Costa Rica, and an activity of United Nations Secretary-General’s Campaign to end violence against Women (UNiTE), September 6, 2012, Costa Rica.

## **EXPERT REPORTS**

### **Robinson, Tracy**

- Robinson “Gender Equality and Judging in the OECS and wider Commonwealth Caribbean” (UN Women).

### **Matthews, Janeille**

- “Caribbean Human Development Report 2012: Human Development and the Shift to Better Citizen Security” (United Nations Development Programme 2012) 227 pages (National Country Author for Antigua and Barbuda).

## PUBLICATIONS

### Ali, Shazeeda

- “Student Instruction Manual for Ethics, Rights & Obligations of the Legal Profession”, *NMLS* (155 pages) 2013.
- “A Conflict of Interest” *West Indian Law Journal*, Vol. 37 No. 2, October 2012, 139–150).

### Brown-Blake, Celia

- “Planning for Language Rights in the Caribbean: The Birth of the Charter on Language Policy and Language Rights in the Creole-speaking Caribbean”. *Sargasso: Language Rights and Language Policy in the Caribbean*, 2012.
- “Judicial oversight of financial regulatory action in the Commonwealth Caribbean”, *Common Law World Review* 41: 354–359 (2012).
- *Social and Economic Studies* 61(2) Special issue on “Law & Justice in the Commonwealth Caribbean” (Co-edited with Morrison, D.) (2012).
- *Sargasso: Language Rights and Language Policy in the Caribbean* (Co-edited with Walicek, D.) (2012).

### Corthésy, Natalie

- “The Horse has Gone through the Gate” article published by *West Indian Law Journal* (Vol. 37(1&2) May and October 2012, 185–199)
- “Life Plus 50 Striking a Balance Between the Term of Copyright Protection and Jamaica's Public Domain”, peer reviewed article published in the *Queen Mary Journal of Intellectual Property* in the October 2012 issue.

### Ffolkes-Goldson, Suzanne

- “Corporate Governance: A One Size Fits All?” in Berry & Robinson (eds.), *Transitions in Caribbean Law: Lawmaking, Constitutionalism*

*and the Confluence of International and Domestic Law* (2013) pp. 33–50.

- “Corporate Governance in Jamaica: A Combination of Legislation and Moral Suasion” *Jamaica Bar Association Journal*, Vol. 26 No. 2, 2013.
- “Balancing the Interests of Creditors and Debtors in the Reform of Corporate Insolvency in Jamaica” *West Indian Law Journal*, Vol. 37 No. 2, October 2012 pp. 171–184.
- “The Transformation of Corporate Social Responsibility into Legal Responsibility” *West Indian Law Journal*, Vol. 37 No.1, May 2012 pp. 83–3.
- “The Jamaican Financial Meltdown and Insolvency Law”: “Booms Needs Busts: Improving the Legal Framework for Insolvency” [www.capricaribbean.org](http://www.capricaribbean.org), 2012. (with Greenaway, E.)

#### **Kodilinye, Gilbert**

- *Commonwealth Caribbean Trusts Law*, 3rd edition, published September 2012, Routledge-Cavendish. (with Carmichael, T.)

#### **Matthews, Janeille**

- *Caribbean Human Development Report 2012*, United Nations Development Programme.

#### **McKoy, Derrick**

- *Corruption, Law, Governance and Ethics in the Commonwealth Caribbean*, 2012 (Hansib Publications, Hertford, UK, 2012). 288 pages.
- “Known Knowns: Corruption in the Commonwealth Caribbean” (2012) 61 (1) *Social and Economic Studies*, pp. 1–22.
- “Whistleblower legislation in the Commonwealth Caribbean: Anticorruption or employee protection?” (2012) 37 (2) *West Indian Law Journal* pp. 151–170.

**Robinson, Tracy**

- *Transitions in Caribbean Law: Lawmaking Constitutionalism and the Confluence of National and International Law* (Ian Randle 2013). (Co-edited with Berry, D.).
- “The Properties of Citizens: A Caribbean Grammar of Conjugal Categories”, (2013) 10(2) *Dubois Review: Social Science Research on Race*.
- “The Presumption of Constitutionality” (2012) 37 *West Indian Law Journal* pp. 1–24.

**PUBLIC SERVICE**

**Ali, Shazeeda**

- Member of the Proceeds of Crime Act (“POCA”) Sub-Committee of the General Legal Council, Jamaica.
- Presenter/Trainer for the General Legal Council Continuing Legal Professional Development (“CLPD”) Course on the “Proceeds of Crime Act and Attorneys’ Obligations” (July 2013).

**Corthésy, Natalie**

- Member, Board of the Jamaica Intellectual Property Office;
- Member, Jamaica Bar Association;
- Member, Board of the Alliance Francaise de la Jamaïque.

**Ffolkes-Goldson, Suzanne**

- Director, Environmental Foundation of Jamaica
- Director, HOPE Worldwide Jamaica
- Member, PSOJ Corporate Governance Committee
- Facilitator, Sagicor/ Pan Caribbean Corporate Governance Training for Directors
- Member, Jamaica Bar Association

**Matthews, Janeille**

- Member, Examination Irregularities Committee

**McKoy, Derrick**

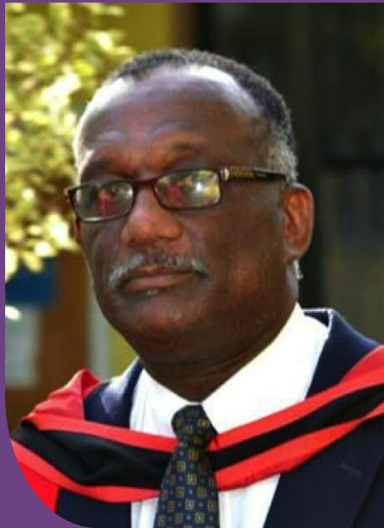
- Trustee, Youth Business Trust in Jamaica
- Trustee, Duke of Edinburgh's Awards Scheme in Jamaica
- Member, Caribbean Procurement Institute
- Member, Electricity Appeals Tribunal



# FACULTY OF MEDICAL SCIENCES

## Mona

Year ending July 31, 2013



PROFESSOR HORACE FLETCHER

MB, BS, (O&G), FRCOG, FACOG

Dean

## – *Dean’s Overview* –

For the review period, academic year 2012/2013, the Faculty of Medical Sciences (FMS) maintained its objectives by continuing to deliver quality education and services, despite the challenges encountered. Furthermore, the Faculty continued its drive to maintain/increase enrollment and expand its clinical sites.

The FMS gained significant successes over the past year in relation to the expansion of teaching to external clinical sites which now includes the May Pen Hospital (for both MBBS and DM programmes). The BSc Nursing and BMedSci programmes underwent successful curriculum reviews, with similar steps to be taken for the MBBS, BSc Physical Therapy, and BSc Diagnostic Imaging (Radiography) programmes.

Following the full accreditation of the MBBS programme at Mona in May 2012, the Faculty is preparing for the accreditation of the UWI School of Nursing by the Nursing Council of Jamaica. The Caribbean Accreditation Authority for Medicine and other Health Professions (CAAM-HP) is also expected to accredit the programme. The Doctor of Dentistry (DDS) programme has made numerous submissions to the CAAM-HP subsequent to a site visit which was facilitated in March 2013. Full accreditation of the programme is partially dependent upon the arrival of several specialized equipment. ISO accreditation for the Diagnostic Laboratories in the Departments of Microbiology and Pathology is still on-going. The initiative received substantial support

during the year from the Centers for Disease Control and Prevention (CDC) through the Strengthening of Laboratory Management Towards Accreditation Program (SLMTA) which provided training for staff.

The Faculty of Medical Sciences Teaching and Research Complex (FMS TRC) was completed in September 2012, and has since been fully occupied by several sections in the Department of Basic Medical Sciences, with the exception of the Anatomy Section. The Office of the Dean was also relocated to the Complex in January 2013. The Faculty continued to upgrade its existing facilities to ensure that it would meet the demands of its programmes and services. Plans are in place to refurbish the old Dean's Office on the grounds of the University Hospital of the West Indies to provide space for the Dental Poly Clinic and the Mona Institute of Medical Sciences (MIMS).

## STUDENT ENROLLMENT AND ACCESS

Table 1 below shows a comparison of undergraduate enrolment for the academic year 2012/2013 with the previous year.

**Table 1:** Student Enrolment in the Faculty of Medical Sciences, 2012/2013

Programme	Majors and Minors	No. of Students 2012/2013	No. of Students 2011/2012
BBMedSci	Anatomy	13	8
	Biochemistry	–	–
	Pharmacology	69	59
	Physiology	7	9
	Year1 Students	68	46
	<b>Subtotal</b>	<b>157</b>	<b>122</b>

*Table 1 continues*

**Table 1:** Student Enrolment in the Faculty of Medical Sciences, 2012/2013 (*cont'd*)

Programme	Majors and Minors	No. of Students 2012/2013	No. of Students 2011/2012
BSc	Nursing (Post RN) Online Delivery	207	223
	Nursing (Generic)	860	839
	Physical Therapy	198	161
	Diagnostic Imaging	84	86
	<b>Subtotal</b>	<b>1,349</b>	<b>1,309</b>
DDS	Doctor of Dental Surgeon	44	37
MBBS	Bachelor of Medicine & Surgery	1,620	1,207
	<b>Total</b>	<b>3,170</b>	<b>2,675</b>

## STUDENT ACHIEVEMENTS

### Undergraduate Programme 2012/2013

#### MBBS:

- Dean's List: 65 students
- Honour Society: 8 students
- Outstanding Grauduands: 2 students

#### Nursing:

- Dean's List: 10 students
- Honour Society: 2 students
- Outstanding Grauduands: 3 students

**Physical Therapy:**

- Dean's List: 10 students
- Honour Society: 3 students
- Outstanding Graduands: 2 students

**BBMedSci**

- Dean's List: 8 students
- Honour Society: 3 students
- Outstanding Graduands: 2 students

**Diagnostic Imaging**

- Dean's List: 10 students
- Honour Society: 4 students
- Outstanding Graduands: 2 students

The Faculty graduated Undergraduate students in the Academic year 2012/2013:

**MBBS223**

BSc Nursing (generic)	100
BSc Nursing (Post RN)	51
BSc Physical Therapy	42
BBMedSci	44
BSc Diagnostic Imaging (Radiography)	28

### MBBS Examination Results

The MBBS Examination for academic year 2012/2013:

	Pass	Honours	Distinction	Fail/FA
Medicine (MDSC553)	150	1	–	9
Surgery (MDSC555)	140	4	–	15
Obstetrics & Gynaecology (MDSC554)	141	10	3	5

### Prizes/Medals

The following students were awarded prizes in the final MBBS examinations for Academic Year 2012/2013:

#### Medals

Obstetrics and Gynaecology Subject Medal	–	Terri-Anne Russell
Pathology/Microbiology Medal	–	Shelly-Ann Houston

#### Prizes/Bursaries

Professor Owen Morgan Prize in Medicine and Therapeutics	–	Monique Thompson
Allenbury Prize in Medicine	–	Monique Thompson
The Dr. John Hall Book Prize	–	Monique Thompson
Aubrey McFarlane Prize	–	Terri-Anne Russell
Medical Association of Jamaican Insurance Fund Prize in Obstetrics and Gynaecology	–	Terri-Anne Russell
Professor Lois Grant Book Prize	–	Lescent Harris

Professor S. Brooks Memorial Prize	–	Shelly-Ann Houston
Astley Karl Banbury Prize in Medicine	–	Monique Thompson
General Surgery Prize	–	Winston Butler III Courtney Litchmore Monique Thompson

**Prizes Awarded to BSc Physical Therapy Students, 2012/2013**

Overall clinical prize	–	Marita Marshall
Medical Science 1 prize	–	Lynval Lewis
Medical Science 2 prize	–	Shellina Skyrme
Medical Science 3 prize	–	Shaniel Walters
Rehabilitation 1 prize	–	Saundria Codling
Rehabilitation 2 prize	–	Andrea Crawford
Rehabilitation 3 prize	–	Andrea Crawford
Anatomy	–	Lynval Lewis

**STAFF PROMOTIONS**

Drs. Michael McFarlane, Russell Pierre, Wendel Abel and Rose-Marie Wright-Pascoe were elevated to the rank of Professor. Professor Horace Fletcher was asked to act as Interim Dean during the period.

Drs. Georgiona Gordon-Strachan, Shaun Wynter and Mark Newnham were promoted to the level of Senior Lecturer.

**RESEARCH**

Research output in the Faculty remained at 1.5 refereed papers per capita for full-time staff. In order to combat this anaemic rate, a Deputy Dean (Research), Professor John Lindo, was appointed to focus on the

development of research including clinical trials. This was in addition to the two full-time statisticians/epidemiologists employed to the Office of the Dean who are dedicated to assisting with study design, proposal writing for grants, statistical analysis and writing publications. The work of the UWI/UHWI/FMS Ethics Committee continued to be supported and encouraged, and has seen exponential growth in the submission of research proposals for review. The FMS/TMRI Research Fellowship programme is still being funded by the FMS and has been of benefit to a number of academic staff. As part of the mandate of the Deputy Dean, a total of three distinguished lectures were organized during the period. An aggressive drive was initiated to have abstracts converted to publishable

Table 2: Publications per Department

Department	Publications 2011/2012	Publications 2012/2013	Conference Presentations 2011/2012	Conference Presentations 2012/2013
UWI School of Nursing	6	11	15	41
Basic Medical Sciences	37	51	15	18
Community Health & Psychiatry	35	40	23	68
Medicine	19	19	34	25
Obstetrics & Gynaecology	24	12	1	6
Child & Adolescent Health	20	23	45	191
Pathology	27	17	20	20
Microbiology	3	14	6	29
Surgery, Radiology, Anaesthesia & Intensive Care	44	28	85	65
TMRU/Sickle Cell Unit	56	41	41	54
<b>Total</b>	<b>271</b>	<b>256</b>	<b>285</b>	<b>345</b>



papers. The Faculty also introduced mandatory research projects in most Masters programme as a way of encouraging students to develop an appetite for research.

### RESEARCH AWARDS

At the Principal's Annual Awards Ceremony held in February 2013, the follow papers were awarded "Best Research Publications".

- Asha Badaloo, Jean W Hsu, Carolyn Taylor-Bryan, Curtis Green, Marvin Reid, Terrence Forrester and Farook Jahoor. "Dietary cysteine is used more efficiently by children with severe acute malnutrition with edema compared with those without", *American Journal of Clinical Nutrition*. 2012 January; 95(1):84–90.
- Maria Jackson, Susan P. Walker, Candace M. Simpson-Smith, Carole M. Lindsay, Garrett Smith, Norma McFarlane Anderson, Franklyn Bennett, Kathleen C.M. Coard, William D. Aiken, Trevor Tulloch, Tomlin J. Paul, Robert L. Wan. "Associations of whole-blood fatty acids and dietary intakes with prostate cancer in Jamaica". *Cancer Causes Control* (2012); 23:23–33.
- Loxly R. Christie, John A. Harriott, Vernon E. Dacosta, Shaun H. Wynter, Denise M. Everett, Rochelle A. Foster. "Intrauterine insemination in Jamaica as a low-cost subfertility treatment in low-resource region". *International Journal of Gynaecology and Obstetrics*. 2011 Mar; 112(3):208–10. Epub 2011 January 17.
- Gabrielle I. Andrade and Paul D. Brown. "A comparative analysis of the attachment of *Leptospira interrogans* and *L. borgpetersenii* to mammalian cells" *FEMS Immunology Medical Microbiology* (2012); 65:105–115.

The most "Outstanding Researchers" were:

- **Professor Terrence Forrester** of the Tropical Medicine Research Institute.

Professor Forrester is former Director of the Tropical Medicine Research Institute. His research accomplishments for the period under review included nine papers in high impact peer-reviewed journals, and attracted J\$13.2M.

- **Professor Maureen Samms-Vaughan** of the Department of Child and Adolescent Health

Professor Samms-Vaughan is Professor of Developmental Paediatrics in the Department of Obstetrics. During the period under review, while she only published four papers, she attracted J\$19.4m in research funds. Her research has been focused on the emerging discipline of Autism and the associated risk factors, which is of international and local importance.

The selection in the category “**The Project attracting the Most Research Funds**”

**Professor Bain and the CHART/RCU Team**, which attracted J\$213,891,761.89 during the period under review.

The CHART Regional Coordinating Unit led by Professor Brendan Bain has been guiding the provision of training in HIV and AIDS prevention, care and treatment across the Caribbean since 2003. Until March 2012, the RCU team was sub-contracted by the International Training and Education Center for Health (I-TECH), University of Washington at Seattle as part of the regional response to the HIV epidemic. Funding was provided by USAID, CDC and the Health Resources and Services Administration (HRSA) as part of the contribution of the US President’s Emergency Plan for AIDS Relief (PEPFAR) to the Caribbean. The Coordinating Unit also received support from the Global Fund to fight AIDS, Tuberculosis and Malaria via regional grants to the Caribbean Community (CARICOM) Secretariat.

The recipients’ areas: Professor Brendan Bain (Director); Dr. Carol-Ann Senah (Deputy Director); Dr. Clive Anderson (Clinical Coordinator); Mrs. Natalie Mattocks-Irving (Programme Manager); Dr. Shelly Trim (Quality Improvement Coordinator); Mrs. Denise Minott (Curriculum

Development Specialist); Dr. Jacqueline Murdoch (Training Development Specialist); Ms. Valrie Cyrus (Finance & Contracts Officer); Mr. Mitchell Williams (Finance & Administrative Assistant); Mrs. Sherie Cox (Programme Assistant); Ms. Aliya Leslie (Administrative Assistant).

The final category was “**The Research Project with the Greatest Business/Economic/Development Impact**”.

This award was also given to **Professor Bain and CHART/RCU Team** based on the work being undertaken in relation to HIV/AIDS. The main thrusts of the project in the CHART/RCU Team are capacity building and service to the health community as indicated above.

## **RESEARCH GRANTS**

Despite the challenges, the Faculty, through its many initiatives, continues to attract research grants from internal and external sources. The Faculty received numerous research grants in excess of J\$36,985,370.65, US\$3,434,587.32, £7,200.00, and CHF\$8,571 across several departments for varying types of research activities, some of which are geared at informing policy decisions and bringing awareness to health-related issues. Details on the number of grants received appear in the individual departmental reports. The level and quality of work produced by the FMS over the period have been hailed as innovative and have contributed significantly to policy development at the national and regional levels.

## **GRADUATE STUDIES**

The following new programmes received approval during the year.

- Postgraduate Diploma in Health Management
- Clinical Fellowship Neonatology

**Registered Graduate Students (2012–2013)**

<b>Programmes</b>	<b>Numbers 2011/2012</b>	<b>Numbers 2012/2013</b>
Specially Admitted	2	–
Dip Family Medicine	22	16
DM	338	318
DPH	24	22
MPH	41	42
Taught Masters	177	297
MPhil	45	58
PhD	42	35
<b>Total</b>	<b>711</b>	<b>788</b>

**Completed Graduates Students (2012–2013)**

<b>Programmes</b>	<b>Numbers 2011/2012</b>	<b>Numbers 2012/2013</b>
Dip Family Medicine	4	6
DM	41	37
DPH	1	–
MPH	6	20
Taught Masters	34	85
MPhil	3	4
PhD	5	7
Clinical Fellowship	4	–
<b>Total</b>	<b>98</b>	<b>159</b>

## **INCOME GENERATION AND BUDGETARY CONSIDERATIONS**

The Faculty continued to implement innovative means geared at generating income to support the processes in the Faculty. Over J\$1,000,000 was generated from extra-departmental activities during the period. The Department of Basic Medical Sciences continues to build its core forensic and bio-analytical research and service facilities. The Caribbean Toxicology (Caritox) and Caribbean Genetics (Carigen) Units operate as commercial units, and have provided forensic toxicology and consultancy services to the legal profession. The Laboratory Information System (LIS) project is still a work in progress, with some 45% of the overall project already completed.

## **CONCLUSION**

In the year under review we continued to work on improving the physical plant and teaching facilities. However, the FMS strengthened its focus on its staff and students in improving research output in quality and quantity, the production of a rounded graduate and the expansion of research in graduate programmes. As such, the FMS remained successful in expanding the offering of quality teaching and research in its programmes and its medical, nursing and allied health professionals for the Caribbean region and beyond. Staff empowerment and engagement were crucial to this success and the Office of the Dean is appreciative of all the work conducted by our full time academics, associate lecturers and administrative staff. This highly trained cadre of persons has offered solutions to the many challenges faced with the teaching at various clinical sites. Working with our partners in the public healthcare section, we are moving to ensure that all our students are exposed to an acceptable level of patient care during their various courses. Our presence in these clinical sites offers an excellent avenue for improvement in patient care as more graduate programmes are added to the course offerings. The FMS also recognized the increasing interest being expressed by our alumni in the medical school and are encouraged at their insistence on quality graduates from their alma mater. While we continue to appreciate their

contributions to the school we also look forward to tapping into their vast global network to support research collaborations and clinical training attachments.

While the FMS continues to face many challenges not least of which is the financing of our activities, the faculty remains strong and resolute in the fulfilling of our mission. We are assured that the investment we have made in our staff, students and facilities will enable us to grow from strength to strength.

## DEPARTMENT OF BASIC MEDICAL SCIENCES



Professor Wayne McLaughlin, BSc *Waterloo*, PhD *UWI*  
Head of Department

### WORK OF THE DEPARTMENT

During the academic year, the department made progress in implementing some of the strategic initiatives in its 2007–2012 strategic plans and began to develop its 2012–2017 strategic plans.

The major achievements included:

- The review of the BB Med Sci programme
- Increased student intake in the Basic Medical Sciences and Physical Therapy programmes.
- The strengthening of academic supervision and overall programme quality in research training at the MPhil and PhD levels, including weekly departmental graduate seminars.
- Increased publication output.

- Increased throughput of MPhil and PhD students.
- Establishment of Caribbean Toxicology Laboratory (CARITOX).
- The recruitment of new academic staff.

In January 2013, the Department relocated to the new Faculty of Medical Sciences Teaching and Research Complex. The complex is a 300,000 ft state-of-the-art facility with research and teaching laboratories, lecture theatres, seminar rooms, tutorial rooms and meeting rooms.

There were three resignations during the year. Dr. Michelle Hamilton, Lecturer in the Biochemistry Section resigned from the University of the West Indies to fully take up a post at the Ministry of Health. Dr. Jacqueline Corness, Senior Lecturer in the Physiology section and Dr. Rustam Aminov, Senior Lecturer in the Biochemistry section also resigned.

#### **STAFF AWARDS AND PROMOTIONS**

Dr. Paul Brown received the Principal's Research Award for Best Research Publication (article), Faculty of Medical Sciences for 2012, UWI, Mona [A Comparative Analysis of the Attachment of *Leptospira interrogans* and *L. borgpetersenii* to Mammalian Cells]. Dr. Sharmella Roopchand-Martin received the UWI/Guardian Life Premium Teaching Award for 2011/2012. This was presented at the ceremony in October 2012. Miss Talitha Farquharson was promoted to the post of Administrative Secretary. Ms. Lady Fay Clarke, Chief Laboratory Attendant in the Anatomy Section received a Special Long Service Award in 2012.

#### **STAFF DEVELOPMENT**

Mrs. Angella Turner-Dawkins attended the Essentials of Occupational Health and Safety course from May 2–17, 2013. This programme covered areas such as:

- Hazard recognition, evaluation and control



- Occupational safety and health legislation
- Conducting workplace inspections
- Accident Investigation
- Introduction to Occupational safety and health management systems

Dr. Marsha-Lyn McKoy received training in experimental techniques in Pharmacology at Michigan State. Mr. Everton Thomas received Occupational Health and Safety training organised by the Human Resource Safety Unit. Dr. Rachael Irving received The University of the West Indies Press Authors Award for the Bestselling General Interest Book (2007–2012), *Jamaican Gold: Jamaican Sprinters*, January 2013. Dr. Rachael Irving was also awarded the World Justice Forum IV Scholarship to the Hague Netherlands.

#### **PAPERS/POSTERS PRESENTED AT SCIENTIFIC MEETINGS**

- Lindo, J. F., Brown, P.D., Vickers, I. E., Brown, M. G., Jackson, S. T. and Fuller, E. L. “Coinfections of dengue, leptospirosis and malaria in Jamaica”. 57th Annual Caribbean Health Research Council (CHRC)/Caribbean Public Health Agency (CARPHA) Scientific Conference, Cayman Islands, April 19–21, 2012.
- Stephenson, S., Brown, P. D. “*qnr* prevalence and associated class I integrons among *qnr*-positive fluoroquinolone-resistant *Escherichia coli* in Jamaica”. 15th International Congress on Infectious Diseases, Bangkok, Thailand. June 13–16, 2012. (Abstract)
- Brown, P. D. “Rat attack: Leptospirosis and other zoonosis”. Medical Association of Jamaica Annual Symposium; Kingston, June 8, 2012.
- Bryan, Sophia, J., R., Alexander-Lindo, Lisa, Dasgupta, Tara and McGrowder, Donovan. “The Effects of Vitamin C, Cysteine and Glutathione Administration with S-Nitrosoglutathione on Glycaemic Control in Sprague-Dawley Rats Diabetes and Oral Health”. 17th Annual International Diabetes Conference, Jamaica Grande Resort, Ocho Rios, St. Ann, Jamaica. March 21–24, 2013.

- Gordon, C. D., Roopchand-Martin, S. and Hunter, R. “Motives for Exercise Participation in Urban Communities in Jamaica”. American Physical Therapy Association Annual Conference June 6–9, 2012.
- Young, L. E. “A Nutritional Supplement Regime Diminished Addictive Behavior and Mean Arterial Pressure Without Affecting Serum Catecholamines”. Poster presented at the 43rd Annual Meeting of the Society for Neuroscience, New Orleans, October 2012.
- Hall, M, Gordon, C., “Knowledge of the benefits of exercise and exercise participation in persons living with diabetes in Kingston and St. Andrew, Jamaica”. FMS Annual Research Conference, November 2012.
- Gordon, C. “Role of the physical therapist in primary health care”. School of Physical Therapy Annual Research Symposium, July 2013.
- Nelson, G. “Gender Differences in Cardiac Rehabilitation”. UWI Department of Medicine Annual Cardiac Week Symposium, February 2013.
- Irving, R. “The third Continuing Education Seminar for Pharmacists”. Wyndham Hotel, Jamaica. Science Based Medicine. October 28, 2012.
- Ragoobirsingh, D. “The Chronic Care Model – The Caribbean Perspective”. Ministry of Health Meeting of Senior Medical Officers and Regional Directors of Health, September 7, 2012, 2–4 King Street, Kingston, Jamaica.
- Ragoobirsingh, D. “Diabetes and Folklore – The Jamaican Experience”, Diabetes UK Headquarters, June 19, 2013, Camden, London, United Kingdom.
- Ragoobirsingh, D. “Diabetes and Caribbean Folklore” – The Trinidad and Tobago High Commission, June 20, 2013, London, United Kingdom.
- Ragoobirsingh, D. “Colourful Radio Interview”, June 19, 2013, Vauxhall, London, United Kingdom. <http://www.colourfulradio.com/presenter/jacquigant/>

- P.D. Brown. “Challenges to accessing international research funding”. NIH Grant Writing Workshop, Advancements in Medicine and Healthcare Conference, UWI, Mona, Jamaica, April 25, 2013.
- P.D. Brown. “Climate, climate change and infectious diseases”. 8th Fulbright Academy Summit on Global Health, Montego Bay, Jamaica. May 24–26, 2013.
- Murugan, Rajeswari, Jornadal, Jackie, Quinonez, Yanira, Jaffe, Mark, Dhadayuthapani, Sivanesan, Levy, Arkene and Rathinavelu, Appu. “Cytotoxic Effects of Pumpkin Seed Extracts on LNCaP Prostate Cancer Cell Line”. Annual Biomedical Research Conference for Minority Students (ABRCMS), November 7–10, San Jose, California.
- Jornadal, Jackie, Murugan, Rajeswari, Quinonez, Yanira, Jaffe, Mark, Dhadayuthapani, Sivanesan, Levy, Arkene and Rathinavelu, Appu. “Investigation of the Cytotoxic Potential of *Urtica dioica* Extract on the LNCaP Prostate Cancer Cell Line”. Annual Biomedical Research Conference for Minority Students (ABRCMS), November 7–10, San Jose, California.

#### **PATENT APPLICATION**

- Pub.no. US2010/0143509 A1 June 10, 2010. Stennett, Dewayne and Asemota, Helen. Therapeutic compositions from Jamaican Bitter yam and methods of making and using same.
- Daley-Beckford, Denise, Alexander-Lindo, Ruby, Lisa, Yee, Trevor and Reese, Paul. Newpotential oral hypoglycaemic agents from the leaves and stems of *Eucalyptus camaldulensis* Denhn. (Myrtaceae), and their identification as well known and consumed fatty acids with the likelihood for their safe use, and their favourable comparison with the known oral hypoglycaemic agent Metformin. (submitted September 30, 2012).

**BOOKS AND MONOGRAPHS**

- Louboutin, J. P. and Gardner, M. T. “Decision-making in adolescents: neuroanatomical basis and consequences for cognitive competence and risk-taking behaviors”. In P. Braschi (Ed.): *Psychology of Judgment*. Nova Science Publishers, Hauppauge, NY, 2013. Softcover and ebook.
- Louboutin, J. P. and Strayer, D. S. “New Therapies for HIV-1-Associated Neurocognitive Disorder (HAND): Animal Models and Gene Delivery of Antioxidant Enzymes” by rSV40 (in press, in ebook series: *Frontiers in CNS Drug Discovery*, Vol. 2; Bentham Science Publisher).
- Louboutin, J. P., Koch, W. J. and Strayer, D. S. “Ethanol stimulates angiogenesis via vascular endothelial growth factor and protects from ischemia and reperfusion injury”. In M. L. Parker (Ed.): *Vascular Endothelial Growth Factor (VEGF): Biology, Regulation and Clinical Significance*. Nova Science Publishers, Hauppauge, NY, 2013. Hardcover and ebook.
- Louboutin, J. P. and Strayer, D. S. “HIV-1-associated neurocognitive disorder: role of oxidative stress and protection by gene delivery of antioxidant enzymes”. In A. Ruiz and D. Fleming (Eds): *Encephalitis, Encephalomyelitis, Encephalopathies: Symptoms, causes and potential complications*. Nova Science Publishers, Hauppauge, NY, 2013. Hardcover and ebook.
- Louboutin, J. P. and Strayer, D. S. “Abnormalities of the blood-brain barrier in animal models of HIV-1 neurocognitive disorder”. In P. A. Montenegro and S. M. Juarez (Eds.): *The Blood-Brain Barrier: New research*. Nova Science Publishers, Hauppauge, NY, 2012. Hardcover and ebook.
- Louboutin, J. P. and Strayer, D. S. “Modulation of microglial reaction in brain injury by novel therapeutic tools based on gene therapy approaches”. In C. Kaur and L. Eng-Ang (Eds.): *Microglia*.

## TECHNICAL REPORTS

- Ragoobirsingh, Dalip. The World Justice Project Report (WJP) Rule of Law Index, November, 2012, Report. <http://worldjusticeproject.org>

## REFEREED JOURNAL

- Stennett, Dewayne, Oladeinde, Frederick, Wheatley, Andrew, Dilworth, Lowell, Bryant, Joseph and Asemota, Helen. (2013). Modulation of the antioxidant status of the hearts and brains of genetically modified hypercholesterolemic mice overproducing HDL cholesterol following acute bitter yam supplementation. *Oxidants and Antioxidants in Medical Science* (in press).
- Stennett, Dewayne, Oladeinde, Frederick, Wheatley, Andrew, Bryant, Joseph, Dilworth, Lowell and Asemota, Helen. (2013). Effects of *Dioscorea polygonoides* (Jamaican Bitter Yam) supplementation in normocholesterolemic and genetically modified hypercholesterolemic mice species. *Journal of Food Biochemistry*. Available online at <http://authorservices.wiley.com/bauthor/onlineLibraryTPS.asp?DOI=10.1111/jfbc.12022&ArticleID=1104068>
- Dilworth, L., Gardner, M., Asemota, H. and Omoruyi, F. (2012). Intestinal morphology assessments of rats fed phytic acid extract from sweet potato (*Ipomea batatas*) and IP6. *Basic and Applied Pathology* 5:84–90 (doi:10.1111/baap.12000)
- Dilworth, Lowell, Brown, Kesi, Wright, Racquel, Oliver, Michelle, Hall, Sannette and Asemota, Helen (2012). Antioxidants, minerals and bioactive compounds in tropical staples. *African Journal Food Science and Technology*. 2012 3(4): 90–98. <http://interesjournals.org/AJFST/Contents/2012%20CONTENT/May.htm>
- Green, C. O., Wheatley, A.O., McGrowder, D.A., Dilworth, L.L. and Asemota, H.N (2012). Modulation of antioxidant enzymes activities and lipid peroxidation products in diet-induced

hypercholesterolemic rats fed Ortanique peel PMFs extract. *Journal of Applied Biomedicine* 10(2): 91–102. ISSN 1214-0287.

- Harvey, A., Adebayo, S., Wheatley, A. and Asemota, H. N. (2012). Effects of Acetylation on the Micromeritics of Yam (*Dioscorea* sp.) Starch Powder for Pharmaceutical Application. *West African Journal of Pharmacy* (2012) 23(2): 27–33.
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- Gossell-Williams, Maxine, Martin, Jacqueline, Neita, Susanne, Gibson, Roger, C., Abel, Wendel, Sewell, Clayton, McGrowder, Donovan (2012). Prevalence of The Metabolic Syndrome in patients presenting to UHWI: a need to adopt proactive screening and specific management policy. Vol. 61, Issue 8: 802–8.
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- Johnson, P. B., Cawich, S. O., Roberts, P., Shah, S., Gardner, M. T., Gordon-Strachan, G. and Pearce, N. W. (2013). Variants of hepatic arterial supply in a Caribbean population: A computed tomography based study. *Clinical Radiology*. 2013; 68: 823–827. doi:pil: S0009-9260(13)00128-1. 10.1016/j.
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- Ogunsalu, C., Arunaye, F. I., Ezeokoli, C., Gardner, M., Rohrer, M., Prasad, H (2012). Mathematical model for osteobstruction in bone regeneration mechanisms: a headway in skeletal tissue engineering *West Indian Medical Journal*. 2012 Nov; 61(8): 814–20.
- Johnson, P.B., Cawich, S. O., Shah, S., Gardner, M. T., Steadman, B., Pearce, N. W. (2013). Vascular Supply to the Liver: Report of a Rare Arterial Variant. *J Rad Case Rep*. 2013 (in press).
- Johnson, P. B., Cawich, S. O., Shah, S, Aiken, W., McGreggor, R., Brown, H. and Gardner M. T. Accessory renal arteries in a Caribbean population: CT based Study (in press).
- Louboutin, J.P., Strayer, D. S. Relationship between the chemokine receptor CCR5 and microglia in neurological disorders. Consequences of targeting CCR5 on neuroinflammation, neuronal death and regeneration in a model of epilepsy. *CNS & Neurological Disorders-Drug Targets* (in press).
- Kang, S., Louboutin, J. P., Datta, P., Landel, C. P., Martinez, D., Zervos, A. S., Strayer, D. S., Fernandes.Alnemri., T. and Alnemri, E. S (2013). Loss of HtrA2/Omi activity in non-neuronal tissues of adult mice causes premature aging. *Cell Death Differentiation* 20: 259–269, 2013.
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- Louboutin, J. P., Strayer, D. S (2012). Blood-Brain Barrier abnormalities caused by HIV-1 gp120: Mechanistic and therapeutic implications. *The Scientific World Journal*, 2012: 482575.
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- Allydice-Francis, K. and Brown, Paul D (2012). Diversity of antimicrobial resistance and virulence determinants in *Pseudomonas aeruginosa* associated with fresh vegetables. *International Journal of Microbiology* doi:10.1155/2012/426241.
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penicillamine in a Rat Model of Pre-Eclampsia. *Journal of Natural Science, Biology and Medicine* 2012.

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#### **ABSTRACTS IN PEER REVIEWED JOURNAL**

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- Levy, Arkene, Gossell-Williams, Maxine, Murugan, Rajeswari, Quinonez, Yanira, Jordanal, Jackie, Rathinavelu, Appu and Dhandayuthapani, Sivanesan (2012). Pumpkin Seed Oil Induces Death of LnCap Prostate Cancer Cells by Inducing DNA Fragmentation, ROS Release and Reducing Mitochondrial Membrane Potential. *West Indian Medical Journal* 2012, 61 (Suppl6): p.32.
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- Ragoobirsingh, D. (2013). “Diabetes Self-Management Education – The Jamaican Experience.” Mona Campus, Jamaica 50 Research Day – Research for Development 2013, University of the West Indies, Kingston, 70–73.

## **INCOME GENERATION/FUNDING**

### **Research Grants**

**Dr. C. R. Nwokocha**

- US\$4,890.00 from the Postgraduate Research Fund for the project “The effect of Potassium adaptation on some Hypertensive models; Vascular reactivity and Cell Signaling”.

**Dr. Paul Brown**

- US\$3,600 from the Research and Publication Fund as a support towards the project “Sero-ecology of Leptospiral exposure among students in the Faculty of Medical Sciences at UWI, Mona, Jamaica”.
- Quorum sensing and pathogenic potential of respiratory *Pseudomonas aeruginosa*. Campus Research and Publication Fund, UWI, Mona; PI (Awarded to Rochell Davis)

**Dr. Dagogo Pepple**

- US\$831.50 from the Postgraduate Research Fund pending ethical approval for the project “The effect of Endothelin-1 on the deformability and Oxygen delivery in Homozygous Sickle Cell disease”.
- J\$130,000.00 from the Postgraduate Research Fund towards the project “The effect of Trinolein on the Viscoelasticity and Oxygen release in steady state Homozygous Sickle Cell disease”.

**Dr. Rachael Irving**

- Jamaica National Building Society – Documentation of the scientific testing of Jamaican athletes and book: *Olympic DNA: Birth of the fastest Humans*. \$(US) 10, 2000.00, 2012.
- Supreme Ventures Foundation, Industrial and Technical Supplies, Sports Development Foundation, Spanish Court Hotel – Anti-doping in Sports Workshop Sponsorship Grant. \$(US) 14,000.00, 2013

**Dr. Lisa Lindo**

- US\$2,700.00 from the Postgraduate Research Fund towards the project “The effect of Inositol, Inositol Hexakisphosphate (Ip6) and its combination of Type 2 Diabetes Mellitus Sprague-Dawley Rats”.

**Sasha-Kay Clarke**

- J\$245,890.00 from the Postgraduate Research Fund towards the project “Isolation and characterization of Insect Vectors of Citrus greening and the role of weeds in the transmission of the disease in Jamaica”.

### **Diana Marshall**

- J\$318,100.00 from the Postgraduate Research Fund towards the project “Isolation and characterization of Bacillus thuringiensis from soil samples collected from select locations in Jamaica”.

### **Crystal McLean**

- US\$3,500.00 from the Postgraduate Research Fund towards the project “Biodegradation of Polycyclic Aromatic Hydrocarbons by Microorganisms isolated from soil and Kingston Harbour”.

### **JeAnn Murray**

- US\$3,000.00 from the Postgraduate Research Fund towards the project “Chemopreventive potential of natural and synthetic compounds”.

### **Workshops**

Animal Cell Culture workshop    \$173,520.00

Summer Drug Research            \$70,000.00

Physical Therapy Clinic            J\$86,285

### **PUBLIC SERVICE**

#### **Professor Wayne McLaughlin**

- Board Member, Coconut Industry Board
- Board member, Seprod Limited

#### **Professor Dalip Ragoobirsingh**

- Diabetes Association of Jamaica (DAJ): Consultant Diabetes Educator
- The University Diabetes Outreach Programme (UDOP): Director of the Research portfolio and intimately involved in the annual Diabetes Conference.

## Department of Basic Medical Sciences

- University Hospital of the West Indies (UHWI): Consultant Diabetes Educator
- Pan American Health Organization (PAHO)/ World Health Organization (WHO): Temporary
- Consultant – Improvement of Quality of Diabetes care in the Caribbean.

### **Dr. Lauriann Young-Martin**

- Lector and Member of the Liturgical Committee of Holy Cross Roman Catholic Church
- Member of the Fund-raising Committee of Holy Cross Church

### **Dr. C. R. Nwokocha**

- Member, Organizing Committee of the FMSARC

### **Professor Omkar Parshad**

- Director, Indian Cultural Society in Jamaica.
- Chairman, Sri Sathya Sai Baba Organization in Jamaica.
- Member, Lions Club of St. Andrew, Jamaica.

### **Dr. Paul Brown**

- Ambassador to Jamaica, American Society for Microbiology (ASM).
- Council member, International Society for Infectious Diseases.
- Review Editor, *Frontiers in Antimicrobials, Resistance and Chemotherapy*.
- Editor, *Microbes and Health*.
- Independent Internal Examiner, Biology examination for course at UWI, St. Augustine.
- Independent Internal Examiner, DM Medical Microbiology thesis of Dr. Nathlee McMorris (UWI, Mona).
- Member, Planning Committee, Fulbright Academy Summit on Global Health 2013.

- Grant Reviewer, International Society of Infectious Diseases; four grant proposals reviewed.

**Dr. Carron Gordon**

- FMS Representative on the Council for Professions Supplementary to Medicine, Ministry of Health, Jamaica

**Dr. Kerith Golden**

- Vice President, Stock Farm Road Citizens Association, Golden Spring, St Andrew.
- Member of the Board (Vice President) for Jamaica Association for Children With Learning Disabilities. 7 Leinster Road, Kingston 5.

**Dr. Rachael Irving**

- Committee Member: National Sports Museum chaired by Honourable Portia Simpson-Miller, Prime Minister of Jamaica

**Ms. Gillian Hudson**

- Consie Walters Cancer Care Center Executive Member; Friends of Sir John Golding Rehabilitation Center

**UNDERGRADUATE STUDENTS REGISTRATION**

**BB Med Sci.**

Year 1 = 68

Year 2 = 41

Year 3 = 52

**Physical Therapy**

Year 1 = 60

Year 2 = 66

Year 3 = 62



**FIRST CLASS HONOURS – BB MED SCI**

**Pharmacology**

Kyomi Allen, Trisha Blair, Chevel Burke, Shanique Coke, Akeim Coulson, Sashana Dixon, Jannel Hall, Jason Spence and Danielle Williams.

Miss Sashana Dixon of the 2013 graduating class was awarded the Vanderbilt Summer Internship Award

**POST GRADUATE STUDENTS REGISTRATION**

**Taught Masters**

MSc Forensic Science – 29

MSc Applied Pharmacology – 8

Msc Physical Therapy -- 3

**Research**

MPhil – 38

PhD –15

**POSTGRADUATE DEGREES AWARDED**

Jacqueline Campbell	PhD Pharmacology
Dennis Bailey	PhD Biotechnology
Alexia Harvey	PhD Biotechnology
Anikki Burnett	MPhil Pharmacology
Anishka Lewis	MPhil Pharmacology

**VISITORS TO THE DEPARTMENT**

- Dr. Michael Rowe, applicant for the post of lecturer in the Physiology Section. Dr. Rowe is from the Indiana State University, Indiana, USA.
- Professor Ralph Edwards, former director of the World Health Organization Drug Monitoring Centre, Uppsala Sweden and Dr Marie Lindquist, current director of the World Health Organization Drug Monitoring Centre, Uppsala Sweden.
- Professor Kathleen Gould & Ms. Amanda Connolly Vanderbilt University. Dr. Linda Csiza from Texas Woman's University was visiting lecturer in the MSc Physical Therapy programme in June 2013. She taught Clinical Reasoning and Health Promotion.

## DEPARTMENT OF CHILD AND ADOLESCENT HEALTH



**Professor Minerva Thame, MBBS, DCH, DM (Paeds), PhD  
Head of Department**

### **WORK OF THE DEPARTMENT**

**T**he main focus of the Department of Child and Adolescent Health is to improve the health and welfare of families through clinical service, research, intellectual leadership, advisory and community services and training of undergraduate students and postgraduate doctors.

Our clinical services are delivered through two medical wards, an outpatient department, a welfare clinic, a paediatric casualty and a newborn special care unit which incorporates a 6-bed neonatal intensive care unit. The main subspecialties offered are adolescent medicine, allergy immunology, cardiology, development and behavioural paediatrics, endocrinology, infectious diseases, neonatology, nephrology, neurology and pulmonology. There is also collaboration with other surgical and medical subspecialties.

The Department has been involved in collaborative research with other faculties of the University of the West Indies and several overseas institutions such as Vanderbilt University Global Health Program, University of Texas and the Children's Nutrition Research Centre (CNRC), Baylor College of Medicine, Texas. Several members of the Department demonstrated intellectual leadership through their involvement with several advisory boards and active participation in community service.

Curriculum development, teaching and learning methods for both undergraduate and postgraduate programmes in the Department of Child and Adolescent Health are continuously being revised. The Department currently offers two undergraduate courses as part of the MBBS programme and a postgraduate programme in Paediatrics (Doctor of Medicine in Paediatrics). Additionally, staff of the Department teach courses in child and adolescent health related areas and provide research and clinical supervision to students enrolled in undergraduate programmes in Nursing and Midwifery and postgraduate programmes in Clinical Psychology, Education, Nutrition, Epidemiology and Public Health.

There were 265 junior students and 148 senior students who completed the Child and Adolescent Health rotations over the last year. Students' assessments of our clerkships have been consistently good with individual lecturer scores ranging from 4.2 to 4.6 with an average of 4.4 and the Clerkship Assessment ranging from 3.8 to 4.1. The final assessment of the Child and Adolescent Health programme is done together with the Department of Medicine in the May/June and the November/December examinations. There were 65 elective students who rotated through the Department with 10 being from outside the Caribbean from Germany, Australia and the United Kingdom.

There were a total of 45 postgraduate students registered in the DM Paediatric programme of which 35 candidates were in Jamaica and 10 candidates were in the Bahamas. Eight candidates sat DM Part 2 final examination and 6 (75.0%) were successful while eleven (11) candidates sat the DM Part 1 examinations and 8 (72.7%) were successful. Fourteen candidates commenced the program 1st July 2012 of which 3 are in the Bahamas.

This year was the twelfth year of the Perinatal Audit and Symposium. This annual conference is held in February of each year and was coordinated by Dr. Kulkarni. This is a joint effort between the Departments of Obstetrics and Gynaecology and Child and Adolescent Health with external review of perinatal statistics by practitioners from outside units.

## **RESEARCH GRANTS**

**Harrison A.** (Principal Investigator)

- Source: **Caribbean Public Health Agency (CARPHA)**

Title: "Prevalence of Disordered Eating Behaviours and Attitudes in Adolescents in Jamaica"

Grant Period: April, 2013 to April, 2014

Total Amount: U\$6,030

**Samms-Vaughan M.** (Principal Investigator)

- Source: **Hear the World Foundation**

Title: The Development of a Master's Programme in Audiology at the University of the West Indies

Grant Period: 3/1/2011 – 31/06/2014

Total cost: CHF \$30,000.00

- Source: **UNICEF**

Title: Early Intervention Screening Project and Referral in Jamaica: Development and Validation of Screening Tools for the EC Sector in Jamaica

Grant Period: June 2012–November 2013

Total cost: US\$301,919.00

- Source: **CHASE Funds**

Title: Identification of developmental delay and disability in Jamaican children at 18 months, using the Jamaican Birth Cohort Study

Grant Period: May 2013–January 2014

Total cost: JA\$4,926,000.00

- Source: **UNICEF**

Title: Quality Education: Child Development Therapy Course

Grant Period: 1/08/12–30/06/14

Total cost: JA\$5,000,000.00

## **PAPERS/POSTERS PRESENTED AT SCIENTIFIC MEETINGS**

### **Garbutt A**

- “Does Autism Exist in Jamaica” Caribbean Conference of Family Physicians. March 17, 2013.
- “Developmental outcomes of Prematurity and Neurodevelopmental Outcomes” – (Workshop), Paediatric Association of Jamaica 19th Biennial Conference: March 27, 2012.
- “ADHD: Diagnosis and Treatment”. Paediatric Association of Jamaica 19th Biennial Conference: March 28, 2012.
- “Autism Awareness – Light it up Blue” (UWI), Jamaica Autism Support Association April 2, 2013.
- “Autism Spectrum Disorders”. Jamaica Autism Support Association, April 26, 2013.

### **Harrison A**

- “A Transcultural Approach to Adolescent Health”. Harrison-Kong, A., Albuhairan F, Areemit R., Kaufman M. Workshop at the 10th World Congress of the International Association for Adolescent Health, Istanbul, Turkey, June 2013.

## Department of Child and Adolescent Health

- “Impact of Body Image and Self Esteem on Jamaican Adolescent Behaviour”. Harrison A, James C, Jackson M, Samms-Vaughan M. Poster at the 10th World Congress of the International Association for Adolescent Health, Istanbul, Turkey, June 2013.
- “Healthcare Delivery to the 2013 youth – a local perspective”. Annual Psychology conference UWI Mona. The 2013 Caribbean Youth – Unique strengths and challenges. February 2013.
- “The Adolescent Brain: Unfinished Business”. UNICEF Regional Management Team Meeting, Latin America and the Caribbean. Kingston, Jamaica. February 2013.
- “Healthy living for the adolescent”. Summer Camp for inner city youth – Manley Meadows, Kingston; hosted by the Ministry of Health.

### Miller M

- Miller M, King L Shah D, Reid M. “Glomerular changes in children with sickle cell disease – clinicopathological correlates. 5th Annual International Conference on Nephrology and Hypertension. Montego Bay, Jamaica. January 25, 2013.
- Miller M, King L Shah D, Reid M. “Is glomerulonephritis in Jamaican children with sickle cell disease sickle nephropathy?” 5th Annual International Conference on Nephrology and Hypertension. Montego Bay, Jamaica. January 25, 2013.

### Melbourne-Chambers R

- “Acute Disseminated Encephalomyelitis”. 19th Biennial Conference, Paediatric Association of Jamaica, Kingston, Jamaica, April 20, 2013.
- “Cognitive function and academic achievement in children with idiopathic epilepsy from a developing country”, Epilepsy in the Developing World, 30th International Epilepsy Congress, Montreal, Canada, 23–27 June, 2013.

**Pierre RB**

- “Acute life threatening events, SIDS and Kids”. Jamaica Emergency Medicine Association 13th Annual Conference: Emergency Medicine from the field to the ED Floor: A look at the not so uncommon emergencies; April 7, 2013, Kingston, Jamaica.
- “Management of the HIV and Syphilis Exposed and Infected Infant and Child”. Workshop: Regional Roadmap for Elimination of Mother to Child Transmission (eMTCT) of HIV and Syphilis, Pediatric HIV Update and Training in Dry Blood Spot Testing (DBS) for Infant HIV Diagnosis, by the National HIV/STI Program, Ministry of Health and Jamaica Pediatric, Perinatal and Adolescent HIV/AIDS Program, University of the West Indies; March 19, 2013 Southern West Indies, (SRHA) Mandeville Hotel; March 21, 2013 South East Region, (SERHA), Terra Nova Hotel, March 28, 2013 North East Region (NRHA), Jewels Runaway Bay, Jamaica.

**Pottinger AM**

- “Psychological implications of migration”. 19th Biennial International Paediatric Conference, Paediatric Association of Jamaica, Jamaica Conference Center, April 19–21, 2013.
- “Counselling the infertile couple”. The American College of Obstetricians and Gynecologists (ACOG) Junior fellows, West Indies Section, Annual Clinical Symposium, The Knutsford Court Hotel, Kingston, September 1 2012.
- Support in times of chronic illness: Helping children cope, webinar in series on childhood loss and grieving; Survivors Unlimited, July 31 2013.
- Community based psychosocial support, Workshop for Training of Trainers (4 days); Jamaica Red Cross, Grand Lido Hotel, Negril, July 8–11, 2013.

**Thame M**

- Malnutrition: The Jamaican Experience, IAEA/IMTF Technical meeting, Accra Ghana. December 2012.



## PUBLICATIONS

### Peer Review Journals

- Eulalia K Kahwa, Norman K Waldron, Novie O Younger, Nancy C Edwards, J M Knight Madden, **Bailey Kay A**, Yvonne B Wint, Karen N Lewis-Bell. “Asthma and allergies in Jamaican children aged 2–17 years: A cross-sectional prevalence survey”. *BMJ Open* 2012;2:e00132. doi:10.1136/bmjopen-2012-001132.
- **Christie CDC, Pierre RB**. “Eliminating vertically-transmitted HIV/AIDS while improving access to treatment and care for women, children and adolescents in Jamaica”. *West Indian Medical Journal* 2012;61 (4): 395–403.
- **Christie CDC, Duncan ND**. “Rotavirus Vaccine Trial in Jamaica”. *West Indian Medical Journal* 2012; 61(4): 404–406.
- **Melbourne Chambers R, Forrester S, Gray R, Tapper J, Trotman H**. “Myasthenia gravis in Jamaican children: a 12-year institutional review”. *Paediatrics International Child Health*. 2012; 32:47–50.
- **Millard-Bullock D**. “The Rheumatic Fever and the Rheumatic Heart Disease Control Programme – Jamaica”. *West Indian Medical Journal* 2012; 61(4):360–363.
- L King, M Moosang, **M Miller**, M Reid. “Prevalence and predictors of microalbuminuria in Jamaican children with sickle cell disease”. *Arch Dis Child*.96,12(2011):1135–9. Epub 2011 September 30 2011.
- **Miller M**. “Paediatric Nephrology at the University Hospital of the West Indies: A Walk through Time”. *West Indian Medical Journal* 2012; 61(4):413–415.
- Walker SY, **Pierre RB, Christie CD, Chang SM**. “Neurocognitive function in HIV-positive children in a developing country”. *Int J Infect Dis*. 2013. pii: S1201-9712(13)00105-7. doi: 10.1016/j.ijid.2013.02.014. [Epub ahead of print]
- Succi RC, Krauss MR, Harris DR, Machado DM, de Moraes-Pinto MI, Mussi-Pinhata MM, Ruz NP, **Pierre RB, Kolevic L, Joao E**,

Foradori I, Hazra R, Siberry GK; for the NISDI Pediatric Study Group 2012. “Undervaccination of Perinatally HIV-infected and HIV-exposed Uninfected Children in Latin America and the Caribbean”. *The Pediatric Infectious Disease Journal* 2013;32(8):845–850. 2013 doi: 10.1097/INF.0b013e31828bbe68. [Epub ahead of print]

- **Pottinger AM** and Palmer T. “Whither IVF-assisted birth or spontaneous conception? Parental anxiety, styles and child development in Jamaican families, *Journal of Reproductive and Infant Psychology*” (2013), 31 (2), 148–159.
- **Pottinger AM**, Everett-Keane, D, & McKenzie C. “Evolution of In Vitro Fertilization at The University of the West Indies, Mona” *West Indian Medical Journal* (2012), 61 (4), 460–462.
- Pottinger AM. “Children’s exposure to violence in Jamaica – over a decade of research and interventions” *West Indian Medical Journal* (2012), 61 (4), 369–371.
- Ferguson GM, Bornstein MH, **Pottinger AM**. “Tridimensional acculturation and adaptation among Jamaican mother-adolescent dyads in the United States” *Child Development*, (2012), 83 (5), 1486–1493.
- Rahbar, M. H., **Samms-Vaughan, M.**, Ardjomand-Hessabi, M., Loveland, K. A., Dikerson, A. S., Chen, Z., Bressler, J., **Shakespeare-Pellington, S.**, Grove, M. L., Bloom, K., Wirth, J., Pearson, D. A., Boerwinkle, E. A. “The role of drinking water, vegetables, and seafood consumption in relation to blood arsenic concentrations of Jamaican children with and without Autism Spectrum Disorders”. *Science of the Total Environment*. 2012; 433C:362–370.
- Rahbar, M. H., **Samms-Vaughan, M.**, Loveland, K. A., Ardjomand-Hessabi, M., Chen, Z., Bressler, J., **Shakespeare-Pellington, S.**, Grove, M. L., Bloom, K., Pearson, D. A., Lalor, G. C., Boerwinkle, E. A. “Seafood Consumption and Blood Mercury Concentrations in Jamaican Children With and Without Autism Spectrum Disorders. *Neurotoxicity Research*”, 2013; (23(1):22–38.

- Mohammad H. Rahbar, **Maureen Samms-Vaughan**, Katherine A. Loveland, Deborah A. Pearson, Jan Bressler, Zhongxue Chen, Manouchehr Ardjomand-Hessabi, Sydonnie Shakespeare-Pellington, Megan L. Grove and Compton Beecher, et al. Maternal and paternal age are jointly associated with autism in Jamaica. *Journal of Autism and Developmental Disorders* 2012 (Sep.), 42(9):1928–1938.
- **Thame M.** “The Jamaican Fetus – Overview of Various Studies.” *West Indian Medical Journal* 2012 July;61(4):323–30.
- Michael S. Boyne, Debbie S. Thompson, Clive Osmond, Raphael A. Fraser, **Minerva M. Thame**, Carolyn Taylor-Bryan, et al. “The effect of antenatal factors and postnatal growth on serum adiponectin levels in children.” *Journal of Developmental Origins of Health and Disease* – Manuscript ID 01-13-OA-0296
- **Minerva M. Thame**, Clive Osmond, Graham R. Serjeant. “Fetal growth in women with homozygous sickle cell disease: an observational study.” *European Journal of Obstetrics & Gynecology and Reproductive Biology*. 2013 August;170(1):62–6. doi: 10.1016/j.ejogrb.2013.04.013. Epub 2013 June 6.
- **Thame M**, Osmond C, Trotman H. “Fetal growth and birth size is associated with maternal anthropometry and body composition.” *Maternal and Child Nutrition* 2012 December 13. doi: 10.1111/mcn.12027. [Epub ahead of print]
- Gooden M, Younger N, **Trotman H.** “What is the Best Predictor of Mortality in a Very Low Birth Weight Infant Population with a High Mortality Rate in a Medical Setting with Limited Resources?” *American Journal of Perinatology*. 2013. [Epub ahead of print].

## ABSTRACTS

- JM Cook, R Hardie, **K Bailey**, M Tapper, J Anderson, I Vickers, JF Lindo. Seroprevalence of human toxocarasis in Jamaica. *West Indian Medical Journal* 2012; 61 (Suppl 6): 38 Abstract O–19.

- **Pierre RB**, Lewis K., **Moore J.**, **Christie CDC**. Long-term outcomes of antiretroviral therapy (ART) in Jamaican children: an epidemiological cohort study. Abstract, Poster and Electronic Publication MOPE210, X1X International AIDS Conference, Washington D.C, July 2012.
- **Fulford TA**, **Pierre RB**, Lewis K., **Palmer P**, **Walters C.**, **Christie CDC**. Infectious disease morbidity and growth patterns of HIV-exposed uninfected infants in Jamaica: an epidemiological cohort study. Abstract, Poster and Electronic Publication, **MOPE115**, X1X International AIDS Conference, Washington D.C, July 2012.
- **A. Harrison**, C. James, M. Jackson, M. Samms-Vaughan. “Impact of Body Image and Self Esteem on Jamaican Adolescent Behaviour”. *Turk Arch Ped* 2013 Suppl 2; 39–139.
- **A. Harrison-Kong**, F. Albuhairan, R. Areemit, M. Kaufman. A Transcultural Approach to Adolescent Health. *Turk Arch Ped* 2013 Suppl 2; 1–15
- **Melbourne-Chambers R**, Chang-Lopez S, Morrison-Levy N, Tapper J, Tulloch-Reid M. Cognitive function and academic achievement in children with idiopathic Epilepsy from a developing country. *Epilepsia*, 54(Suppl. 3):4–21, 2013.
- J Seesahai, L Gabay, **H Trotman**, N Younger, **M Thame**. Regaining of birth weight and subsequent growth velocity in neonates. *West Indian Medical Journal* 2013; 62(Suppl.2):25
- Jean W. Hsu, **Minerva M. Thame**, Horace M. Fletcher, Tameka M. Baker, Grace J. Tang, Alan A. Jackson, Farook Jahoor. Comparing glycine and serine kinetics in adolescent girls and adult women during early and late pregnancy. *Experimental Biology*, 2013.
- Jeffrey Mark Karnes<sup>1</sup>, Jean W. Hsu<sup>1</sup>, Grace J. Tang<sup>1</sup>, Tameka M. Baker, **Minerva M. Thame**, Prathiba Dwarkanath, Anura V. Kurpad, Farook Jahoor. Arginine production & nitric oxide synthesis in pregnancy, a study in Jamaican, American and Indian women. *Experimental Biology*, 2013.

**PUBLIC SERVICE**

**Antoine M**

- Medical Advisor of the Down’s Syndrome Foundation of Jamaica

**Christie CD.**

- Member, WHO/ PAHO/ UN Agencies/ Partners, Latin American and Caribbean Elimination Initiative for Vertically-Transmitted HIV/AIDS and Syphilis, Technical Working Group.
- Member of Technical Working Group. WHO/ PAHO/ UN Agencies/ Partners, Latin American and Caribbean Initiative for Prevention of TB/HIV.
- Member, PAHO/ UNICEF/ UN Agencies, Caribbean Elimination Initiative for Vertically-Transmitted HIV/AIDS and Syphilis, Technical Working Group.
- Member, Governing Council of the International AIDS Society, representing Latin America and the Caribbean.
- Co-Chair, Pharmaceutical Industry Liaison Forum, International AIDS Society.
- Member, Scientific and Technical Advisory Committee (STAC), Governing Council, International AIDS Society.
- Member, Finance Subcommittee, Governing Council, International AIDS Society.
- Member, Collaborative Initiative for Paediatric Education and Research (CIPHER), Governing Council, International AIDS Society.
- Member, Research Grant Working Group, Collaborative Initiative for Paediatric Education and Research (CIPHER), Governing Council, International AIDS Society.
- Fellow, Infectious Diseases Society of America.
- Member, Pediatric Infectious Diseases Society of America.
- Founding Member, HIV Medicine Association of America.

- Member, International Association of Physicians in HIV/AIDS Care.
- Member, International Society for Infectious Diseases.
- Vice Chancellor’s Representative, UWI, to the Executive, Center for HIV/AIDS Research and Training (CHART)

**Miller M.**

- Founder, Chairman and Director – Jamaica Kidney Kids Foundation.

**Melbourne-Chambers R.**

- Organiser, Paediatric medical services for the St. Luke’s Church Annual Health Fair.
- Chairman, Serious Case Review Panel, Child Development Agency.
- Member, Committee to Review Applications for Residential Child Care Facilities Child Development Agency, MOH.

**Pierre R.**

- Chairman / Chief Examiner of the Caribbean Association of Medical Councils (CAMC) Examination Committee
- Member, National HIV Quantification Technical Sub Committee., Ministry of Health, Jamaica.

**Pottinger AM.**

- Disaster Mental Health Responder, Jamaica Red Cross
- Board Member, McCam Child Care and Development Centre

**Samms Vaughan M.**

- Chair, Early Childhood Commission of Jamaica
- Member, National Council on Education, Jamaica
- Chairman, Policy Research Committee, National Council on Education, Jamaica
- Member, National Advisory Council on Disability
- Director, Usain Bolt Foundation

**Trotman H.**

- Chairman Education committee, Paediatric Association of Jamaica.
- Assistant Editor of the *West Indian Medical Journal*
- Paediatrician, Church of St. Margaret's Mother's Union Annual Health Fair.

**Thame M.**

- Member, UHWI representative Medical Review Panel, MOH
- Scientific Secretary, Caribbean Health Research Council
- Alternate member for UWI on the Boards of the Environmental Foundation of Jamaica (EFJ)
- Director, Down's Syndrome Foundation of Jamaica

**HONOURS AND AWARDS**

**Antoine M.**

- Paediatric Association of Jamaica Award for outstanding contribution in the field of Paediatrics

**Christie CD.**

- 2013 – Caribbean Public Health Agency (CARPHA) honouree for outstanding work in the field of research

**Reece M.**

- 2013 – Kiwanis's Club of New Kingston for work in Paediatric Oncology

**Samms-Vaughan M**

- 2012 – Principal's Research Award, for Most Outstanding Researcher

## DEPARTMENT OF COMMUNITY HEALTH & PSYCHIATRY



Professor Affette McCaw-Binns, BA, MPH, PhD  
Head of Department

### **WORK OF THE DEPARTMENT**

The Department of Community Health and Psychiatry provided undergraduate and post graduate instruction in public health, family medicine and psychiatry; collaborates with the Faculty of Science and Technology to deliver courses in occupational and environmental health and with the Faculty of Social Sciences in psychology instruction. Clinical services include ambulatory primary health care delivered at the Hermitage August Town Community Health Centre, and adult in-patient and out-patient psychiatric services, specialized services for children and adolescents, forensic services, and day treatment facilities to rehabilitate persons with drug dependency. Faculty published 40 peer-reviewed papers, 4 book chapters, 14 abstracts, participated in 56 presentations at scientific meetings and provided technical advice,



voluntary service and held leadership positions in professional organizations, local, regional and international organizations.

The department convened a strategic development meeting in April 2013 to seek faculty and staff consensus on the department's direction and to ensure that current and future activities would be consistent with the strategic objectives outlined by the University of the West Indies. Faculty and staff agreed on a **vision** for the department that it should *produce academic pioneers and leaders in public and mental health in the Caribbean* as part of its **mission** *to improve social, mental and physical health by enabling solutions to Caribbean and global health challenges, through effective management and leadership, excellence in teaching, innovative research and public service.*

#### **UNDERGRADUATE PROGRAMME**

Department faculty delivered five pre-clinical undergraduate courses to medical and dental students while clinical training was restricted to medical students. Community health rotations occurred in years 3, 4 and 5 and psychiatry rotations in years 3 and 4. With the growth in class sizes, various strategies have been devised to accommodate the increasing numbers for the primary care urban and rural rotations and also on the psychiatry ward. Efforts are underway to install video equipment to enable lectures to be transmitted between the two available psychiatry classrooms to address the problem of crowding on the ward. Another rural site (Westmoreland) has been added for exposure of fourth year students to public health for a total of eight parishes for the two week rural primary care experience.

Final year medical students are assigned to eleven primary care facilities for three weeks of clinical exposure to ambulatory patients. Space constraints make it difficult for each facility to accommodate more than two students per rotation. Primary care staff advised that they are receiving increased requests for field experience for not only medical students, but also under-graduate and graduate nursing, midwifery and pharmacy students among others, which reduces the efficiency with which they can deliver their routine services.

The larger class size is also impacting the quality of field visits and some sites/institutions, e.g. Family Court, and the Hope Oncology Unit, have been experiencing difficulties seating the larger groups. Transportation is also challenging as the department's vehicles only seat 14 and 15 students each. With rotations now averaging 25–30 students, this has required multiple trips, use of the Dean's office bus, and private rentals.

### **MASTER OF PUBLIC HEALTH**

Enrollment in the Master of Public Health course continues to face competition as similar courses are offered at other UWI campuses (Cave Hill, St Augustine) as well as Northern Caribbean University and the University of Technology. Intake in 2012–13 declined 43% to 17 new students, 14 full-time, three part-time. Efforts are advanced to introduce a specialty track in Health Systems Management, in collaboration with the Mona School of Business. This will complement the general programme and provide an additional option to the Health Education/Health Promotion track.

### **MPhil /PHD (PUBLIC HEALTH) AND DOCTORATE IN PUBLIC HEALTH (DRPH)**

Eight students were enrolled in the MPhil/PhD in 2012–13. The DrPH had 22 registered students in years 2–4 as there was no intake in 2012–13. There were no graduates from either programme.

### **Family Medicine**

The Family Medicine Programme is offered from four UWI campuses; namely, Mona, Cave Hill, St. Augustine and the Bahamas School of Clinical Medicine which was administratively linked to Mona in 2010 while Cave Hill supervises students from the Eastern Caribbean. Mona/Bahamas offer the Diploma in Family Medicine after two years, with the option to continue to complete the four-year Doctor of Medicine

(DM) in Family Medicine. Of 11 Diploma candidates sitting the end of year examination from Mona and the Bahamas, seven graduated with the Diploma in Family Medicine, two with distinction. Five persons were enrolled in the DM; there were no graduates.

### **Psychiatry**

Ten candidates were enrolled across the four years of DM psychiatry programme and one graduated.

### **Other programmes**

The joint University of Alabama at Birmingham (UAB) – University of the West Indies summer course Infectious Disease Control and Surveillance (40 hours) resumed after a three year suspension. It is intended to allow MPH students and practitioners from both centres to learn together and share experiences while exposing UAB students to health conditions in a Caribbean setting. The course ran from July 21–31, 2013 with 11 students (7 from UAB, 3 from UWI MPH class and 1 PHI from St. Catherine). Highlights included a workshop for persons living with HIV/AIDS at the Spanish Town Hospital and a community survey of Gregory Park by the Water/Sanitation group.

### **CLINICAL SERVICES**

Clinical services are offered by the Hermitage August Town Health Centre, a Type 3 Primary Care Centre in Zone 6 of the Kingston and St Andrew Health Department (KSAHD), serving twelve communities. The KSAHD staffs the preventive services, while the Section of Community Health is responsible for the curative services. Between August 2012 and July 2013 over 8,800 visits were made for curative and 6,400 for preventive services. Curative services include screening, health promotion, general medical care, hypertension-diabetes care, dressings and other acute care. Preventive services include family planning, cervical cancer screening, antenatal, postnatal and well-baby care, including immunizations.

The section of Psychiatry provided adult in-patient and out-patient psychiatric services, specialized services for children and adolescents, forensic services, and day treatment care for persons with drug dependency.

#### **PAPERS PRESENTED**

- **Abel W.** Community Mental Health – 36th Annual Conference of The Nurses’ Association of The Commonwealth of The Bahamas, November, 2012.
- **Abel W.** Psychological First Aid Workshop (PAHO/Ministry of Health) – March 2013.
- **Abel W.** Advances in Treating Depression – Medical Association, Bahamas. June 2013.
- **Bailey A.** Sexual Health in Adolescents. Ministry of Health/ PAHO/UWI Adolescent Health Workshop, November 16, 2012.
- **Campbell NE.** Current and future exposures to Engineered Nanomaterials and products: Is there cause for concern by Public Health Inspectors? Jamaica Association of Public Health Inspectors (JAPHI) Annual Conference, Montego Bay, St. James: October 23–25, 2012.
- **Campbell NE.** The Draft OSH Act: Imperatives for Enactment and Successful Implementation. Jamaica Occupational Health Professionals Association’s (JOHPA) Quarterly Seminar, November 22, 2012.
- **Cunningham-Myrie C, Mabile E, Govia I, Younger N, Tulloch-Reid M, McFarlane S, Francis D, Gordon-Strachan G, Wilks R, Theall K.** Allostatic load in Jamaicans: Sex differences and variability across neighbourhoods. *West Indian Medical Journal* 2013; 62 (Suppl. 2): O55 [*Oral Presentation*]. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013
- **Cunningham-Myrie C.** Managing Diabetes in Jamaica: Is a different approach needed for men versus women? Fulbright Academy Annual Conference, Montego Bay, Jamaica, May 25–27, 2013.

- Jarrett S, White Z, **De La Haye W**, Duncan J, Harvey K. Traumatic life events (TLE), symptoms of post-traumatic stress disorder (PTSD), and their impact on ART adherence in HIV treatment sites in Jamaica. XIX International AIDS Conference (AIDS 2012), Washington DC, USA. *Journal of the International AIDS Society* 2012 Oct 15, Suppl 3. Abstracts of the XIX International AIDS Conference.
- Jarrett S, White Z, **De La Haye W**, Duncan J, Harvey K. Quantitative Assessment of Mental Health Care Needs Among HIV & STI Patients Attending Public Clinics in Jamaica. XIX International AIDS Conference (AIDS 2012), Washington D.C., U.S.A. *Journal of the International AIDS Society* 2012 Oct; 15, Suppl 3. Abstracts of the XIX International AIDS Conference.
- Gough H, **De La Haye W**, NohS, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Family Relations, Peer Influence and Spirituality in Impacting the Use of Illicit Drugs Such as Cannabis Among Students in One University in Kingston, Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence.” Abstracts 2012 Sept; p 33.
- Mitchell R, **De La Haye W**, NohS, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Demographics and Social Factors in the use of Licit Drugs among University Students from One University in Kingston, Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence” Abstracts 2012 Sept; p 32.
- Mitchell R, **De La Haye W**, Noh S, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Family Relations, Spirituality and Entertainment in Moderating the Relationship between Peer Influence and Drug Use among Students from One University in Kingston, Jamaica. OAS/CICAD Scientific

Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence.” Abstracts 2012 Sept; p 34.

- **Eldemire H.** Motivational Interviewing for Substance Abuse. CICAD-OAS Training and certification programme on drug and violence prevention, treatment and rehabilitation, February, 2013.
- **Eldemire-Shearer D.** The Ageing of Jamaica and its Implications for the next 50 years. SALISES 50/50 Conference, August 2012.
- **Eldemire-Shearer D.** Stanley Brooks Memorial lecture on Alzheimer's Disease. Jamaica Association of Clinical Pathologists (JACP) Annual Conference, Knutsford Court Hotel, November 4, 2012.
- **Eldemire-Shearer D.** Overview of Ageing. Age Friendly Guidelines for Care in Primary Health Care four days' Workshop, Bahamas, November 27–December 1, 2012.
- **Eldemire-Shearer D.** Clinical Aspects & Assessments. Age Friendly Guidelines for Care in Primary Health Care four days' Workshop, Bahamas, November 27–December 1, 2012.
- **Eldemire-Shearer D.** Age-Friendly Primary Health Care clinical Toolkit. Age Friendly Guidelines for Care in Primary Health Care four days' Workshop, Bahamas, November 27–December 1, 2012.
- **Eldemire-Shearer D.** Vascular Dementia. Heart Foundation of Jamaica's Medical Symposium, Knutsford Court Hotel, February 19, 2013.
- **Eldemire-Shearer D.** Preliminary Findings presented at the National Survey Caribbean Community of Retired Persons (CCRP) 3rd Annual Conference, Chinese Benevolent Association, April 20, 2013.
- **Eldemire-Shearer D.** The Aging Jamaican population: Health of Older Persons. Advancements in Medicine and Healthcare Conference, Teaching and Research Complex, Faculty of Medical Sciences, UWI, April 26, 2013.
- **Eldemire-Shearer D.** Ageing in the Caribbean (An Overview). The Canada-Caribbean Exploratory Meeting to Establish Partnerships

on Alzheimer's disease and related dementias, Hilton, Barbados, April 30–May 01, 2013.

- **Eldemire-Shearer D.** Alzheimer's disease and dementias. The Canada-Caribbean Exploratory Meeting to Establish Partnerships on Alzheimer's disease and related dementias, Hilton, Barbados, April 30–May 01, 2013.
- **Eldemire-Shearer D.** Epidemiology and public health burden of Alzheimer's Disease. Caribbean College of Family Physicians Workshop, Alhambra Inn Hotel, May 19, 2013.
- **Eldemire-Shearer D.** Disasters and Older persons presented at the International Federation on Ageing Workshop on Older Persons at Cameroon on May 27–28, 2013.
- **Eldemire-Shearer D.** Psychological & Health Aspect of Retirement (Quality of Life) presented at the WIGUT Retirement Brunch on Alhambra Inn & Restaurant.
- **Figueroa JP.** The role of local health research in guiding the HIV response in Jamaica. Panel on Jamaica's Post Independence Health Development at the UWI 50/50 conference. Kingston, Jamaica, 22 August 2012.
- **Figueroa JP.** Weir SS. Results of MSM and sex worker surveys in Jamaica 2011–2012. USAID, Washington DC, USA, 19 September 2012.
- **Figueroa JP.** The Caribbean experience in vaccine decision-making. Vaccine decision-making conference. Merieux Foundation, Montreaux, France, 28 November 2012.
- **Figueroa JP.** An overview of the HIV epidemic and response in the Caribbean. Keynote address, HIV research symposium, Barbados, 3 December 2012.
- Weir SS, **Figueroa JP.** The PLACE method. Measure/Evaluation Global Webinar, University of North Carolina, 27 February 2013.
- Jackson S, Nagassar, RP, James K, **Gibson R**, Rhoden T. Evaluation of rapid HIV antibody assays in the diagnosis of neurological HIV.

- International Conference on Central Nervous System Drug Effects and Novel Drug Developments, Philadelphia, September 5–7, 2012.
- Lowe GA, Lipps G, **Gibson RC**, Halliday S, Morris A, Clarke N, Wilson RN. Neighbourhood factors and depression among adolescents in four Caribbean countries. 10th Annual Psychology Conference, University of the West Indies – Mona, February 21, 2013.
  - Iballaboh H, De La Haye W, **Gibson R**, Abel WD. Co-occurring substance misuse in clients presenting to a psychiatric unit in a general hospital in Jamaica. 21st European Congress of Psychiatry, Nice, France, April 6–9, 2013.
  - **Jackson MD**, Tulloch-Reid MK, Bennett FI, Coard KC, McFarlane-Anderson N. Is calcium associated with prostate cancer in Jamaican men? 58th Annual Scientific Meeting of the Caribbean Public Health Agency. Barbados. *West Indian Medical Journal* 2013; 62(Suppl.2):48.
  - **Jackson M**, Tulloch-Reid M, Bennett F, Lindsay C, Smith G, McFarlane-Anderson N, Coard K. Invited presentation: Associations of circulating vitamin D and calcium with risk of prostate cancer in Jamaican men. Research on Cancer Epidemiology: Risk Factors and Control in the Caribbean basin. Biostatistics and Bioinformatics Core of the UPR-MDACC Partnership for Excellence in Cancer Research program. Isla Verde, San Juan, Puerto Rico, February, 2013.
  - **Longman-Mills S**, De La Haye W, Mann R, Sapag J, Hamilton H, Erickson P, Khenti A, Brands B, Giesbrecht N, Wright G, Cumsille F. Maltreatment During Childhood and its Relationship with Drug Abuse Among Select University Students in Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence.” Abstracts 2012 Sept; p 13.
  - **Lowe GA**, Lipps G, **Gibson RC**, Halliday S, Morris A, Clarke N, Wilson RN. Neighbourhood factors and depression among adolescents in Four Caribbean Countries. 10th Annual Psychology Conference, University of the West Indies – Mona, February 21, 2013.
  - **Lowe GA**, Lipps G, **Gibson RC**, Halliday S, Morris A, Clarke N, Wilson RN. Parenting and neighbourhood factors and depression



among adolescents in Four Caribbean countries. The Jamaica Psychiatry Association Conference, University of the West Indies – Mona, August, 2013.

- **Martin JS.** Depression. Astra Zeneca Pharmaceutical Company. Terra Nova Hotel. October 14, 2012.
- **McCaw-Binns A, Mullings J.** From Nairobi to Arusha: Responding to 30 years of maternal mortality surveillance in Jamaica. Second Global Maternal Health Conference. Maternal Health Task Force: Harvard School of Public Health. January 15–17, 2013 Arusha, Tanzania.
- **McCaw-Binns A, Mullings J, Holder Y.** Measuring perinatal and under-five mortality in Jamaica: Quality and completeness of vital data *West Indian Medical Journal* 2013; 62 (Suppl 2): O53, Caribbean Health Research Conference 2013, Bridgetown, Barbados.
- **McCaw-Binns A.** The contribution of community midwifery to safe motherhood in 20th century Jamaica and challenges for the 21st century. First biennial nursing midwifery research conference. University of Technology, Jamaica, Caribbean School of Nursing. August 15–16, Kingston, Jamaica.
- **McCaw-Binns A.** Linkages between maternal, neonatal and child health (MNCH) and violence against women: gender and MNCH. International Conference on maternal, newborn and child health in Africa. August 1–3, 2013, Johannesburg, South Africa.
- **Scarlett HS.** The Environmental Health Officer: His work, successes, and challenges. New Frontiers in Medicine & Health Care Delivery. Medical Association of Jamaica Symposium 2013. Jamaica Pegasus Hotel, Kingston, June 7–9, 2013.
- **Scarlett HS.** Health promotion at the workplace. Ministry of Labour and Social Security, OSH Day Symposium. April 26, 2013.
- **Scarlett HS.** (Keynote Speaker). Time to focus on occupational health issues of health care workers. Clarendon Health Services Inaugural Staff Health & Wellness Expo, May Pen Hospital. April 30, 2013.

- **Sewell CA.** In Search of the Jamaican Paedophile. Jamaica Psychiatric Association Conference, August 12, 2012.
- **Sewell CA.** Coping with Lupus. Lupus Foundation of Jamaica Conference, October 28, 2012.
- **Sewell CA.** Mental Illness and Violence in Jamaica. Black Psychiatrists of America Conference, November 12, 2012.

### **Other International Meetings**

- **Iballaboh H, De La Haye W, Gibson R, Abel W.** Co-occurring substance misuse in clients presenting to a psychiatry unit in a general hospital in Jamaica. 21st European Congress of Psychiatry, Nice, France. *European Psychiatry* 2013; 28 Suppl 1. Abstracts of the 21st European Congress of Psychiatry.
- **Jarrett S, White Z, De La Haye W, Duncan J, Harvey K.** Traumatic life events (TLE), symptoms of post-traumatic stress disorder (PTSD), and their impact on ART adherence in HIV treatment sites in Jamaica. XIX International AIDS Conference (AIDS 2012), Washington DC, USA. *Journal of the International AIDS Society* 2012 Oct 15, Suppl 3. Abstracts of the XIX International AIDS Conference.
- **Jarrett S, White Z, De La Haye W, Duncan J, Harvey K.** Quantitative Assessment of Mental Health Care Needs Among HIV & STI Patients Attending Public Clinics in Jamaica. XIX International AIDS Conference (AIDS 2012), Washington D.C., U.S.A. *Journal of the International AIDS Society* 2012 Oct; 15, Suppl 3. Abstracts of the XIX International AIDS Conference.
- **Longman-Mills S, De La Haye W, Mann R, Sapag J, Hamilton H, Erickson P, Khenti A, Brands B, Giesbrecht N, Wright G, Cumsille F.** Maltreatment During Childhood and its Relationship with Drug Abuse Among Select University Students in Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence” Abstracts 2012 Sept; p 13.

- Gough H, De La Haye W, Noh S, Brands B, Gastaldo D, Hamilton H, Padilha M, Khenti A, Wright G, Cumsille A. The Role of Family Relations, Peer Influence and Spirituality in Impacting the Use of Illicit Drugs Such as Cannabis Among Students in One University in Kingston, Jamaica. OAS/CICAD Scientific Meeting with Latin American and Caribbean Universities, Quito, Ecuador. “The Drug Phenomenon from the Perspective of the Use of Scientific Evidence.” Abstracts 2012 Sept; p 33.
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## **PUBLICATIONS**

### **Chapters in Books**

- Longman-Mills S. Emotional-social intelligence among adolescents in Jamaica. P126. In: *Commonwealth Health Partnerships* 2013. London: Commonwealth Secretariat. [http://www.commonwealthhealth.org/ebook/CHP13\\_ebook/#/2/](http://www.commonwealthhealth.org/ebook/CHP13_ebook/#/2/)

- **Holder-Nevins D.** Music as a source of reproductive health education among adolescents in Jamaica: Who will contextualize the issues? pp. 115–117. In: *Commonwealth Health Partnerships 2012*. Cambridge, UK: 2013 Nexus Strategic Partnerships. <http://www.commonwealthhealth.org/commonwealth-health-partnerships/commonwealth-health-partnerships-2012/social-and-cultural-determinants/>
- Aiken J, Lindo J, **Holder-Nevins D**, Pounall V, Thomas M, Baker-Reid C, Ward E. Lateral violence in nursing: the experience in two urban hospitals in Jamaica. In: Needham I, McKenna K, Kingma M, Oud N (editors). *Violence in the Health Sector. Proceedings of the Third International Conference on Violence in the Health Sector: Linking local initiatives with global learning*. Vancouver, Canada, 2012. Amsterdam: Kavanah. ISBN 978090-5740-100-8, pp 110–113.
- Lindo D, **Nevins D**, Aiken J, Pounall V, Thomas M, Reid-Baker C, Ward E. Strategies for the mitigation of workplace violence in a Jamaican hospital. In: Needham I, McKenna K, Kingma M, Oud N (editors). *Violence in the Health Sector. Proceedings of the Third International Conference on Violence in the Health Sector: Linking local initiatives with global learning*. Vancouver, Canada, 2012. Amsterdam: Kavanah. ISBN 978090-5740-100-8, pp 359–362.

### Peer Reviewed Journal Articles

#### Joint Community Health and Psychiatry

- **Abel WD, James K, Bridgelal-Nagassar R, Holder-Nevins D, Eldemire H, E Thompson E, Sewell C.** The epidemiology of suicide in Jamaica 2002–2010: rates and patterns. *West Indian Medical Journal* 2012 Aug 61(5): 509–15.
- **Abel WD, Kestel D, Eldemire-Shearer D, Sewell C, Whitehorne-Smith P.** Mental health policy and service system development in the English-speaking Caribbean. *West Indian Medical Journal* 2012 Aug 61(5): 475–482.
- **Holder-Nevins D, James K, Bridgelal-Nagassar R, Bailey A, Thompson**

- E, **Eldemire H, Sewell C, Abel WD**. Suicide among adolescents in Jamaica: What do we know? *West Indian Medical Journal* 2012 Aug 61(5): 516–520.
- **Neita SM, Abel WD, Eldemire-Shearer D, James K, Gibson RC**. The prevalence and associated demographic factors of dementia from a cross-sectional community survey in Kingston, Jamaica. *International Journal of Geriatric Psychiatry* 2013 May 2. doi: 10.1002/gps.3982

### Community Health

- Anderson C, Gallo MF, Hylton-Kong T, Steiner MJ, Hobbs MM, Macaluso M, **Figuroa JP**, Jamieson DJ, Legardy-Williams J, Wiener J, Warner L. Randomized controlled trial on the effectiveness of counseling messages for avoiding unprotected sexual intercourse during STI and reproductive tract infection treatment among female STI clinic patients. *Sexually Transmitted Diseases* 2013; 40 (2): 105–110.
- Barrow GJ, Hylton-Kong T, Rodriguez N; Yasuhiro Yamamura, **Figuroa JP**. HIV-1 drug resistance in treatment naïve, chronically infected patients in Jamaica. *Antiviral Therapy* 2013 June 6. doi: 10.3851/IMP2869. [Epub ahead of print]
- Byass P, de Courten M, Graham WJ, Laflamme L, **McCaw-Binns A**, Sankoh AO, Tollman SM, Zaba B. Reflections on the Global Burden of Disease 2010 estimates. *Plos Medicine* 2013 Jul;10(7):e1001477. doi: 10.1371/journal.pmed.1001477. Epub 2013 Jul 2.
- Carter M, **Bailey A**, Snead M, Costenbader E, Townsend M, Macaluso M, Jameson D, Hylton-Kong T, Warner L, Steiner M. Exploring discordance between biologic and self-reported measures of semen exposure: A qualitative study among female patients attending an STI clinic in Jamaica. *AIDS and Behavior* 2013 Feb; 17(2):728–36.
- Carter M, Gallo M, Anderson C, Snead M, Wiener J, **Bailey A**, Costenbader E, Legardy-Williams J, Hylton-Kong T. Intra-vaginal

cleansing among women attending an STI clinic in Kingston, Jamaica. *West Indian Medical Journal* 2013 Jan; 62 (1) 56–61.

- **Figueroa JP.** Turning the tide towards an AIDS free generation: is it within reach? *West Indian Medical Journal* 2013; 62 (4): 279–281.
- **Figueroa JP,** Weir SS, Jones Cooper C, **Byfield L,** Hobbs M, McKnight I, Cummings S. High HIV prevalence among MSM in Jamaica is associated with social vulnerability and other sexually transmitted infections. *West Indian Medical Journal* 2013; 62 (4): 282–287.
- Gaskin PS, Lai P, Guy D, Knight J, **Jackson M,** Nielsen AL. Diet, physical activity, weight status and culture in a sample of children from the developing world. *Journal of Nutrition and Metabolism* 2012 Oct 30. PMID: 23193460 [Epub ahead of print]
- Graham WJ, **McCaw-Binns A,** Munjanja S. Translating coverage gains into health gains for all women and children: the Quality Care Opportunity. *Plos Medicine* 2013 Jan; 10(1): e10011368. doi: 10.1371/journal.pmed.1001368. Epub 2013 Jan 15.
- Hamilton CL, Eyzaguirre LM, Amarakoon II, **Figueroa P,** Duncan J, Carr JK, Roye ME. Analysis of protease and reverse transcriptase genes of HIV for antiretroviral drug resistance in Jamaican adults. *AIDS Research and Human Retroviruses* 2012 Aug;28(8):923–7. doi: 10.1089/AID.2011.0312.
- **Holder-Nevins D.** Health communication in the Caribbean and beyond: a reader [Book Review]. *West Indian Medical Journal* 2012; 61(6): 652.
- Hutchinson MK, Smith TK, **Waldron N,** Kahwa E, Hewitt HH, Hamilton PI, Kang SY. Validation of the Jamaican maternal sexual role modelling questionnaire. *West Indian Medical Journal.* 2012 Dec; 61(9):897–902.
- **Jackson MD,** Tulloch-Reid MK, McFarlane-Anderson N, Watson A, Seers V, Bennett FI, Egleston B, Ragin C. Complex interaction between serum folate levels and genetic polymorphisms in folate

- pathway genes: biomarkers of prostate cancer aggressiveness. *Genes and Nutrition* 2013 Mar;8(2):199–207. doi: 10.1007/s12263-012-0321-7. Epub 2012 Sep 25.
- **Jackson M**, Tulloch-Reid M, Walker S, McFarlane-Anderson N, Bennett F, Francis D, Coard K. Dietary patterns as predictors of prostate cancer in Jamaican men. *Nutrition and Cancer*, 2013; 65(3) 367–374.
  - **Jackson MD**, Tulloch-Reid MK, McFarlane-Anderson N, Watson A, Seers V, Bennett FI, Egleston B, Ragin C. Complex interaction between serum folate levels and genetic polymorphisms in folate pathway genes: biomarkers of prostate cancer aggressiveness. *Genes and Nutrition* 2013 Mar; 8(2):199–207.
  - **James K, Holder-Nevins D, Morris C, Eldemire-Shearer D, Powell J, Laws H**. Ageing in place: implications of local morbidity patterns among older persons – findings from a cross-sectional study in a developing country (Jamaica). *Australasian Journal on Ageing* 2012 Sep; 31(3):170–5.
  - Kang SY, Hutchinson MK, **Waldron N**. Characteristics related to sexual experience and condom use among Jamaican female adolescents. *J Health Care for the and Poor Underserved* 2013 Feb;24(1):220–2.
  - Kidd LR, Jones DZ, Rogers EN, Kidd NC, Beache S, Rudd JE, Ragin C, **Jackson M**, Anderson NM, Tulloch-Reid M, Morrison S, Brock GN, Barve SS, Kimbro KS. Chemokine Ligand 5 (CCL5) and Chemokine Receptor (CCR5) Genetic Variants and Prostate Cancer Risk among men of African Descent: A Case-Control Study. *Hereditary Cancer in Clinical Practice* 2012 Nov; 10(1):16.
  - **McCaw-Binns A, Bailey A, Holder-Nevins D, Alexander S**. Adverse consequences of uninformed adolescent sex in Jamaica: From STIs to pregnancy, abortion and maternal death. *Social and Economic Studies* 2012 Sep; 61(3): 145–166.
  - Ragin C, Davis-Reyes B, Tadesse H, Daniels D, Bunker CH, **Jackson M**, Ferguson TS, Patrick AL, Tulloch-Reid MK, Taioli E. Farming, Reported Pesticide Use, and Prostate Cancer. *American Journal of Mens Health* 2013; 7(2):102–9.

- Taioli E, Sears V, Watson A, Flores-Obando RE, **Jackson MD**, Ukoli FA, de Syllos Cólus IM, Fernandez P, McFarlane-Anderson N, Ostrander EA, Rodrigues IS, Stanford JL, Taylor JA, Tulloch-Reid M, Ragin CC. Polymorphisms in CYP17 and CYP3A4 and prostate cancer in men of African descent. *Prostate*. 2013 May 7. 73(6):668–76.
- Tulloch-Reid MK, Younger NO, Ferguson TS, Francis DK, Abdulkadri AO, Gordon-Strachan GM, McFarlane SR, **Cunningham-Myrie CA**, Wilks RJ, Anderson SG. Excess cardiovascular risk burden in Jamaican women does not influence predicted 10-year CVD risk profiles of Jamaica adults: an analysis of the 2007/08 Jamaica Health and Lifestyle Survey. *PLoS One* 2013 Jun 21;8(6):e66625. P
- West W, **James K**, Brady-West D. Ultrasound detected asymptomatic cholelithiasis: an age-based protocol for management. *West Indian Medical Journal* 2012 Dec; 61(9): 903–906.
- Willie D, Ferguson T, Tulloch-Reid M, **McCaw-Binns A**. Teaching epidemiology and biostatistics: medical students' views on the content and instructional strategies of an introductory course. *Caribbean Teaching Scholar* 2012 Nov; 2 (2): 103–114.

## PSYCHIATRY

- **Abel WD**, Bailey-Davidson Y, **Gibson R**, **Martin JS**, **Sewell C**, James SA, Fox K. Depressive symptoms in Adolescents in Jamaica. *West Indian Medical Journal* 2012 61 (5): 494–498.
- **Abel, WD**, **Sewell C**, **Martin JS**, Fox K. Suicidal ideation among Jamaican youth: socio-demographic prevalence, protective and risk factors. *West Indian Medical Journal* 2012 61 (5): 521–525.
- Burgess B, Curtis-Downes D, **Gibson RC**. Education and employment levels among Jamaican patients newly diagnosed with schizophrenia and bipolar disorder. *International Journal of Social Psychiatry* 2013 May; 59(3):247–53. doi: 10.1177/0020764011433638. Epub 2012 Jan 16.



- **Gibson RC, Lowe GA, Morgan KAD, Henry M, De La Haye W, Irons A.** Capgras Syndrome presenting in an adolescent girl in the Caribbean. *West Indian Medical Journal* 2013 Jan 62 (1): 95–98.
- **Gibson RC, Morgan KA, Abel WD, Sewell CA, Martin JS, Lowe GA, de la Haye W, Edwards CL, O’Garro KN, Reid ME, Asnani MR.** Locus of control, depression and quality of life among persons with sickle cell disease in Jamaica. *Psychology, Health & Medicine* 2013;18(4):451–60. doi: 10.1080/13548506.2012.749353. Epub 2013 Jan 16.
- **Gossell-Williams M, Martin J, Neita S, Gibson RC, Abel W, Sewell C, McGrowder D.** Prevalence of the metabolic syndrome in patients presenting to the university hospital of the West Indies: a need to adopt proactive screening and specific management policy. *West Indian Medical Journal* 2012 Nov;61(8):802–8.
- **Lipps GE, Lowe GA, Gibson RC, Halliday S, Morris A, Clarke N, Wilson RN.** Parenting and depressive symptoms among adolescents in four Caribbean societies. *Child and Adolescent Psychiatry and Mental Health.* 2012 Sep 21;6(1):31. doi: 10.1186/1753-2000-6-31.
- **Longman-Mills S, González WY, Meléndez MO, García MR, Gómez JD, Juárez CG, Martínez EA, Peñalba SJ, Pizzanelli EM, Solórzano LI, Wright MG, Cumsille F, De La Haye W, Sapag JC, Khenti A, Hamilton HA, Erickson PG, Brands B, Flam-Zalcman R, Simpson S, Wekerle C, Mann RE.** Exploring child maltreatment and its relationship to alcohol and cannabis use in selected Latin American and Caribbean countries. *Child Abuse and Neglect* 2013 Jan;37(1):77–85.
- **Martin JS, Neita SM, Gibson RC.** Depression among cardiovascular disease patients on a consultation-liaison service at a general hospital in Jamaica. *West Indian Medical Journal* 2012 Aug; 61(5): 499–503.
- **Sewell C, Martin JS, Abel WD.** Psychiatric comorbidity: revisiting the “mind-body” connection. *West Indian Medical Journal* 2012 61(2):115–116.

- Williams-Johnson J, Williams E, Gossell-Williams M, Sewell CA, Abel WD, Whitehorne-Smith P. Suicide attempt by self-poisoning: characteristics of suicide attempters seen at the emergency department at the University Hospital of the West Indies. *West Indian Medical Journal* 2012 Aug 61(5):526–531.

### **Student Led**

Gordon CD, Wilks R, McCaw-Binns A. Effect of aerobic exercise (walking) training on functional status and health-related quality of life in chronic stroke survivors: a randomized controlled trial. *Stroke* 2013 Apr; 44(4): 1179–81. Epub 2013 Mar 7.

### **Technical Reports**

- Campbell NE, Clarke E. Indoor Air Quality Report: Gordon House/House of Parliament, Duke Street, Jamaica (22 pages). 21/5/2013, Submitted to the Clerk of the House.
- McCaw-Binns A, Mullings J. Epidemiological Surveillance of Maternal Mortality in Jamaica: 1981–2012. Case study of the Jamaican experience with maternal mortality surveillance. *Family Care International*. December 2012 (58 pages).
- McCaw-Binns A, Mullings J. 2008–2012 External evaluation of the UNDP/UNFPA/WHO/World Bank Special Programme of Research, Development and Research Training in Human Reproduction. Chapter 3 – Evidence generation and synthesis to improve family planning, prevent unsafe abortion and prevent and control sexually transmitted and reproductive tract infections. November 2012 (42 pages).

### **PUBLISHED ABSTRACTS AND POSTERS**

#### **Caribbean Public Health Agency Meeting (CARPHA)**

- WD Aiken, K Jones, K James. Rural/Urban Differences in the

Clinico-pathologic profiles of Jamaican men with Prostate Cancer: A comparative retrospective case series. *West Indian Medical Journal* 2013; 62 (Suppl. 2): O25. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.

- **Cunningham-Myrie C**, Mabile E, Govia I, Younger N, Tulloch-Reid M, McFarlane S, Francis D, Gordon-Strachan G, Wilks R, Theall K. Allostatic load in Jamaicans: Sex differences and variability across neighbourhoods. *West Indian Medical Journal* 2013; 62 (Suppl. 2): O55. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.
- **Jackson MD**, Tulloch-Reid MK, Bennett FI, Coard KC, McFarlane-Anderson N. Is calcium associated with prostate cancer in Jamaican men? *West Indian Medical Journal* 2013; 62(Suppl.2):O58. 58th Annual Scientific Meeting of the Caribbean Public Health Agency. Barbados.
- King I, Bortuloss-Ali S, **Cunningham-Myrie C**, Reid M. Impact of a comprehensive sickle cell centre on early childhood mortality in a developing country: the Jamaican experience. *West Indian Medical Journal* 2013; 62 (Suppl. 2): O51 [Oral Presentation]. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.
- **McCaw-Binns A**, **Mullings J**, Holder Y. Measuring perinatal and under-five mortality in Jamaica: Quality and completeness of vital data *West Indian Medical Journal* 2013; 62 (Suppl 2): O53 [Oral Presentation, CHRC 2013]. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.

#### **Student led**

- Beazer CV, **Waldron NK**. Factors affecting repeat visits to the emergency room by adults with asthma at the University Hospital of the West Indies and the National Chest Hospital. *West Indian Medical Journal* 2013; 62(suppl 2): P35 [Poster]. 58th Annual Scientific Meeting, CARPHA, May 2–4, 2013.

## **PUBLIC SERVICE**

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

### **Professor Wendel Abel**

- Advisor to Minister of Education – Early Detection Support and Intervention Project for Children and Adolescents with Behavioural Problems
- Working group – Mental health policy, Ministry of Health (Jamaica)
- Chair – National Council and Drug Abuse

### **Mrs Althea Bailey**

- Member – Ministry of Health/ National HIV Programme Technical Working Group.
- Board – Jamaica AIDS Support for Life
- Designed and tested a cervical screening patient education tool for the Ministry of Health

### **Mr Norbert Campbell**

- Collaborated with the Occupation and Environmental Safety and Health (OESH) team, Faculty of Science and Technology, to conduct indoor air quality assessments on the university campus and in the House of Parliament, Gordon House.
- Assisted the Department of Microbiology National Influenza Centre to meet bio-safety requirements to maintain their CDC registration.

### **Dr Colette Cunningham-Myrie**

- Volunteer service – Diabetes Association of Jamaica

### **Professor Denise Eldemire-Shearer**

- Patron – National Council for Senior Citizens

## Department of Community Health & Psychiatry

- Chairman – Board of Supervision, Ministry of Local Government and Community Development
- Chairman – Caribbean Community of Retired Persons
- Member – Central Health Committee: Ministry of Health
- Member – Planning Institute of Jamaica Task Force preparing the Vision 2030 Committee on Vulnerable Groups

### **Professor J Peter Figueroa**

- Director, Epidemiology Research and Training Unit (ERTU)

### **Dr Michelle Harris**

- Faculty member – The Caribbean Health Leadership Institute (CHLI)

### **Dr Jacqueline Martin**

- Volunteer Physician & Psychiatrist – Stella Maris Foundation

### **Dr Henroy Scarlett**

- Vice President – Jamaica Occupational Health Professionals Association (JOHPA).
- Member – National Oversight Committee, Ministry of Health's Wastewater Systems Evaluation Project (Project funded by PAHO and UNEP)

## **INTERNATIONAL SERVICE**

Faculty served on a range of expert panels and advisory committees with international agencies such as the Organization of American States (OAS), the Pan American Health Organization (PAHO) and the World Health Organization (WHO). They are also peer reviewers for over a dozen international journals.

### **Professor Wendel Abel**

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

- Advisory Committee –The Training and Certification Program for Drug and Violence Prevention, Treatment, and Rehabilitation (PROCCER; OAS)
- Assistant Editor – *West Indian Medical Journal* (June 2011–June 2014)
- Peer Reviewer
  - *Ethnicity and Inequalities in Health and Social Care*
  - *West Indian Medical Journal*

**Professor Denise Eldemire-Shearer**

- Editorial Board Member – *West Indian Medical Journal*

**Professor J Peter Figueroa**

- Member – WHO Strategic Advisory Group of Experts (SAGE) on Vaccine Preventable Diseases
- Rapporteur – PAHO Technical Advisory Group (TAG) on vaccine preventable diseases
- Chair – Caribbean Expanded Programme of Immunization (EPI) managers, annual meeting
- Deputy Chair – Pan Caribbean Partnership against AIDS (PANCAP), Executive Board and Regional Coordinating Mechanism
- Chair – PANCAP Priority Areas Coordinating Committee (PACC)
- Editorial Advisory Board – *West Indian Medical Journal*
- Peer Reviewer:
  - *PLOS One*
  - *Vaccine*
  - *West Indian Medical Journal*

**Dr Roger Gibson**

- Member – Section on Conflict Management & Resolution, World Psychiatric Association

**Dr Desmalee Holder-Nevins**

- Executive committee member – North American Regional Organization of International Union of Health Promotion and education (IUHPE).

**Dr Maria Jackson**

- Editorial Board Member – *Ethnicity and Health*
- Corresponding member – Global Burden of Disease (GBD) Project (WHO, Gates Foundation and World Bank): Nutrition Expert Group
- Member – African-Caribbean Cancer Consortium Research Review Committee
- Peer Reviewer:
  - *BMC Public Health*
  - *Cancer Causes and Control*
  - *Clinical and Experimental Metastasis*
  - *Genes and Nutrition*
  - *Nutrition Journal*
  - *Public Health Nutrition*
  - *The Prostate*

**Professor Affette McCaw-Binns**

- Member – World Health Organization, Maternal Morbidity Working Group to define maternal morbidity, develop tools and indicators to measure maternal morbidity and monitor progress
- Editorial Advisory Board – *West Indian Medical Journal*: 2000–present
- Peer Reviewer:
  - *BMC Pregnancy and Childbirth*
  - *BMC Health Services Research*
  - *Health Policy and Planning*
  - *International Journal of Gynecology and Obstetrics*

- *Journal of Epidemiology and Community Health*
- *Paediatric and Perinatal Epidemiology*
- *West Indian Medical Journal*

## **STAFF DEVELOPMENTS & MOVEMENTS**

### **Promotions**

**Prof Denise Eldemire-Shearer** was promoted to Campus Coordinator, School of Graduate Studies and Research, Mona in August 2012. **Prof Affette McCaw-Binns** was asked to act as Head of Department in August 2012 and was appointed in June 2013. **Dr Wendel Abel** was promoted to Professor of Mental Health Policy, effective May 29, 2013.

### **Movements and achievements**

**Dr Satnarine Maharaj** retired in August 2012 after 31 years of service to the department. Ms **Violet Wallen**, community health aide, August Town Hermitage Health Centre and **Dr Chloe Morris**, the Director of the Mona Ageing and Wellness Centre, also retired in 2012.

Three faculty joined the department, **Dr Samantha Longman-Mills**, psychologist, Psychiatry section; **Dr Colette Cunningham-Myrie**, Medical Lecturer in Community Health and **Mrs Kathryn Mitchell-Fearon** (Community Health section) to coordinate instruction in Health Systems Management and develop a new MPH specialty track in this area. She completed her Doctorate of Public Health (DrPH) from the University of Georgia during the academic year. **Mrs Jasneeth Mullings** joined the Department as a research assistant during the academic year, was awarded the PhD in Epidemiology from the University of the West Indies, with high commendation and left the Department to take up an appointment in the Dean's office, Faculty of Medical Sciences, as the Epidemiologist/ Research Scientist in the Health Research Resource Unit.

**Dr Tana Ricketts-Roomes**, medical officer, earned the Diploma in Family Medicine, with distinction in June 2013 while **Dr Jackie Martin**



earned the Certificate in University Teaching (CUTL) from the Faculty of Humanities, University of the West Indies, Mona in July 2013.

#### **HONOURS AND AWARDS**

- UWI Medical Alumni Association Prize for the Best Presentation by a Medical Student – 2012, Faculty of Medical Sciences Research Conference.
- Fourth year medical students C Katragadda, A Howell, D Archie, K Barrett, S Betty, A Bhagwandat, T Brooks, S Figueroa, L Gayle, S Gibson, S Harewood, K Kealebale, J Lofters, T Martin, O Matthews, P Ramonna, H Robertson, M Sehunelo, K Selema, S Sterling, D Thomas and N Wade, with Dr M Jackson were awarded the UWI Medical Alumni Association Prize for the Best Presentation by a Medical Student for their paper Health-seeking behaviour for pain in sickle cell disease: The Sickle Cell Unit at the 2012 Faculty of Medical Sciences Research Meeting (*West Indian Medical Journal* 2012; 61(Suppl.6):36).
- **Dr Maria Jackson**, and her collaborators, Professor S Walker, Dr C Simpson-Smith, Mrs C Lindsay, Mr G Smith, Professor N McFarlane-Anderson, Dr F Bennett, Professor K Coard, Dr W Aiken, Dr T Tulloch, Dr T Paul and Dr R Wan received the Principal's Award for Best Research Publication 2013 for their paper "Associations of Whole-Blood Fatty Acids and Dietary Intake with Prostate Cancer in Jamaica" (*Cancer Causes and Control*. 2012 Jan;23(1):23-33. doi: 10.1007/s10552-011-9850-4. Epub 2011 Oct 9).
- **Professor Wendel Abel** received the Award for Excellence in Psychiatry from the Jamaica Psychiatric Association in December 2012 and an Award for Outstanding work in Mental Health Policy and Service System Development, from the Medical Foundation of Jamaica in August 2013.
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## RESEARCH

### New Initiative Grants

Mrs. Douladel Tyndale, Mona Ageing and Wellness Centre, with Dean Horace Fletcher (gynaecologist) and Dr William Aiken (urologist) have been funded to examine the Sexual Health of Older Persons.

### Other Research Grants

Professor Wendel Abel is the Principal Investigator of a national study on Suicide in Jamaica, being undertaken at the request of the Ministry of Health, with support from UNICEF and aims to measure suicidal ideation and behaviour among adolescents. It will document the socio-demographic and clinical characteristic of patients presenting to Emergency Rooms with attempted suicide and include a psychological autopsy of persons who committed suicide in 2012. He will also coordinate a series of Drug Use and Abuse studies which will include a National Drug Abuse Household Survey and a complementary study which examines Drug Use among Secondary School Students which will be implemented as a National School Survey. Both will be conducted in collaboration with the National Council on Drug Abuse with funding from the Organization of American States (OAS).

Dr. Michelle Harris received a grant from the CHRC/CARPHA to conduct A cluster randomized controlled trial to improve the management of dsy lipidemia in primary care.

Dr Holder-Nevins received a grant of J\$100,000 from the Jamaica Society for the Blind and the Caribbean Association for the Blind to do a qualitative study among cataract patients in four parishes to examine factors which influence the acceptance of cataract surgery among Jamaicans 50 years and older. The report has been submitted to the Jamaican Society for the Blind.

Dr Jackson is participating in a pooled analysis of Metabolic Gene Polymorphisms among Men 40–80 Years with Prostate Cancer, in collaboration with Fox-Chase Cancer Center (Philadephia, USA) and

will utilize data from the case-control study of diet and lifestyle factors and prostate cancer.

The Mona Ageing and Wellness Centre is collaborating with Case Western University to help introduce Age Friendly Guidelines for Care into Primary Health Care in the Bahamas.

## STUDENTS

### Postgraduate Students

Categories of students	Number registered 2012–2013	Graduates 2012–2013
PhD Public Health	5	2
Doctorate of Public Health	22	0
Master of Public (MPH) including Health Education/Health Promotion	19	19
Diploma in Family Medicine (Years 1–3)	23	7
– <i>Bahamas</i>	11	2
– <i>Mona</i>	12	5
DM Family Medicine (Years 4–5)	5	0
– <i>Bahamas</i>	0	0
– <i>Mona</i>	5	0
DM Psychiatry (Years 1–4)	10	1

## DEPARTMENT OF MEDICINE



**Professor Michael Gibson Lee, MB.BS *UWI*, DM**  
(Internal Medicine) *UWI*, FRCP(C), FACP, FACG, FRCP *Edin*  
Head of Department

### **WORK OF THE DEPARTMENT**

The Department of Medicine continued its mission of excellence in teaching, engaging in research which is relevant, providing service work and outreach while experiencing several challenges during the period August 1, 2012 to July 31, 2013.

### **TEACHING**

#### **Undergraduate**

The increased number of Undergraduate students in the MBBS program continues to be one of the major challenges for the Department. The University Hospital of the West Indies (UHWI), which is the main teaching facility for clinical teaching, has limited space and facilities with

limited patient numbers. In addition, the shortage of resources at the UHWI is causing major challenges for patient care which affects teaching. However, the dedicated staff managed the challenges and coped with the increased number of students in the Introduction to Medical Practice (IMP) and the third year clinical clerkship.

Most of the clinical students were assigned to the UHWI, which includes all of the second year IMP students and two thirds of the third year clerkship students. In addition to UHWI, the 5th year students were assigned to the peripheral hospitals including; Kingston Public Hospital (KPH), the Cornwall Regional Hospital and the Mandeville Regional Hospital. Teaching began, albeit slowly at the Spanish Town Hospital in 2012, but problems with inadequate staffing continues to pose a challenge. The Associate Lecturers at the peripheral institutions, despite their busy clinical schedule, continue to do an excellent job in teaching the students. The feedback from the students at the peripheral teaching sites remains good.

The 3rd year clinical students were divided between KPH (one-third) and the UHWI (two-thirds). The majority of Associate Lecturers at KPH have performed extremely well despite their heavy service load.

The teaching for the MBBS clinical programme in Medicine has transformed from a mixture of large class didactic teaching to predominantly small group teachings with an emphasis on patient and problem oriented learning. In addition to the small group assignments there are scheduled teachings to students at the different sites on a daily basis. The guidelines for the clerkships have been updated and the topics for the daily teachings standardized.

The Introduction to Medical Practice (IMP 2) had a class size of approximately 310 students. Although there were problems with adequate space and staffing for the small group activities, the clerkship was completed satisfactorily.

The main May/June (2013) MBBS final examination was conducted very successfully and of the 142 students taking the Medicine examination 133 (94%) passed with 1 obtaining Honours. For the November/December

2012 final MBBS examination all 19 students from the Mona campus passed the Medicine examination.

The increased number of students doing the clinical examination is creating challenges with increasing time and personnel needed and an increase in expenditure.

### **Postgraduate**

The postgraduate DM programme in Medicine has been training specialists in Internal Medicine for Jamaica and the Caribbean for over forty years despite a lack of funding for the programme. The success of the programme is due mainly to the staff being committed to training these postgraduate students.

With the increasing number of undergraduate students in the MBBS programme there is an urgent need to increase the number of DM students but the UHWI is presently financially constrained to implement this increase. Also, Government sponsored postgraduate students have diminished.

There is a need to train subspecialists and the department is to start Fellowship subspecialty training as soon as qualified applicants are available. Nephrology Fellowship training has started and there has been four graduates. Approval has been obtained to start training in Cardiology and Gastroenterology. There are advanced plans for starting Fellowship training in Infectious Disease.

### **RESEARCH**

Research which is relevant is a priority. All members are encouraged and expected to do research and publish papers. The research output has been variable but has increased over the past two years.

There is an urgent need to refurbish the non-functional laboratory in the department but this has been delayed because of financial constraint.

## **CONTINUING MEDICAL EDUCATION**

The Department of Medicine hosted a successful Cardiology week culminating in a Cardiology Symposium in February 2013. The Theme was ‘Heart Disease in Women’. Two visiting Cardiologists from the USA gave lectures at the symposium.

In March 2013 the department hosted a Symposium on Stroke which highlighted thrombolytic therapy in patients with ischaemic stroke. There were three visiting lecturers from the University of Miami who participated.

The annual summer review in July 2013 was successful with an increased attendance from students, residents, general practitioners, nurses and consultants

## **OUTREACH**

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

Monthly consultation service and gastrointestinal procedures are performed at the Princess Margaret Hospital, St. Thomas by a staff Gastroenterologist. The department has started a Gastrointestinal Service at the Spanish Town Hospital and has trained nurses for the unit. Gastroenterologists from the department continue weekly consultations and procedure lists at Spanish Town Hospital.

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

The staff at CHARES monitor individuals with HIV infection in a homeless resident home in downtown Kingston.

Several members of staff are resource personnel on non-governmental

organizations concerned with public health and charity. Other members of staff sit on various boards.

## **VISITORS TO THE DEPARTMENT**

**Professor Ralph Sacco**, Professor and Head of Neurology, University of Miami, Florida met with Head of the Department and discussed collaborative work. He delivered a special Lecture entitled “*Facing the Challenge of the Stroke Pandemic*”.

**Dr. Jose Romano**, Professor of Neurology, University of Miami, Florida., met with Head of the Department and discussed collaborative work with the Department. He delivered two Lectures entitled “Systems of Acute Stroke Care” and “Medical Management of Acute Ischemic Stroke”.

**Dr. Beverley Barnett**, Pan American Health Organization, gave the Rolf Richards Distinguished Lecture.

**Professor Frans Van de Werf**, Leuven University, Belgium, gave a special lecture on the “Treatment of acute myocardial infarction” in February 2013.

**Dr. Michelle Johnson**, Memorial Sloan Kettering Cancer Center, and Cornell University, New York, gave a special Lecture on the “Heart in Cancer therapy” in April 2013

**Professor Ellen Ginzler**, State University of New York, gave the Erick Cruickshank Distinguished Lecture in June 2013.

## **PUBLICATIONS**

### **Refereed Journal Articles**

August 2012 to July 2013

- Penn KA, Whittle DO, Lee MG. Inflammatory bowel disease in Jamaica. *Annals of Gastroenterology* 2013; 26: 1–4.



- **Orimoloye A, Hurlock L, Ferguson TS, Lee MG.** Pattern of Energy Drink Consumption and Associated Adverse Symptoms among University Students. *British Journal of Medicine & Medical Research* 2013; 3(4):1900–1909
- Gordon L, McGrowder D, Pena Y, Cabrera E, **Lawrence-Wright MB.** Effect of yoga exercise therapy on oxidative stress indicators with end-stage renal disease on hemodialysis *International Journal of Yoga* 2013 January;6(1):31–8.
- Rana AQ, **Ali A**, Boke BN. Difficult differential diagnosis of Unverricht-Lundborg disease with spontaneous kinesogenic myoclonus and movement disorder. *Acta Neurologica Belgica* 2012 December;112(4):431.
- **McGhie T, Alfred R, Ali A, Gilbert DT.** Lateral Medullary Infarct/Wallenberg Syndrome. Case Reports from Jamaica. *West Indian Medical Journal* 2012 October;61(7):746–750
- **White Y, Yoshimitsu M, Kozako T, Matsushita K, Koriyama C, Uozumi K, Suzuki S, Kofune H, Arima N.** Effects of exogenous interleukin-7 on CD8 (+) T-cell survival and function in human T cell lymphotropic virus type 1 (HTLV-1) infection. *Leukaemia Lymphoma*. 2013 [Mar 8; pg 1-8; doi: 10.3109/10428194.2013.772174].
- Hamada T, **White Y**, Nakashima M, Oiso Y, Fujita M, Okamura H, Iwagawa T, Arima N. The bioassay guided isolation of growth inhibitors of adult T-cell leukaemia (ATL), from the Jamaican *Hyptis verticillata*, and NMR characterization of hyptoside. *Molecules*. 2012;17:9931-9938.
- Koenig, Serena P; Rodriguez, Luis A; Bartholomew, Courtenay; Edwards, Alison; Carmichael, Tracie E; **Barrow G**; Cabié, André; Hunter, Robert; Vasquez-Mora, Giselle; Quava-Jones, Avion; Adomakoh, Nicholas; Figueroa, J Peter; Liautaud, Bernard; Torres, Magaly; Pape, Jean W. Long-Term Antiretroviral Treatment Outcomes in Seven Countries in the Caribbean. *Journal Acquired Immune Deficiency Syndrome*. 2012;59(4):e60-71. doi: 10.1097/QAI.0b013e318245d3.

- **Sargeant T, Harris T, Wilks R, Barned S, Galloway-Blake K, and Ferguson T.** Rhabdomyolysis and Dengue Fever: A Case Report and Literature Review. *Case Reports in Medicine* Volume 2013, Article ID 101058, 4 pages <http://dx.doi.org/10.1155/2013/101058>
- **James J, A.K Soyibo, L. Hurlock, G. Gordon-Strachan, E.N Barton.** Cardiovascular risk factors in an Eastern Caribbean Island. Prevalence of Non-communicable Chronic Diseases and Associated Lifestyle Risk Factors for Cardiovascular morbidity and mortality in the British Virgin Islands. *West Indian Medical Journal* 2012; 61 (4):427–34.
- **R Alfred, SN Chin, E. Williams, C Walters, EN Barton, D Shah,** The Prevalence and significance of Oestrogen Receptor (ER) Positively in Breast Cancer at the University of the West Hospital Indies, Jamaica *West Indian Medical Journal* 2012; 61: (8): 795.
- **EN Barton.** Mental Health. *West Indian Medical Journal* 2012; 61 (5): 473–474.
- **Soyibo AK, Barton EN.** Evaluation and Management of Hypertension in the Elderly. *West Indian Medical Journal* 2012; 61: 907–911.
- **Barrow CR, Clare-Pascoe N, Bahadur A, Atkinson N, Browie C, Clarke TR, Barton EN.** A review of the HIV infected homeless sub population at the Centre for HIV-AIDS Research and Services, University Hospital of the West Indies. *West Indian Medical Journal* 2013, 62.
- **Hickling FW, Martin J, Walcott G, Paisly V, Hutchinson N, Clarke TR, Barton EN.** The creation and valuation of the Jamaican Personality Disorder inventory. *West Indian Medical Journal* 2013: 62.
- **Martin J, Walcott G, Clarke TR, Barton EN, Hickling FW.** The prevalence of personality disorder in a general medical hospital population in Jamaica. *West Indian Medical Journal* 2013; 62.
- **Soyibo AK, Roberts L, Douglas LL, Barton EN.** Renal Disease in the Caribbean: The Disease of the Past, Present and Future. *West Indian Medical Journal* 2012;61(4):418–21.

**Abstracts in Peer Reviewed Journal**

- Bonadie KO, Arthurs M, **Murphy T**, Cawich SO, Martin AC, Williams EW, Soe-Htwe Y. Peri-Operative Management Protocol for Endoscopic Retrograde Cholangio-pancreatography in a Sickle Cell Cohort in Jamaica. A Critical Analysis. *West Indian Medical Journal* . 2012; 61(S3): 9–10.
- **Murphy T**. The Hepatobiliary MDT: A Working Model in the Caribbean Setting. *West Indian Medical Journal*. 2012; Letter.
- **Gayle F**. Acute Stroke Care in Jamaica. *West Indian Medical Journal* . 2012; 61 (Suppl 6); 13.
- Gordon-Perue G, **Gayle F**, **Chin L**, Edwards R, Romano J. Physicians' Knowledge and Practice regarding Acute Stroke Care at University Hospital of the West Indies. *West Indian Medical Journal* . 2012;61(Suppl 6);13.
- **McGhie T**, **DeCeulaer K**, Walter Cs, **Soyibo AK**, **Lee MG**. Vitamin D levels in Patients with systemic lupus erythematosus. *West Indian Medical Journal* Vol. 61 (Suppl 6): 29
- Gordon Perue GL, **Gayle FA**, L Chin, R Edwards, F Nahab, J Romano. Physician knowledge and practices regarding acute stroke care at the University Hospital of the West Indies, Jamaica. *West Indian Medical Journal* Vol. 61 (Suppl 6): 31
- Morgan AN, WD Abel, AFD Coore, L Simms, **Gilbert DT**. The prevalence of depression amongst patients admitted to the medical wards at the University Hospital of the West Indies, Jamaica. *West Indian Medical Journal* Vol. 61 (Suppl 6): 35
- **Orimoloye A**, **Hurlock L**, TS Ferguson, **Lee MG**. A study of energy drink consumption among the students of the University of the West Indie, Mona, Jamaica. *West Indian Medical Journal* Vol. 61 (Suppl 6): 36.
- **Galloway-Blake KM**, M Reid, **Lee MG**, Walters C, Jaggon J. Clinical characteristics in patients admitted to the University Hospital of the West Indies, with sickle cell disease. *West Indian Medical Journal* Vol. 61 (Suppl 6): 45.

- Jackson S, Nagsassar R, James K, Gibson R, Rhoden T, **Wright-Pascoe R**. The diagnosis of neurological HIV through antibody detection in the cerebrospinal fluid. *West Indian Medical Journal* Vol. 61 (Suppl 6): 47.
- Forbes N, **Barrow G**, **Walwyn M**, **Fraser Y**, Keenan J, Aung A, Lee MG. Causes of death in the HIV population over five years, from 2005 to 2010 at the Cornwall Regional Hospital, Jamaica. *West Indian Medical Journal* Vol. 61 (Suppl 6): 47.
- Mani KA, **Hoo Sang M**, Younger-Coleman NO, Ferguson TS. Ischaemic heart disease at the University Hospital of the West Indies: Hospital admission rates and inpatient mortality rates, 2005–2010. *West Indian Medical Journal* Vol. 61 (Suppl 6): 48
- **Penn KA**, **Whittle DO**, **Lee MG**. Inflammatory bowel disease at the University Hospital of the West Indies. *West Indian Medical Journal* Vol. 61 (Suppl 6): 55
- Boyd I, Grossell-Williams M, **Lee MG**. The use of analgesic drugs in young patients with sickle cell painful crisis. *West Indian Medical Journal* Vol. 61 (Suppl 6): 59
- Campbell J, Grossell-Williams M, **Lee MG**. Evaluation of the trends associated with reported spontaneous adverse drug events by healthcare professional in Jamaica. *West Indian Medical Journal* Vol. 61 (Suppl 6): 60.
- Cawich SO, Roberts H, **Arthurs M**, **Murphy T**, Martin A, Shah S, Johnson PJ, Gordon-Strachan G. A Critical evaluation of indications for endoscopic retrograde cholangiography for common bile duct stones in patients with Sickle Cell Disease: A Case controlled study. *West Indian Medical Journal* 2012; 61(S4): 17
- Cawich SO, Cherian CJ, Roberts PO, Shah S, Johnson PJ, **Murphy T**, **Arthurs M**, Bonadie KO, Simpson LK. Whipple’s Pancreaticoduodenectomy: Pushing the Limits of Resectability in the Caribbean Setting. *West Indian Medical Journal* 2012; 61(S4): 37.
- Bonadie K, SoTwe Y, **Arthurs M**, **Murphy T**, Cawich SO, Simpson LK, Isaacs MS, Williams EW, Harding H. Critical Analysis of a Peri-

Operative Management Protocol in Patients with Sickle Cell Disease.  
*West Indian Medical Journal* 2012; 61(S4): 49.

**SCIENTIFIC PAPERS PRESENTED**

Dr. F Gayle

- Stroke Pathogenesis and Hypertension – Acute Stroke Symposium: Bridging the Gap, July 21 2012.
- Stroke in Jamaica – 21st Annual Research Conference Faculty of Medical Sciences Research Day, 2012
- Physicians’ Knowledge and Practice regarding Acute Stroke Care at University Hospital of the West Indies 21st Annual Research Conference Faculty of Medical Sciences Research Day, November 4, 2012.
- Acute Stroke Management: Past, Present and Future. Emergency Medical Symposium. May 30, 2013.
- Stroke-Brain Attack. Advancements in Medicine Symposium. April 14, 2013.
- Transient Ischemic Attack Update & Secondary Prevention of Stroke: American Heart Association/ University of Miami/ University of the West Indies Acute Stroke Conference. March 2, 2013.
- Neurovascular Imaging in Acute Stroke-Hemorrhagic and Ischemic Presentations: American Heart Association/ University of Miami/ University of the West Indies Acute Stroke Conference. March 2, 2013.
- Stroke and the General Practitioner: 11th Annual Caribbean Neuroscience Symposium, January 29, 2013.
- Stroke Pathophysiology and Hypertension: American Heart Association/University of Miami/University of the West Indies Acute Stroke Conference-Bridging the Gap, July 20, 2012.

**Dr. M. Lawrence-Wright**

- Uncontrolled hypertension: Overcoming Physician Inertia and Patient Noncompliance. CME Conference November 2012
- Approach to the Patient with Rheumatic Heart Disease. Advancements in Cardiovascular Care 2012 Conference
- Gender and Cardiovascular Disease – Men are from Mars and Women are from Venus. Heart Foundation of Jamaica Heart Month 2013, February 2013
- Peripartum Cardiomyopathy. Cardiovascular Week 2013 Cardiovascular Symposium.

**Dr. A. Ali**

- Neuropsychiatric Masquerades – Common Neurological disorders that present with psychiatric symptoms. Annual Mental Health Conference, October 2012
- Choosing the Right Anti-Seizure Drug: Get it Right the First Time! Annual Neurosciences conference. February 2013
- A Clinical Approach to the Patient with Difficult to Control Epilepsy: Novel Therapeutic Opportunities. CME Symposium. July 2012
- The Management of Haemorrhagic Stroke – Stroke Symposium July 2012

**Dr. V. Elliott**

- Rate, Rhythm, Ectopics – Caribbean Cardiac Society annual meeting July 2012

**Dr. K. Maloney**

- The use of NSAIDs in treating chronic pain – Caribbean Council of Family Physicians. March 2013
- Lupus and alternative and complementary medicine – Annual Lupus Symposium September 2012

## Department of Medicine

### **Dr. C. Collie**

- Management of Asthma. Medical Association of Jamaica August 27, 2012
- Taking Control of Asthma. Medical Association of Jamaica. August 31, 2012

### **Dr. A. Soyibo**

- Caribbean Renal Registry – Annual Data Report.
- 5th Annual Conference of Nephrology and Hypertension
- Jamaica Renal Registry ADR. 5th Annual Conference of Nephrology and Hypertension
- Glomerular Changes in Children with Sickle Cell Disease – Clinicopathological Correlates.
- 5th Annual Conference of Nephrology and Hypertension

## **PUBLIC SERVICE & OUTREACH**

### **Professor Michael Lee**

- Member, Board of Executive, Food for the Poor
- Chair, Medical Committee, Food for the Poor
- Member, Medical Review Panel Ministry of Health. Jamaica
- Member, Board of the Heart Foundation of Jamaica

### **Dr. Trevor Murphy**

- Secretary, Association of West Indian Gastroenterologists

### **Dr. Dwight Whittle**

- Volunteer, Gastroenterology Clinic and procedures, Princess Margaret Hospital, Morant Bay, St. Thomas.

**Professor Everard Barton**

- Renal clinic outreach Mandeville Regional Hospital and St Ann's Bay Hospital.
- Outreach services to develop renal care services in Tobago and public education on prevention of causative diseases.
- Working with CHEF (Caribbean Health and Education Foundation) to do a Caribbean wide screening for Kidney disease in the English speaking Islands/countries.
- Arranged with Global links for visiting teams of Healthcare professionals to work with local teams in surgery and medicine in Kingston, Manchester and St. Ann.
- Obtaining from Global links (USA) dialysis material: fluid, chemicals, machines which were distributed among University of the West Indies, St. Joseph Hospital and Mandeville Regional Hospital.

**Dr. A. K. Soyibo**

- Outreach to Rural areas: Preventing Life style related disease.
- Education and Policy for Renal Unit in Tobago.
- Renal clinic in two major government hospitals: Mandeville Regional Hospital and St. Ann's Bay Hospital.

**Dr. Lisa Hurlock**

- Cardiologic evaluation Physician for swimmers for Jamaica.

**Professor R. Wright-Pascoe**

- Chairman, Jamaica National Committee on Non-Communicable Diseases, Ministry of Health
- Member, Council of the Medical Association of Jamaica
- President, Association of Consultant Physicians of Jamaica
- Chairman, Board of Management of Central Medical Laboratories.
- Member, Medical Tribunal Unit of the Medical Council of Jamaica



## Department of Medicine

### **Dr. C. Collie**

- Chairman, Board of Directors, Pre-University School, Taylor Hall, UWI, Mona
- Chairman, Board of Directors, Ayrton Distributors Limited

### **Dr. M. Lawrence-Wright**

- Treasurer – Caribbean Cardiac Society
- Board Member, Jamaica Anti-Doping Commission
- Member, Bustamante Hospital for Children Development Committee

### **Dr. G. Barrow**

- Consultancy for UNICEF
- Consultant services for the Elimination of mother to child transmission of HIV and Syphilis.
- Ministry of Health, providing technical support to the National HIV/STI Programme as the Director for the Treatment Care and Support (TCS) component
- Representative to the Country Coordinating Mechanism for the Global Fund Against HIV/AIDS, Tuberculosis and Malaria to Jamaica.
- Member, Monitoring and Evaluation Reference Group, National HIV/STI Programme.
- Member, Academic Sub-Committee of the National AIDS Committee.
- Member, Civil Society Forum of Jamaica.
- Member, “Most At Risk Population” Technical Working Group, National HIV/STI Programme.

### **Dr. T. Clarke**

- Medical Director, Racers (Usain Bolt’s) Running Club
- Member, Medical Committee for the JAAA

**Dr A. Ali**

- Chair, Caribbean taskforce of the North American Regional Commission on Epilepsy
- Chair, Taskforce for the biennial North American Regional Caribbean Congress on Epilepsy
- Member, International Affairs Commission of the American Epilepsy Society (AES).
- American Academy of Neurology Ambassador to the Caribbean region
- Regional epilepsy and neurology clinics and educational discussions in Tobago, St Lucia and Antigua

**Dr. K. Maloney**

- Vice President Lupus foundation of Jamaica, July 2012–present

**Dr. F. Gayle**

- Jamaica National Health Fund Medical Expert Panel

**AWARDS**

- **Professor M Lee** received the distinguished award from the Medical Foundation of Jamaica
- **Dr. W. Williams** received a distinguished award from the Association of Consultant Physicians

## DEPARTMENT OF MICROBIOLOGY



Professor John F. Lindo, BSc, PhD *UWI*  
Head of Department

### **WORK OF THE DEPARTMENT**

#### **Service**

The Department of Microbiology provide laboratory diagnostic services to the University Hospital of the West Indies as its main client and as part of undergraduate and postgraduate teaching in the Faculty of Medical Sciences. Further, it serves a number of private hospitals, laboratories and medical centres. The total number of clinical specimens processed increased by 8.9% over the year from 56,393 to 61,398 when compared to 2011/2012. However, the total number of units decreased by 6.27%.

#### **BIOSAFETY LEVEL III LABORATORY**

The department received funding from the National Health Fund to complete the furnishing and equipping of the Biosafety Level III (BSL3)

laboratory. Work will be completed in academic year 2013–2014 and Jamaica will have its first BSL3 laboratory as recommended by the World Health Organisation several years ago. This will allow the department to handle highly infectious material in a safe manner.

### **CARIBBEAN MEDICAL MYCOLOGY REFERENCE LABORATORY**

The upgrade of the Mycology Services towards the establishment of the Caribbean Medical Mycology Reference Laboratory has continued with work being focussed on drafting of Standard Operating Procedures for fungal diagnosis and antifungal susceptibility testing. The laboratory will offer testing for antifungal resistance in clinical samples, identify new and emerging fungal infections and test new drugs in those in development.

### **NATIONAL INFLUENZA CENTRE**

The National Influenza Centre (NIC) working with the Pan American Health Organization and the Ministry of Health contributed to the following national and regional publications as part of its mandate on influenza surveillance:

- Weekly PAHO Influenza Regional Reports (EW 1–52, 2012): [www.paho.org/reportesinfluenza](http://www.paho.org/reportesinfluenza)
- Weekly CARPHA reports – (EW 1 to 52, 2012)
- Weekly Surveillance Bulletin – Jamaica, Surveillance Unit, Ministry of Health (EW 1 to 52, 2012)

The NIC Jamaica successfully participated along with a total of 181 laboratories from 141 countries in six WHO regions in the World Health Organization (WHO) External Quality Assessment Programme (EQAP) for the Detection of Influenza Viruses with a turnaround time of 24 hours.

## **LABORATORY INFORMATION SYSTEM**

The department continued the roll out of the Laboratory Information System although the project faced major challenges with the location of a central accessing area. The area has been identified and work will be undertaken to facilitate a 2014 Go-live date.

## **Research**

During the period under review the department spent considerable effort in developing the research capacity of its graduate students. The aim was to have all research projects conducted in the department be of a high enough standard for publication in a peer reviewed journal. Students were encouraged to present an abstract to at least one conference and then to convert this into a full paper for publication. This has borne fruit and 16 of the 29 papers presented this year were led by graduate students. The students have now embarked on the second phase of publishing by writing manuscripts for peer-reviewed journals.

The department places great value on its international collaborations and Ms Nicole Christian continued to conduct research on molecular and genetic basis of antibiotic resistance with Professor Tim McHugh at University College, London. Further, Ms Cheridah Todd is conducting collaborative research on free living amoebae with Dr Jacob Lorenzo Morales at the Universidad de La Laguna, Spain. During the year under review Dr Alison Nicholson established collaborative research with Case Western Research University, Ohio, USA (Professor Michael Jacobs and Dr Altreisha Foster) to study pneumococcal disease. In addition, Dr Joshua Anzinger established collaborations with Rush University (Professor Greg Spear) and the University of Nevada, Reno (Professor Buxton) to study bacterial vaginosis in HIV-infected patients and premature labour, respectively.

The National Influenza Centre (NIC) continued its collaboration with the Pan American Health Organization, the Centers for Disease Control and Prevention (CDC), Atlanta and the Caribbean Public Health Agency.

Dr. Sandra Jackson who is Director of the NIC established collaborative studies on influenza with Dr. Jonathan Gubbay of the Public Health Ontario Laboratory of Canada. The Departments of Medicine, Child Health and Microbiology participated in the establishment of the first Caribbean Infectious Disease Fellowship training programme in collaboration with the University of South Carolina's School of Medicine, USA.

Dr. Orville Heslop established collaborative research on molecular typing of *Clostridium difficile* in hospital acquired infections with Dr. Michael Mulvey at the National Microbiology Laboratory, in Manitoba, Canada. Further he is working with Dr. Mary Brandt of the Mycology Branch, CDC, on the molecular epidemiology of new and emerging fungal infections.

The department welcomed several distinguished visitors who are part of our collaborative studies. These included Ms Chika Ozongwu (UCL), Professor Michael Jacobs and Dr Altreisha Foster (Case Western), Professor Gregory Spear (Rush, Chicago).

#### **NEW ACADEMIC STAFF MEMBERS**

The capacity of the department to carry out its tasks was advanced significantly in the year under review by the recruitment of new academic staff members including, Dr Joshua Anzinger who was recruited as a Lecturer. Dr Anzinger holds the PhD in Microbiology and Immunology from Rush University and joined the staff after postdoctoral work at the National Institutes of Health. His area of interest is in the immunology and pathophysiology of HIV infections and its relationship with chronic diseases. Dr Yohann White who holds the MBBS from the UWI, PhD in Immunology from Kagoshima University and the DTM&H from the London School of Hygiene and Tropical Medicine was appointed jointly between the Departments of Medicine and Microbiology. He will focus on research in human retrovirology and cellular immunology. In addition Dr Kristian Angeby who holds MD and PhD degrees from the Karolinska Institute in Stockholm, Sweden was appointed Honorary Research Fellow. Dr Angeby who was manager of the Tuberculosis laboratory at

## Department of Microbiology

the Karolinska Institute has an interest in mycobacterial infections of importance to human health. Ms Cheridah Todd was appointed Research Assistant and will focus of developing the area of molecular parasitology. The main thrust of her research is on the distribution and characteristic free-living amoebae in the Jamaican environment and in clinical samples.

### **NON ACADEMIC APPOINTMENTS**

- Ms Alcía Jones Chief Medical Technologist – January 1, 2013
- Mr Evan Edwards Chief Medical Technologist – June 1, 2013
- Ms Monique Miller Senior Medical Technologist – June 1, 2013
- Ms Rochelle Meyler Senior Medical Technologist – June 1, 2013
- Mrs Sandra Jackson Records Management Assistant I – June 1, 2013

### **POSTGRADUATE TRAINING**

The following candidates successfully completed the DM (Medical Microbiology) programme:

1. Dr Camille-Ann Thoms-Rodriguez
2. Dr Glendee Reynolds-Campbell
3. Dr Rohan Willis

The department currently has seven DM, one PhD, four MPhil and 14 MSc candidates.

### **PAPERS PRESENTED**

- **Anzinger JJ**, Zhou J, Lam L, Gouillou M, Jaworowski A, McCune JM, Landay AL, Crowe SM, Palmer CS. “Glut1 expression on intermediate monocytes is a potential marker of inflammation in HIV-positive subjects”. International AIDS Society, July 2013, Kuala Lumpur, Malaysia.

- **Anzinger JJ.** “How macrophages get fat: Elucidation of a novel mechanism for cholesterol accumulation in atherosclerosis”. UWI FMS Conference Workshop, November 2012, Kingston, Jamaica.
- **Anzinger JJ, Buono C, Barthwal MK, Chang J, Xu Q, Kruth HS.** “Macrophage Foam Cell Formation Occurs by Fluid-Phase Pinocytosis of LDL”. UWI FMS Conference, November 2012, Kingston, Jamaica. (Poster Presentation).
- **Anzinger JJ.** “Appetite for Destruction: Macrophage Pinocytosis of LDL Promotes Atherosclerosis”. University of Nevada, Seminar, January 2013, Reno, Nevada, USA. (Invited *Oral Presentation*).
- **Brown MG, Lindo JF, Brown PD, Vickers IE, Jackson ST.** Co-infections of leptospirosis, and dengue in Jamaica 2007–2008. *West Indian Medical Journal* 61 (Suppl. 6), 38. Faculty of Medical Sciences 21st Annual Research Conference, University of the West Indies, Mona, Kingston 7, Jamaica in November 2012.
- **Jones A, Christian N, Anscombe C, Fletcher HM, McHugh TD, Lindo JF** Molecular detection of *Trichomonas vaginalis* infection in women at the University Hospital of the West Indies. *West Indian Medical Journal* 2012; 61 (Suppl): 54. Faculty of Medical Sciences 21st Annual Research Conference, University of the West Indies, Mona, Kingston 7, Jamaica in November 2012.
- **Heslop OD, Mulvey MR, Smikle MF, Levett PN.** “Unique *Clostridium difficile* pulse field gel electrophoresis types at two Jamaican Hospitals”. American Society of Microbiologists, May 2013, Denver Colorado, USA. (Poster presentation).
- **Jackson S, Nagassar R, James K, Gibson R, Rhoden T.** The diagnosis of neurological HIV through antibody detection in the CSF. 21st Annual Research Conference on the Non-Communicable Diseases – A Threat to Life and the Economy: *West Indian Medical Journal*. Vol. 61 (Suppl 6), 2012, Jamaica (Abstract and Poster presentation).
- **Jackson S, Nagassar R, James K, Gibson R and Rhoden T.** Evaluation



of rapid HIV antibody assays in the diagnosis of neurological HIV. *J Neurol Neurophysiol* S1: 2155-9562-S1.003-17/Special Issue – Central Nervous System – Drug Effects & Novel Drug Development- September, 2012. Philadelphia, USA (Poster presentation)

- **Jackson S**, James K, McMorris M, Steer K, Nagassar R and Eldemire-Shearer D. Poor Vaccine Uptake as a potential barrier to Influenza Pandemic Preparedness. 29th Clinical Virology Symposium. April, 2013, Florida, USA. (Poster presentation).
- **Jackson S**. Melbourne-Chambers R. Childhood chorea-encephalopathy. City-Wide ID Case Conference, University of South Carolina's School of Medicine. SC, USA. February 2012.
- **Jackson ST**, James K, Mowatt L, Roye-Green K, Shaw K, Nevins D, Beecher C, Richards, Mcintosh M, Harvey K, L, Blake C, Williams J. Chlamydia as a cause of blindness. Review of ocular Chlamydia trachomatis frequency in Jamaica. Regional V2020 Meeting, Georgetown, Guyana. December 2012 (Abstract and *Oral Presentation*)
- Cook, JM., Hardie, R., Bailey, K., Tapper, M., Anderson, J., Vickers, I., **Lindo, JF**. (2013). Seroepidemiology of human toxocariasis in Jamaica. *West Indian Medical Journal* 62(Suppl. 5), 24. Ophthalmological Society of the West Indies 24th Annual Research Conference, Paramaribo, Suriname in July, 2013.
- Cook, JM., Hardie, R., Bailey, K., Tapper, M., Anderson, J., **Vickers, I., Lindo, JF**. (2012). Seroprevalence of human toxocariasis in Jamaica. *West Indian Medical Journal* 61 (Suppl. 6), 38. Faculty of Medical Sciences 21st Annual Research Conference, University of the West Indies, Mona, Kingston 7, Jamaica in November 2012.
- Cook, JM., Hardie, R., Anderson, J., Tapper, M., Choy, L., Bailey, K., Vickers, I., **Lindo, JF**. (2012). Insights into the Seroepidemiology of Toxocariasis in Jamaica. *The American Journal of Tropical Medicine and Hygiene* 87 (Suppl.5), 344.
- Lawrence DA, Stott BR, Herbein JF, **Lindo JF**. Diagnosis of intestinal protozoan infections using antigen detection at the University

Hospital of the West Indies. *West Indian Medical Journal* 2012; 61 (Suppl): 54. Faculty of Medical Sciences 21st Annual Research Conference, University of the West Indies, Mona, Kingston 7, Jamaica in November 2012.

- Thoms-Rodriguez CA, **Nicholson AM**, Christian N, Willey B, Mazzulli T. Antibiotic resistance profile and the investigation of meropenem (MEM) efflux in multidrug-resistant (MDR) *Acinetobacter* spp. at the University Hospital of the West Indies. *West Indian Medical Journal* 2012; 61; Suppl. 6: 57–58. (Poster Presentation at the 21st Annual Faculty of Medical Sciences (FMS) Research Conference, Kingston, Jamaica, November 2012.)
- Thoms-Rodriguez CA, **Nicholson AM**, Christian N, Willey B, Didier H, Mulvey MR Mataseje L McCracken M Boyd D Christie C, Mazzulli T. Outbreak/endemic OXA carbapenemase positive *Acinetobacter* spp in a tertiary care hospital in the Caribbean. *West Indian Medical Journal* 2012; 61 (Suppl. 6) 38. (Oral Presentation at the 21st Annual Faculty of Medical Sciences (FMS) Research Conference, Kingston, Jamaica, November 2012)
- Reynolds G, **Nicholson AM**, Bodonaik N: Gentamicin and amikacin resistance in Gram negative bacilli over 30 years at a tertiary level teaching hospital, November 2012.
- Thoms-Rodriguez C, **Nicholson AM**, Christian N, Willey BM, Mazzulli T. Efflux detection in meropenem (MEM) resistant *Pseudomonas* (P.) *aeruginosa* isolates. (Poster Presentation at the 52nd Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), San Francisco, September 9–12, 2012.
- Garita M, **Nicholson AM**, Cuesta G, Mould J. Cost-effectiveness of Linezolid versus Vancomycin in the Treatment of Ventilator-Associated Pneumonia in Jamaica Poster Presentation at International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Dublin, Ireland 2013.
- Cheung D, **Nicholson AM**, DaCosta M. Epidemiology, Antimicrobial Susceptibility and Co-infection of *Escherichia coli* in Blood and

Urine Poster Presentation American Society for Microbiology (ASM)  
2013 Boston, USA.

- G Reynolds, **Nicholson AM**, Christian N, Willey B, Mazzulli T. 16S rRNA methyltransferases in Gram negative bacilli from the Caribbean (Poster ICAAC Conference 2013)
- **Smikle MF, Christian NA, Brown MG, Heslop OD, Vickers IE.** HLA association in HIV exposed children in Jamaica. American Society of Microbiologists, May 2013, Denver Colorado, USA. (Poster presentation)
- Willis R, **Smikle M, Heslop O**, Bodonaik N, Thame M, Kumar U, Aung M, Kellier A, Drysdale S, Leon V. Epidemiology and Antimicrobial Sensitivity Pattern of Streptococcus pneumoniae Infection in the Jamaican Population. *West Indian Medical Journal* 2012; 61 (Suppl. 6): 56.
- **Willis R\***, Jajoria P, Harper B, Gonzalez EB, Petri M, Akhter E, Fang H, Pierangeli SS. Effect of Hydroxychloroquine and Statin Therapy on Pro-inflammatory Cytokines and Disease Activity in a Lupus Cohort. *West Indian Medical Journal* 2012; 61 (Suppl. 6) 39. *Oral Presentation* at the 21st Annual Faculty of Medical Sciences (FMS) Research Conference, Kingston, Jamaica, November 2012)
- Willis R, **Smikle M, Heslop O**, Bodonaik N, Thame M, Kumar U, Aung M, Kellier A, Drysdale S, Leon V. Morbidity and Mortality of Streptococcus pneumoniae Infections at the University Hospital of the West Indies *West Indian Medical Journal* 2012; 61 (Suppl. 6):55.
- Willis R, **Smikle M, Heslop O**, Bodonaik N, Thame M, Kumar U, Aung M, Kellier A, Drysdale S, Leon V Pneumococcal Vaccine Coverage and Clinical Associations of Streptococcus pneumoniae Serogroups in the Jamaican Population *West Indian Medical Journal* 2012; 61 (Suppl. 6): 56.
- **Willis R\***, Bodonaik N, McMorris N. Epidemiology and Microbial Aetiology of Culture-Proven Meningitis Cases at the University Hospital of the West Indies. *West Indian Medical Journal* 2012; 61

(Suppl. 6):58. (Poster Presentation at the 21st Annual Faculty of Medical Sciences (FMS) Research Conference, Kingston, Jamaica, November 2012.)

## **PUBLICATIONS**

### **Books and book chapters**

- Arima N, Makoto Y, **White YRG**. 'Prevention of human T-cell lymphotropic virus infection and adult T-cell leukemia' In Chang Mei-Hwei and Jeang Kuan-Teh (Eds.). *Viruses and Human Cancer – From Basic Science to Clinical Prevention*. Springer, 2013.

### **Refereed Journal Articles**

- Hoefsloot W, van Ingen J, Andrejak C, **Angeby K**, et al. The geographic diversity of nontuberculous mycobacteria isolated from pulmonary samples: A NTM-NET collaborative study. *European Respiratory Journal*. 2013 April 18.
- **Ängeby K**, Juréen P, Kahlmeter G, Hoffner SE, Schön T. Challenging a dogma: antimicrobial susceptibility testing breakpoints for *Mycobacterium tuberculosis*. *Bull World Health Organ*. 2012 September 1;90(9):693-8. doi: 10.2471/BLT.11.096644.
- **Ängeby K**, Juréen P, Chryssanthou E, Schön T. Tentative susceptibility testing breakpoint for the neuroleptic drug thioridazine, a treatment option for multi- and extensively drug resistant tuberculosis. *International Journal of Mycobacteriol*. Volume 1, Issue 4, December 2012.
- Barthwal MK, **Anzinger JJ**, Xu Q, Bohnacker T, Wymann MP, Kruth HS. "Fluid-phase pinocytosis of native low density lipoprotein promotes murine M-CSF differentiated macrophage foam cell formation". *PLoS One*. 2013;8(3):e58054.

- **Heslop OD, Roye-Green K**, Coard K, Mulvey MR. A unique strain of community-acquired *Clostridium difficile* in severe complicated infection and death of a young adult. *BMC Infect Dis*. 2013 July 1;13(1):299.
- Fanfair RN, **Heslop O**, Etienne K, Rainford L, Roy M, Gade L, Peterson J, O'Connell H, Noble-Wang J, Balajee SA, Brandt ME, **Lindo JF**, Park BJ. *Trichosporon asahii* among intensive care unit patients at a medical center in Jamaica. *Infect Control Hosp Epidemiol*. 2013; 34(6):638–41. doi: 10.1086/670633.
- **Lindo JF**. Chagas: a neglected tropical disease. *West Indian Medical Journal*. 2012 September;61(6):557–8.
- Carrington S, Cohall DH, Gossell-Williams M, **Lindo JF**. The antimicrobial screening of a Barbadian medicinal plant with indications for use in the treatment of diabetic wound infections. *West Indian Medical Journal* 2012 December;61(9):861–4.
- Robinson RD, Waugh CA, **Todd CD**, Lorenzo-Morales J, **Lindo JF**. Rat lungworm: an emerging zoonosis in Jamaica. *Hawaii Journal of Medicine & Public Health*. 2013 June;72(6 Supl2):33.
- Chroboczek T, Boisset S, Rabigade JP, Meugnier H, Akpaka PE, **Nicholson AM** et al Major West Indies MRSA clones in human beings. Do they travel with their hosts? *Journal of Travel Medicine* 2013, 20: (5): 283–8.
- Nagassar RP, Bridgelal-Nagassar RJ, McMorris M, Roye-Green KJ. *Staphylococcus aureus* pneumonia and dengue virus co-infection and review of implications of coinfection. *BMJ Case Reports* 2012 (2012)
- Justiz-Vaillant AA, Akpaka PE, McFarlane-Anderson N, **Smikle MF**. Comparison of Techniques of Detecting Immunoglobulin-binding Protein Reactivity to Immunoglobulin Produced by Different Avian and Mammalian Species *West Indian Medical Journal* 2013; 62: 12–20.

- **White Y**, Yoshimitsu M, Kozako T, Matsushita K, Koriyama C, Uozumi K, Suzuki S, Kofune H, Arima N. Effects of exogenous interleukin-7 on CD8(+) T-cell survival and function in human T-cell lymphotropic virus type 1 (HTLV-1) infection. *Leuk Lymphoma*. 2013 [Mar 8; epub ahead of print; doi: 10.3109/10428194.2013.772174].
- Hamada T, **White Y**, Nakashima M, Oiso Y, Fujita M, Okamura H, Iwagawa T, Arima N. The bioassay guided isolation of growth inhibitors of adult T-cell leukaemia (ATL), from the Jamaican *Hyptis verticillata*, and NMR characterization of hyptoside. *Molecules*. 2012;17:9931-9938

## **INCOME GENERATION/GRANTS**

### **Grants Obtained**

#### **Anzinger JJ.**

Vaginal Lactobacilli capture of HIV

- US\$10,000.00, Caribbean Health Research Council, 2013–2015
- US\$15,000.00, UWI New Initiative, 2013–2015

#### **Christian NC.**

Molecular epidemiology of quinolone resistance among clonal types of *Escherichia coli*, *Klebsiella pneumoniae* and *Acinetobacter* spp

- US\$10,000 Caribbean Health Research Council, 2013–2015

#### **Lindo JF, Copeland S and Jackson ST**

Establishing a Biosafety Level III laboratory and strengthening viral diagnosis for Jamaica

- US\$263,193.79, National Health Fund

#### **Jackson ST**

Influenza surveillance

- US \$13,696.00 – Pan American Health Organisation

## Department of Microbiology

**Vickers IE, Brown MG, Ducasse M, Harvey K, Lindo JF**

Laboratory Evaluation of a Commercial Rapid Dengue Diagnostic Test Kit for the Detection of NS1 Antigen, IgM and IgG Antibodies in Jamaica.

- \$1,398,500.00 (Ministry of Health)

**White YH.**

Effects of exogenous interleukin-7 on CD8(+) cytotoxic T-lymphocyte survival and function in Jamaican patients with human T-cell lymphotropic virus type 1 infection.

- \$ 957,255.00 UWI New Initiative, 2013–2015

Opportunities for advancing policy in the scale up of a robust multisectoral response to HIV and sex work in Jamaica – UNFPA (to The Grata Foundation on research project)

- US\$22,000; April 2013, role: co-investigator; Principal investigator – **Professor Russell Pierre.**

Positive MSM intervention – UNFPA to The Grata Foundation on project

- US\$12,750; December 2012; role: co-investigator; Principal investigator – **Professor Russell Pierre.**

## **PUBLIC SERVICE**

**Dr. Kristian Angeby**

- Member, International Union Against Tuberculosis and Lung Disease
- Member, European Society of Mycobacteriology
- WHO TBTEAM expert in the field of laboratory strengthening.

**Professor John Lindo**

- Membership Chair, Rotary Club of New Kingston
- Member, American Society of Tropical Medicine and Hygiene

- Member, Inter-American Development Bank Civil Society Consulting Group (ConSOC)

**Dr. Sandra Jackson**

- Member, Ministry of Health's IHR Technical Advisory Group of Experts
- Member, Pandemic Preparedness Committee

**Professor Monica Smikle**

- Member, Lions Club of Mona



## DEPARTMENT OF OBSTETRICS & GYNAECOLOGY



**Dr. Carole Rattray, MBBS, DM (O&G), FRCOG, FACOG**  
**Acting Head of Department**

### **WORK OF THE DEPARTMENT**

The department continues to blaze a trail in Teaching and Research activities as well as focusing on excellent service to our Jamaican women. With the increasing numbers of medical students, the responsibility for teaching both undergraduate and postgraduate students is being increasingly shared with Associate Lecturers in our affiliate accredited hospitals of Cornwall Regional Hospital, Mandeville Regional Hospital, Spanish Town Hospital and Victoria Jubilee Hospital. The May Pen Hospital will start to take final year Obstetrics & Gynaecology students in September 2013.

Our services include general Obstetrics and Gynaecology, Reproductive endocrinology, Gynaecological Oncology, Perinatal services and Assisted Reproduction.

### **OBSTETRIC PERINATAL SERVICE**

This service manages high risk Obstetric cases and accepts referrals from the rest of the island. The Unit provides teaching for postgraduate and undergraduate medical students. Perinatal Audits occur monthly as a joint meeting with the Department of Child Health and the annual conference in February of each year is run by Drs. Kulkarni, Johnson and Simms-Stewart. This is a joint effort between Obstetrics and Gynaecology and the Neonatology group from Child Health with invited Obstetricians and Perinatologist providing vital critiques of the annual statistics.

The Labour Ward and Postnatal Services are supervised by Drs. Leslie Samuels and Cathy Maddan who also teach undergraduate and postgraduate students as well as midwives in training.

### **ONCOLOGY UNIT**

Dr. Bambury completed his Fellowship training in Gynaecological Oncology in Ottawa, Canada, and returned to the Department as the point person in the Unit. This unit is manned by Dr Rattray, Dr Mitchell, Dr Bambury and Dr Taylor with Sister Murdoch and her team of nurses as well as administrative secretary Miss Thompson. Residents rotate through the unit spending 2 months in the Colposcopy and Oncology areas. Patients requiring colposcopy in the management of the abnormal cervical smear are seen in the Colposcopy clinics while patients with gynaecological malignancies, are seen in the Oncology clinic both in preparation for surgery and in following patients post surgery, post chemotherapy and radiation therapy. The Unit also has facilities for teaching both undergraduate and postgraduate students.

### **FERTILITY MANAGEMENT UNIT**

Professor Joseph Frederick is the director of the Unit with Drs. Shaun Wynter, Vernon DaCosta, John Harriott, Loxley Christie and Sharifa

Frederick as clinicians and Dr. Audrey Pottinger and Sister McKenzie as counselors. Two other staff members in the programme are Miss Denise Everett, a senior embryologist (Biologist) and Miss Hillary Walters a staff Nurse as the coordinator of the programme. This team has championed the In Vitro Fertilization and Embryo Transfer Programme for Jamaica and the Caribbean. Pregnancy rates continue to improve and frozen embryos and donor eggs are now being stored.

Minimally invasive procedures such as hysteroscopy and laparoscopy (both diagnostic and therapeutic procedures) are provided as day case procedures and the family planning clinic offers contraceptive and sterilization advice.

The renovation and reconstruction exercises are now complete and this state of the art building is now fully functional. It houses two operating suites equipped with a surgical robot, a lecture theatre and new in vitro fertilisation laboratories. This new unit will have facilities for video conferencing allowing for the transmission of live surgical procedures other campuses in the Caribbean. It is to be officially re-opened by the Prime Minister in November 2013.

#### **INTERNATIONAL VISITORS TO THE DEPARTMENT**

- Professor Glen Taylor: Univ. of Ottawa; Perinatal pathologist and guest speaker at Perinatal Conference February 9–9, 2013.
- Professor Justin Konje: Univ. of Leister UK External examiner May/June 2013.
- Dr Karolynn Echols – Urogynaecologist (November annually since 2009).

#### **INCOME GENERATION: EXTERNAL RESEARCH FUNDING AND GRANT SUPPORT**

- Research funding: Dr SimmsStewart – Twin Birth Study – US\$ 63,000

- Dr. Kulkarni – Perinatology conference registered 400+ persons; J\$256,000

#### **PAPERS/POSTERS PRESENTED**

- S. Wynter. Gynaecological Issues in Adolescence. Annual National Adolescent Health Training Workshop. Runnaway Bay – November 2012.
- I. Bambury. Invited Speaker “HPV treatment and the abnormal Papsmear “For The Association of General Practitioners of Jamaica July 14, 2013.
- I. Bambury Invited Speaker “Screening for Gynaecologic Malignancies- A modern Approach” Mandeville Regional Hospital Annual Gynaecology Conference, May 27, 2013.
- N. Johnson. Oral Presentaion on Pregnancy Outcomes of Patients with Tetralogy of Fallot (TOF) seen in a tertiary hospital of a Developing Country. North American Society of Obstetric Medicine Annual Meeting – October 2012, Quebec, Canada.
- D. SimmsStewart. Female Sexual Dysfunction – International Womens Day Symposium, Cayman Island, March 8, 2013 – Guest speaker.
- D. SimmsStewart. Malignant Mixed Mullerian Tumour of the Fallopian Tube– Clinico-pathological conference. June 19, 2013.

#### **PUBLIC SERVICE**

##### **Dr. S Kulkarni**

- Member, Jamaica MOH Maternal Mortality audit Committee
- Member, Jamaica MOH Patient Affairs Audit Committee

##### **Dr Nadine Johnson**

- Co-organizer of Annual Perinatal Conference.

**Dr. SimmsStewart**

- ACOG Vice Chair, West Indies Section

**Dr. Rattray**

- Representative for the West Indies at RCOG Meeting, Liverpool England.

**PUBLICATIONS**

- DaCosta V, Chin L, Wynter S, Harriott J, Christie L, Frederick-Johnston S, Frederick J, McKenzie C, Everett D, Foster R, Walters Y, Pottinger A. Anticardiolipin Antibodies and Lupus Anticoagulants among Women Undergoing IVF in Jamaica. *West Indian Medical Journal* 2012; 61 (8): 789–94.
- DaCosta V, McIntosh A, Wynter S, Harriott J, Christie L, Frederick-Johnston S, Bailey M, Frederick J, McKenzie C. Total Laparoscopic Hysterectomy versus Vaginal Hysterectomy at the University Hospital of the West Indies: A 5-Year Retrospective Study. *West Indian Medical Journal* 2012; 61 (9): 789-94.
- Lewis T, DaCosta V, Cawich SO, Harriott J, Wynter S, Christie L. A Retrospective Case Control Analysis of Predispositions to Severe Obstetric Perineal Lacerations. *West Indian Medical Journal*. 2012; 61(S2): 42–43.
- Cawich SO, Lewis T, DaCosta V, Harriott J, Wynter S, Bambury I, Christie L. Predictive factors for anal sphincter injuries at delivery: A case control study. *West Indian Medical Journal*. 2012; 61(S4): 50.
- Christie LR, DaCosta, V, Wynter S, Frederick J. Minimally Invasive Surgery: what gynaecologists are doing in modern times? *West Indian Medical Journal* Vol 62 (Suppl.3)
- D. Simms-Stewart, G. McDonald, H. Fletcher, M. Bromfield, N. Williams, I. Bambury, K. James. A review of molar pregnancy at the University Hospital of the West Indies over a 16-Year period. *Journal of Obstetrics and Gynaecology*, April 2013;33:298–300.

- Horace Fletcher, Ian Bambury, and Michelle Williams. Post-coital posterior fornix perforation with peritonitis and haemoperitoneum. *International Journal of Surgery Case Reports*. 2013; 4(2): 153–155.
- Cawich SO, Samuels L, Bambury I, Cherian CJ, Christie L, Kulkarni S. Complete Anal Sphincter Complex Disruption from Intercourse: A Case Report and Literature Review. *International Journal of Surgery Case Reports*. 2012; 3: 565°568
- Frederick S, Frederick J, Fletcher H, Reid M, Hardie M, Gardner W. A trial comparing the use of rectal misoprostol plus perivascular vasopressin with perivascular vasopressin alone to decrease myometrial bleeding at the time of abdominal myomectomy. *Fertil Steril* 2013.06.022. Epub 2013 July 19.
- H. M. Fletcher, J. Dawkins, C. Rattray, G. Wharfe, M. Reid, and G. Gordon-Strachan. Morinda citrifolia (Noni) as an Anti-Inflammatory Treatment in Women with Primary Dysmenorrhoea: A Randomised Double-Blind Placebo-Controlled Trial. *Obstetrics and Gynecology International*, Vol. 2013, Article ID 195454, 6 pages.
- J. C. Dawkins, H. M. Fletcher, C. A. Rattray, M. Reid, and G. Gordon-Strachan. Acute Pyelonephritis in Pregnancy: A Retrospective Descriptive Hospital Based-Study. International Scholarly Research Network ISRN *Obstetrics and Gynecology* Volume 2012, Article ID 519321, 6 pages
- D. SimmsStewart et al. Planned cesarean or vaginal birth for twin pregnancies: a randomized Trial. Twin Birth Study Collaborative Group. *The New England Journal of Medicine*, October 2013;369(14): 1295–1305.

## DEPARTMENT OF PATHOLOGY



**Professor Carlos Escoffery, BSc, MBBS, DM *UWI***  
**Head of Department**

The Department of Pathology is engaged in teaching, research and service and is composed of various subdepartments and units, the major ones being Anatomical Pathology (Autopsy, Cytogenetics, Cytology, Histology, Immunohistochemistry), Chemical Pathology and Haematology (Blood Bank, Flow Cytometry and Routine Haematology).

### **STAFFING, STAFF DEVELOPMENT & ADMINISTRATIVE REFORM**

We started the year with 19 full-time members of academic staff and one half-time lecturer (shared with the Department of Medicine) – Anatomical Pathology (11): 5 Professors, 4 Senior Lecturers, 2 Lecturers; Chemical Pathology (3): 1 Professor, 1 Senior Lecturer, 1 Lecturer; Haematology (5.5): 1 Senior Lecturer, 4 Lecturers, 1 Part-time lecturer (Oncologist, shared half and half with the Department of Medicine. Professor Dipak Shah of Anatomical Pathology, who had been working on a post-

retirement contract, left us on December 31, 2012 and was replaced by Dr. Mahiri Bromfield, who returned to Jamaica after completing a fellowship in Renal Pathology at the University of Toronto in Canada. By the end of the year, we had lost a full-time lecturer in Haematology – Dr Joye Taylor-Houston, who left us on July 31, 2013.

Professor Carlos Escoffery six-year tenure as Head of the Department came to an end on July 31, 2013, and he will be replaced by Dr Gilian Wharfe of Haematology. Each member of the academic staff continues to work along the lines of teaching, research and service work without any weighting in terms of differential workloads.

In addition to the academic staff, the department has a diverse staff of about 40 medical and laboratory technologists, miscellaneous administrative, secretarial and clerical staff, research nurses, medical photographers, laboratory attendants, etc, giving a full-time staff of 100.

We still await the appointment of a Quality Manager to drive, coordinate and monitor the accreditation of the laboratories, without which we are being retarded in our efforts at attracting research projects from international collaborators.

We continue to anticipate a meaningful response from the Human Resources Management Division to our often repeated pleas for administrative reform in the Department, to include matters such as:

- The rationalizing and reclassification of the Departmental administrative staff so as to better cope with the ever increasing administrative load being placed upon them and upon the academic staff.
- The empowerment of the Sub-departmental/Unit Heads to exercise more autonomy with respect to the management of their budgets and staff.



## **WORK OF THE DEPARTMENT**

### **Laboratories and Autopsy Service**

The work of the department has been significantly hampered by a chronic shortage of reagents and supplies due to the financial constraints of the University. This is despite the fact that our fee collection from patients has meaningfully supplemented our UGC budget, albeit that our income generation has been stymied by the inability to perform our full raft of tests when we our reagents are in short supply.

Our laboratory and autopsy services continued to provide invaluable support to the care of the in- and out-patients of the UHWI, as well as to patients from other medical facilities and institutions, both national and regional. We eagerly anticipate the start-up of our Laboratory Information System (LIS) which has had a long gestational period, and without which we continue to be severely hampered in our ability to function as modern clinical laboratories should.

The Histopathology Laboratory accessioned and processed 9,138 surgical cases which generated 45,734 tests (including routine, histochemical and immunohistochemical stains), amounting to over 570,094 units of work. Over my tenure as Head of Department, I sought to retool this vital laboratory which had deteriorated badly and suffered from suboptimal technology and worn out equipment, among other problems. Things have now improved significantly as over this academic year this laboratory acquired 18 filing cabinets for slides and tissue blocks, one Shandon Clearvue Cover Slipper, one Gemini Autostainer, one Shandon Slidemate Slide labeler, one still for distilled water, one Excelsior Tissue Processor, two computer workstations and six laboratory chairs. The Cytology Laboratory processed 329 pap smears and 61 non-gynaecological cases. A total of 235 autopsies were performed, including 41 perinatal autopsies.

The Cytogenetics Laboratory successfully completed the validation of its procedures for karyotyping on peripheral venous blood in June 2013, and is now accepting samples for this test. It is expected that validation

procedures for karyotyping on solid tissue and amniotic fluid samples will commence in June 2014.

The Chemical Pathology Laboratory performed a total of 604,799 tests on blood, urine, body fluids and miscellaneous samples, with approximately 92% of these being analytes done on blood samples. The Routine Haematology Laboratory received and processed a total of 175,320 specimens, approximately 54% of which were composed of complete blood counts and blood films. The Blood Bank processed 4,079 blood donors, performed 21,515 tests and prepared 10,336 miscellaneous units of blood products.

### **Academic Innovations**

The department co-hosted an international conference with the Departments of Obstetrics and Gynaecology, and Child Health – the 12th Annual Perinatal Conference & Perinatal Autopsy Workshop – “Perinatology and the Law” – in the Main Medical Lecture Theatre, UWI, on February 9–10, 2013. The main guest lecturer at this forum was Dr Glenn Taylor, Paediatric and Perinatal Pathologist and Head of the Department of Pathology, the Hospital for Sick Children, Toronto, Canada.

## **TEACHING & LEARNING**

### **Undergraduate Programmes**

The Department continued to be very heavily involved in the teaching of all aspects and sub-specialties of Pathology in both Stages I and II of the MBBS programme. Dr Elaine Williams continued as our Departmental Academic Administrator of Undergraduate Affairs, overseeing and coordinating all aspects of medical student education in the Department, including Clerkship coordination, as well as representing us on the Stage I & Stage II Committees, Assessment & Examination Committee and the Curriculum Committee.

## Department of Pathology

Our lecturers continued to perform their assigned tasks commendably and achieved consistently high positive feedback ratings from the medical students.

### **Graduate Programmes**

The DM Programme in Anatomical Pathology currently has 18 registered candidates representing our highest quota of residents-in-training in the history of the programme. Dr Nadia Williams continued as the Director of the Post Graduate (DM) Programme in Anatomical Pathology and Departmental Representative on the FMS Committee for Graduate Studies. Several members of staff were involved in the supervision and teaching of MPhil, MSc and PhD candidates registered in the Department of Basic Medical Sciences, as well as teaching postgraduate students in the DM Surgery, DM Psychiatry and DM Internal Medicine Programmes.

The DM Programme in Haematology/Oncology has eight registered candidates and the DM in Chemical Pathology has one.

### **INFRASTRUCTURE DEVELOPMENT & FACILITIES**

The department still suffers from a shortage of space and facilities for the use of postgraduate students, laboratory staff, the storage of records, supplies, archival material, etc. This situation has been exacerbated by the fact that space that had been earmarked for teaching and research on the Rippel Building Spine has been co-opted for the creation of a temporary Central Accessioning Area (CAA), in order to facilitate the commissioning of the Laboratory Information System into service. As there are no long-term plans in place for the construction of a permanent CAA, it is assumed that the department will not regain the use of the aforementioned space for years to come.

## **RESEARCH & INNOVATION**

### **Jamaica Cancer Registry**

#### **Work of the Unit**

The registration of cancers continues, with the registrars now being in the finalization stages of ensuring complete collection of cases diagnosed in 2012, in preparation for the next 5-year cancer incidence report, which will cover the period 2008–2012. Verification of cases and data analysis for this period will commence in January 2014.

The International Agency for Research on Cancer (IARC) will shortly be publishing the tenth volume of “Cancer Incidence in Five Continents”, which will cover the period 2003–2007. The Jamaica Cancer Registry (JCR) submitted data for this publication, and it was accepted, and will appear in the publication.

Data submitted to IARC for inclusion in the third volume of “International Incidence of Childhood Cancer” is still being analysed by the agency.

In January 2013, the Registry received an official visit from representatives of the National Cancer Institute/ National Institutes of Health, Maryland, USA, who had been visiting various Caribbean territories in order to garner information for their initiative to collaborate with Caribbean partners to improve cancer control in the region. March 2013 marked another official visit for the Registry, this time by Dr. David Forman, Head of the Cancer Information Section of IARC. Dr. Forman was impressed by the quality of work of the Registry and encouraged the staff to work to maintain its high levels.

#### **Conferences, Workshops, Courses**

Oral and poster presentations and scientific publications were achieved from and by the data/staff of the JCR as noted below under “Papers Presented at Conferences and Seminars” and “Publications” by Dr. Tracey Gibson et al.

## Research

The Registry continues to analyze the epidemiology of specific cancers, in addition to investigating overall age-specific cancer incidence rates, and continues to recruit residents enrolled in the D.M. programme in Pathology to participate in the investigation of specific cancers. In this regard, in addition to the published papers listed below under “Publications”, there are papers on Childhood Malignancies, Head and Neck Squamous Cell Cancer and Vulval malignancies, which are In Press, and should be published shortly.

The JCR also continues to support the Elective programme in the undergraduate M.B., B.S. curriculum, accommodating medical students, who participate in research projects. Two of these students, Ms. Brittany Banbury & Mr. Andre McDaniel gave an *Oral Presentation* of their research entitled “A 20-Year Review of Primary Ovarian Malignancies in Jamaica, 1988–2007” at the 2012 Faculty of Medical Sciences Annual Research Conference, and it was well received.

At the same conference, another medical student, Ms. Miguel Marius presented a poster of her research paper, entitled “Epidemiologic Features of Osteosarcoma in Kingston and St. Andrew, Jamaica, 1978–2007”, and was awarded the prize for Best Pathology Poster.

In November 2012, two Elective students, Ms. Auvarhenne Howell and Mr. Jason Lofters undertook research projects on “Salivary gland malignancies” and “Renal malignancies”, and these have been submitted for presentation at the Faculty of Medical Sciences Annual Research Conference, to be held in November 2013.

In keeping with tradition, the Registry continued to provide information on cancers to members of the medical community, the Ministry of Health, and to assist in various research projects.

## New Initiatives

The link established in 2012 between the Registry and the African-Caribbean Cancer Consortium, headquartered at the Fox Chase Cancer Center in Philadelphia, Pennsylvania, U.S.A, has resulted in research

collaboration. The first project, which is in the planning stage, will involve the investigation of Head and Neck cancers in Caribbean populations, and will see collaboration between the consortium and several Caribbean cancer registries, including the Jamaica Cancer Registry.

## **RESEARCH PROJECTS AND ACTIVITIES**

The academic staff is involved in research projects and activities including:

### **Dr K Bishop**

- “Investigation of the correlation between ovarian cancer FAK expression and tumor migratory and invasive potential”, with **Dr T Gibson & Professor C Escoffery** in collaboration with the Departments of Basic Medical Sciences and Obstetrics & Gynaecology.

### **Professor K Coard**

- “Prostate cancer in Jamaica: The contribution of diet and lifestyle factors 2004–present” (Principal Investigator: Dr Maria Jackson) in collaboration with the Departments of Community Health & Psychiatry, Surgery, Radiology, Anaesthesia & Intensive Care, Pathology, Biochemistry, Chemistry & the Tropical Medicine Research Institute.
- “Evaluation of Oxidative Stress and Antioxidant Status and the use of the Percentage of Free Prostate Antigen to Enhance the Differentiation of Prostate Cancer from Benign Disease in Jamaican Men” (Principal Investigator: **Dr. Donovan McGrowder**) in collaboration with the Department of Surgery, Radiology, Anaesthesia & Intensive Care.
- “Metabolic Abnormalities and Risk of Prostate Cancer in Jamaican Men.” (Principal Investigator: Dr Maria Jackson) in collaboration with the Departments of Community Health & Psychiatry, Surgery, Radiology, Anaesthesia & Intensive Care, Pathology, Biochemistry, Chemistry, Tropical Medicine Research Institute.

**Dr S Shirley**

- “The Jamaican Breast Disease Study (Protocols I & II)” with **Professor C Escoffery**, in collaboration with the Departments of Surgery, Radiology, Anaesthetics & Intensive Care and TMRI

**PAPERS PRESENTED**

**Dr K Bishop**

- 12th Annual Perinatal Conference & Perinatal Autopsy Workshop – “Perinatology and the Law”, Departments of Obstetrics and Gynaecology and Child health, Faculty of Medical Sciences, UWI, Mona, February 9–10, 2013.
- “The perinatal autopsy procedure: infants are not small adults.”
- “Conditions related to perinatal death and their findings in the infant at autopsy.”

**Dr M Bromfield**

- “The Kidney and Vasculitis” – The Ricardo Lee Foundation Lecture at the 5th Annual International Conference on Nephrology and Hypertension, Montego Bay, Jamaica. January, 2013.

**Professors K Coard & B Hanchard ; Drs D McGrowder & T. Gibson**

- “Prospective study on serum lipid levels and risk of prostate cancer in Jamaican men. Up Close and Personalized.” **D. McGrowder, K. Coard, W. Aiken, T. Gibson, B. Morrison, R. Mayhew.** The 2nd International Congress on Personalized Medicine, Paris, France. July, 2013.
- “Epidemiologic features of osteosarcoma in Kingston and St. Andrew, Jamaica, 1978–2007.” (Poster presentation) **MS Marius, TN Gibson, B Hanchard, N Waugh, D McNaughton.** University of the West Indies, Mona, Faculty of Medical Sciences Annual Research Conference, Kingston, Jamaica, November 2012.

- “Colon cancer locally in 2013: Forward, backward or standing still?” Colon Cancer Medical Symposium 2013 (under the auspices of the Jamaica Cancer Society, Department of Medicine, UWI, Association of Consultant Physicians of Jamaica and Association of West Indian Gastroenterologists), Kingston, Jamaica, March 2013.
- “Incidence and mortality of cervical cancer in Jamaica”. Jamaica Cancer Society 4th Cervical Cancer Medical Symposium, Kingston, Jamaica, April 2013.
- “Cytogenetics: Role in human disease.” Medical Association of Jamaica, Symposium 2013, Kingston, Jamaica, June 2013.

#### **Prof C Escoffery**

- “The detection of all high risk human papillomavirus DNA in archival formalin-fixed paraffin-embedded cervical tissue using immunohistochemistry and polymerase chain reaction.” by Harrison S, Escoffery C, McFarlane-Anderson N, Reid M. Poster presentation at the 21st Annual Research Conference and Workshop on the Non-Communicable Diseases, Faculty of Medical Sciences, Faculty of Medical Sciences Teaching and Research Complex, Mona, UWI, Jamaica, November 7–9, 2012.
- “HPV DNA types in cervical cancer cases.” by Harrison SR, Escoffery CT, McFarlane-Anderson ND, Reid ME. *Oral Presentation* by SR Harrison at the Ministry of Health’s National HPV Study Dissemination & Update Seminar, Terra Nova All Suites Hotel, St Andrew, Jamaica, March 11, 2013.
- “HPV Infections and cervical cancers in Jamaica.” by Harrison SR, Escoffery CT, McFarlane-Anderson ND, Reid ME. *Oral Presentation* by SR Harrison at the Medical Association of Jamaica Symposium 2013 “New Frontiers in Medicine & Health Care Delivery”, The Jamaica Pegasus Hotel, St Andrew, Jamaica, June 2–9.

#### **Dr J Jaggon**

- “Malignant Gliomas at the UHWI: what’s been happening?” 18th



## Department of Pathology

Annual Scientific Symposium of the Jamaican Association of Clinical Pathologists, Kingston, Jamaica, November 201

- “The current Role of Smear Diagnosis in Neuro-oncology: whats happening at the UHWI?” Caribbean Neurosciences Symposium 2013, Montego Bay, Jamaica.
- “Clinical characteristics in patients admitted to the University Hospital of the West Indies with sickle cell disease” (Poster presentation) KM Galloway-Blake, M Reid, MG Lee, C Walters, J Jaggon. Faculty of Medical Sciences 21st Annual Research Conference 2012.
- “Initial data from the Intracranial Tumour Registry of The University of the West Indies: Radio-pathological correlation of meningioma.” (Poster presentation) P Johnson, JR Jaggon, C Bruce, J Campbell, I Crandon, G Char, D Eldemire-Shearer. UWI Research Day 2013.

### Dr D Lowe

- “Cancer Related Fatigue and Its Management” 2nd Symposium of the Barbados Cancer Support Services, Hilton Hotel, Bridgeport, Barbados. July 2013.
- “Breast Cancer For The Internist” Dept. Of Medicine Annual Summer Workshop, Main Medical Lecture Theatre, Faculty of Medical Sciences, UWI, Mona. July 2013.
- “Chemotherapy In Colon Cancer”, Colon Cancer Symposium for General Practitioners, Jamaica Grande Hotel, Ocho Rios, St. Ann. September 2012.

## BOOKS AND MONOGRAPHS

### Book Chapter

- D. McGrowder, L. Anderson-Jackson, T. Crawford (2013). “Biochemical evaluation of oxidative stress in type 1 diabetes”. In *Type 1 Diabetes*. Editor Alan P. Escher and Alice Li. Chapter 6, pp. 221–248. *InTech* Open Access Publishers.

**Refereed (Peer-Reviewed) Journal Articles**

- **KL Bishop**, C Dupuis, P Miller-Nanton, K Clarke, CS Bolt, CK Chin See. “Perinatal Autopsy Rates at the University Hospital of the West Indies: 2002–2008”. *West Indian Medical Journal*. 2013; (62)1: 35–38.
- Jackson MD, Tulloch-Reid MK, McFarlane-Anderson N, Watson A, Seers V, **Bennett FI**, Egleston B, Ragin C. “Complex interaction between serum folate levels and genetic polymorphisms in folate pathway genes: biomarkers of prostate cancer aggressiveness”. *Genes and Nutrition*. 2012; 8(2):199–207.
- Murphy AB, Ukoli F, Freeman VL, **Bennett F**, Aiken W, Tulloch T, **Coard K**, Angwafo F, Kittles RA. “8q24 risk alleles in West African and Caribbean men”. *Prostate*. 2012; 72:1366–73.
- Jackson MD, Tulloch-Reid MK, Walker SP, McFarlane-Anderson N, **Bennett FI**, Francis DK, **Coard KCM**. “Dietary Patterns as Predictors of Prostate Cancer in Jamaican Men”. *Nutrition and Cancer*. 2013; 65: 367–374.
- Brown C, McFarlane-Anderson N, Alexander-Lindo R, **Bishop K**, Dasgupta T, **McGrowder D**. (2013). “The Effects of S-nitrosoglutathione and S-nitroso-N-acetylpenicillamine in a rat model of preeclampsia”. *Journal of Natural Science, Biology and Medicine* 4(2): 330–335.
- **L. Buchner**, **D. Brady-West**, **D. McGrowder**. “Clinical features, biochemical and haematological parameters of patients with multiple myeloma”. *Asian Pacific Journal of Cancer Prevention*. 2012; 13 (4):1453–6.
- Ritch CR, Morrison BF, Hruby GW, **Coard KC**, Aiken WD, Benson MC, McKiernan JM. “Pathological outcome and biochemical recurrence free survival following radical prostatectomy in African American, Afro-Caribbean (Jamaican) and Caucasian men: an international comparison”. *BJU International* 2012; Published online: 26 OCT 2012. DOI: 10.1111/j.1464-410X.2012.11540.x
- Heslop OD, Roye-Green K, **Coard K**, Mulvey MR. “A unique

strain of community-acquired *Clostridium difficile* in severe complicated infection and death of a young adult”. *BMC Infectious Diseases* 2013; 13:299. doi:10.1186/1471-2334-13-299.

- **Gibson TN, Hanchard B, Waugh N, McNaughton D.** “A fifty-year review of soft tissue sarcomas in Jamaica: 1958–2007”. *West Indian Medical Journal.* 2012; 61: 692–7.
- **Gibson TN, Hanchard B, Waugh N, McNaughton D.** “Cancer in adolescents and young adults, Kingston and St. Andrew, Jamaica, 1988 –2007”. *West Indian Medical Journal.* 2013; 62: 21–7.
- **Johnson P, Jaggon JR, Bruce C, Campbell J, Crandon I, Char G, Eldemire-Shearer D.** “Initial data from the Intracranial Tumour Registry of The University of the West Indies: Radio-pathological correlation of meningioma”. *Internet Journal of Third World Medicine* 2012; 10: No. 1.
- **Crossman G, Mowatt L, Jaggon J.** “Sebaceous Gland Hyperplasia of the Caruncle: an uncommon diagnosis”. *Graefes Archives for Clinical and Experimental Ophthalmology* 2012;12: DOI 10.1007/s00417-012-2244-9
- **Jaggon JR, Brown TA, Mayhew R.** “Metastatic Primary Neuroendocrine Carcinoma of the Genitourinary Tract: A case report of an uncommon entity”. *American Journal of Case Reports* 2013; (May) 14:CR147–149 DOI: 10.12659/AJCR.883908
- **T. Crawford, D. McGrowder, J. Barnet, L. James.** “Tobacco-related chronic illnesses: A public health concern for Jamaica”. *Asian Pacific Journal of Cancer Prevention* 2012; 13(9): 4733–4738.
- **M. Gossell-Williams, J. Martin, RC Gibson, W. Abel, C. Sewell, D. McGrowder.** “Prevalence of metabolic syndrome in patients presenting to UHWI: A need to adapt proactive screening and specific management policy”. *West Indian Medical Journal* 2012; 61(8): 802–808.
- **C. Green, A. Wheatley, D. McGrowder, L. Dilworth, H. Asemota.** “Ortanique peel polymethoxylated flavones extract modulates liver

and heart function parameters in diet induced hypercholesterolemic rats”. *Food and Chemical Toxicology* 2013; 51:306–309.

- L. Gordon, D. McGrowder, Y. Pena, E. Cabrera, M. Lawrence-Wright. “Effect of exercise therapy on oxidative stress indicators in patients with end-stage renal disease on haemodialysis”. *International Journal of Yoga* 2013; 6(1): 31–38.

#### **Refereed (Peer-Reviewed) Journal Abstracts**

- KM Galloway-Blake, M Reid, MG Lee, C Walters, J Jaggon. “Clinical characteristics in patients admitted to the University Hospital of the West Indies with sickle cell disease”. *West Indian Medical Journal*, 2012, 61(Suppl. 6): 45-46.
- S. Bryan, R. Alexander, T. Dasgupta, D. McGrowder (2013). “Effects of Vitamin C, Cysteine and Glutathione administration with S-nitrosoglutathione on glycaemic control in Sprage-Dawley Rats”. University Diabetes Research Outreach Programme (UDOP). 17th Annual International Diabetes Outreach, March 21–23. *West Indian Medical Journal*, 62 (Suppl. 1): 36.

#### **PUBLIC SERVICE**

##### **Dr K. Bishop**

- Cytopathology Consultant, Jamaica Cancer Society

##### **Dr M Bromfield**

- Cytopathology Consultant, Jamaica Cancer Society

##### **Professor G. Char**

- Cytopathology Consultant, Jamaica Cancer Society

##### **Professor C. Escoffery**

- Cytopathology Consultant, Jamaica Cancer Society

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### **Dr. T. Gibson**

- Cytopathology Consultant, Jamaica Cancer Society

### **Professor B. Hanchard**

- Member, Executive Board, International Society of Retrovirology
- Member, Board of Directors, Jamaica Cancer Society.

### **Dr. J. Jaggon**

- Cytopathology Consultant, Jamaica Cancer Society
- Member, Jamaica League Against Epilepsy.

### **Dr. D. Lowe**

- Executive Member, Leukemia CARE

### **Dr. D. McGrowder**

- President, Jamaican Association of Clinical Pathologists
- Vice President, Laboratory Association of Jamaica
- Member, Accreditation Evaluation Committee, Jamaica National Agency for Accreditation (JANAAC).

### **Dr. S. Shirley**

- Cytopathology Consultant, Jamaica Cancer Society
- Reviewer, *West Indian Medical Journal*
- Member, Jamaica National Agency for Accreditation Council (JANAAC) Technical
- Advisory Committee ISO 15189 for Medical Laboratories.

### **Dr. E. Williams**

- Cytopathology Consultant, Jamaica Cancer Society

### **Dr. N. Williams**

- Cytopathology Consultant, Jamaica Cancer Society

**DISTINGUISHED VISITORS TO THE DEPARTMENT**

- **Dr Oyedele Adeyi**, Staff Pathologist & Associate Professor, Department of Pathobiology & Laboratory Medicine, University Health Network, Toronto, Ontario, Canada.
- **Dr. Glenn Taylor**, Paediatric and Perinatal Pathologist, Head, Division of Pathology, Paediatric Laboratory Medicine, The Hospital for Sick Children, Toronto, Canada.

**AWARDS**

- **Professor K Coard** – Award for the “Best Research Publication” in the Faculty of Medical Sciences, at the University of the West Indies, Research Day 2013 Awards Ceremony.
- **Professor B Hanchard** – Jamaica Medical Foundation 2012/2013 Awardee.

## DEPARTMENT OF SURGERY, RADIOLOGY, ANAESTHESIA & INTENSIVE CARE



**Professor Newton Duncan, MBBS, DM (Paediatric Surgery), FACS  
Head of Department**

### **WORK OF THE DEPARTMENT**

The Department of Surgery, Radiology, Anaesthesia and Intensive Care (SURRADIC), the largest clinical department within the Faculty of Medical Sciences, is engaged in the training of under-graduate and post-graduate students, towards the MBBS Degree and Doctor of Medicine (DM) Degrees in Surgery, Radiology, Anaesthesia & Intensive Care and Accident & Emergency Medicine. DM Degrees are offered in the surgical specialties of General Surgery, Orthopaedics, Neurosurgery, Urology, Paediatric Surgery, Cardiothoracic Surgery, Ophthalmology and Otolaryngology.

The CHASE/Carnegie Laboratory which was inaugurated in 2011, has been increasingly utilized for skills training in General Surgery, Dentistry

and Orthopaedics. It has also been used for multi-disciplinary distance conferences. The Department conducted two basic surgical skills courses for undergraduate students and each was oversubscribed.

The Pre-Hospital Emergency Medical Service (PHEMS) programme has embarked on establishing a Bachelors of Science degree in paramedic training. This is being undertaken under the guidance of local faculty including, Drs., Simone French and Shuvra Dasgupta. Overseas support has been received from Professor Stephen Nardozzi of Westchester Community college. PHEMS has applied to become the chapter of the International Trauma Life Support International in Jamaica.

The Department, supported by Jamaica Money Market Brokers Ltd., hosted another well attended 12th William Dennis Memorial Lecture on July 18th 2013 in the Main Medical Lecture Theatre, Faculty of Medical Sciences. The Lecture entitled, “Chronic Non-Communicable Diseases, Alternate Paradigms for Inquiry & Intervention” was delivered by Professor Rainford Wilks. Dr. Carl Bruce, Consultant Neurosurgeon also organised another successful Caribbean Neurosciences Symposium in January 2013 at the Montego Bay Convention Centre and Half Moon Hotel. This was the 11th such conference hosted by the Division of Neurosurgery. This conference is the result of the collaborative work of Professor Ivor Crandon, Drs. Carl Bruce, Dwight Webster, Robert Ramcharan and John Gill. It continues to attract participation from a highly esteemed international faculty.

Over the 2012–2013 academic period, there were notable staff movements which included the following promotions; Dr. Michael McFarlane to the rank of Professor of General surgery, Drs. Joseph Plummer and Mark Newnham to the rank of Senior Lecturer in Surgery, and Drs. Alan Barnett, Ingrid Tennant–Martin and Peter Johnson were awarded Indefinite Tenure. The Department achieved an average teaching score of 4.2 for courses and 4.7 for lecturers when graded on a five-point merit scale. Student feedback was generally positive.

A total of 700 undergraduate and 125 post-graduate students rotated through the Department, undertaking a variety of clerkships or specialist



instruction courses. Also rotating were a wide range of elective students from diverse countries including, China, Germany, United Kingdom and the United States of America. The large intake of undergraduates and post-graduates resulted in increased dependence on non-UHWI teaching sites for assistance with clinical instruction.

Undergraduate performance in the Final MBBS Exams was creditable with 134 of 141 candidates being successful. Four received Honours in Surgery. The Aubrey McFarlane prize for the top performer in Surgery on the Mona Campus was won by Terri-Anne Russell, while Drs. Courtney Litchmore, Monique Thompson and Winston Butler III, shared the General Surgery prize. Post-graduate Degrees were awarded to students in General Surgery (Dr. Joseph Cherian), Otolaryngology (Dr. Kwesi Davis), Orthopaedic Surgery (Drs. A. Ameerally, C. Fletcher, O.Samuels and S. St. Juste) and Radiology (Michelle Walcott-Bremmer, Kevin Palmer and Kialyn Brown). A proposal from the Department of Surgery that the Association of Surgeons in Jamaica (ASJ) run an essay competition, specifically for medical students, was accepted by that body. The winner of the 2013 ASJ Essay Competition was 4th Year medical student Krystal Binns.

## **RESEARCH**

The Department continues to maintain three registries for the following research purposes:

1. The Trauma Registry which contains over 17,000 records provides material for injury-related studies.
2. The Intracranial Tumour Registry, established through the Principal's Fellowship Initiative has over 519 patient records and is a collaborative effort between the Neurosurgery Service, the Section of Radiology and the Department of Pathology.
3. The Colorectal Cancer Registry collects colorectal cancer cases from major sites across the island.

Two members of the Department distinguished themselves by winning highly sought after research grants.

- i. Dr. William Aiken was appointed lead researcher in a Government-funded Men's Health/Prostate Cancer study. The Minister of Health has committed J\$25 million towards this 5-year study.
- ii. Dr. Pierre-Anthony Leake won funding through the University of the West Indies' New Initiative Grant for research on, 'Improving Patient Outcomes with Inguinal Hernioplasty – A Randomized Controlled Trial of Local Anaesthesia versus Local Anaesthesia and Conscious Sedation'. The Grant was approved for J\$1.492 million.

## **PUBLICATIONS**

### **Papers Published (peer review)**

#### **Full papers**

- Graham RPD, Plummer JM, West KA, Williams NP.: Adequacy of lymph node harvesting in colorectal cancer management: improving standards, ensuring quality. *West Indian Medical Journal* 2012; 61(2)134–138.
- McGaw CD, Tennant I, Harding-Goldson H, Cawich S, Crandon IW, Walters CA: Healthcare workers' attitudes and compliance with infection control guidelines in the operating department at the University Hospital of the West Indies. *International Journal of Infection Control* 2012; vol. 8(3)
- Plummer JM, Sheray N, Aronson M, Willaims N, Bharati B, Wharfe G, Pollett A, Gallinger S.: Lynch Syndrome in a predominantly Afrocentric population: a clinicopathological and genetic study. *Can. J Surg.* 2012; 55(5):294–300.
- Dasgupta S, French S, Williams-Johnson J, Hutson R, Hart N, Wong M, Williams E, Espinosa K, Maycock C, Edwards R, McCartney T, Cawich S, Carndon IC.: EMS response to an airliner crash. *Prehospital and Disaster Medicine* 2012;27 / 299–302.

- **N. Hart, Dasgupta S, Williams EW, Williams-Johnson J:** Twenty-four Hour Trauma Team at the University Hospital of the West Indies, Kingston, Jamaica – The Time is Now. *West Indian Medical Journal.* 2012; 61 (3): 211–212b.
- **Thomas M, Tennant I, Augier R, Gordon-Strachan G, Harding H:** The Role of Pre-induction Ketamine in the Management of Postoperative Pain in Patients undergoing Elective Gynaecological Surgery at the University Hospital of the West Indies. *West Indian Medical Journal.* 2012; 61 (3): 224–229.
- **Newnham M, Brown H, Martin AC, Plummer JM, Mitchell DIG, Cawich SO:** Management of Breast Abscesses in Jamaican Women: Is there Need for a Paradigm Shift? *West Indian Medical Journal.* 2012; 61 (3): 245–248.
- **Campbell J, Jaggon JR, Johnson P, Bruce C, Eldemire-Shearer D:** The Establishment of an Intracranial Tumour Registry at the University Hospital of the West Indies. *West Indian Medical Journal.* 2012; 61 (3): 254–257.
- **Vincent M, Abel C, Duncan N:** Penetrating Ano-rectal Injuries in Jamaican Children. *Pediatric Surgery International.* 2012; 28: (11): 1101–7.
- **Ritch C, Aiken W, Mayhew R, Morrison B et al:** Pathological Outcome and Biochemical Recurrence Free Survival following Radical Prostatectomy in African American, Afro Caribbean (Jamaican) and Caucasian Men: An International Comparison. *British Journal of Urology.* 2012. doi: 10.1111/j.1464-410X.2012.11540.x.
- **Crossman G, Mowatt L, Jaggon J:** Sebaceous Gland Hyperplasia of the Caruncle: An Uncommon Disease. *Graefes Arch Exp Ophthalmol.* 2012 Dec. 29.
- **Scott C, Antoine C, Scarlett M, Irvine R:** The Provision of Surgical Care for Children with Cardiac Disease: The Jamaican Experience – An 18 year Review. *West Indian Medical Journal.* 2012; 61(4). 365–368.

- Christie CDC, **Duncan ND**: Rotavirus Vaccine Trial in Jamaica. *West Indian Medical Journal*. 2012; 61(4). 405–407.
- **Williams-Johnson J, William EW, Dasgupta S, French S, Hutson R, Hart N, Sammy I, McDonald A**: Health Impact of Research in Emergency Medicine – Moving Forward in the Field. *West Indian Medical Journal*. 2012; 61(4). 447–451.
- **Scarlett MD, Crawford-Sykes A, Harding HE, Chen DR**: The Development of Postgraduate Anaesthesia and Intensive Care Training at The University of the West Indies. *West Indian Medical Journal*. 2012; 61(4). 463–466.
- Dan D, Naraynsingh V, **Cawich S, Jonnalagadda R**: The History of Laparoscopic General Surgery in the Caribbean. *West Indian Medical Journal*. 2012; 61(4). 467–471.
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- **Plummer JM, Mitchell DI, Ferron-Boothe D, Meeks-Aitken N, Reid M**: Colonoscopy in Central Jamaica: Results and Implications. *West Indian Medical Journal*. 2012; 61(6). 610–614.
- **Leake P-A, Qureshi A, Plummer J, Okrainec A**. Minimally Invasive Surgery Training in the Caribbean – a survey of General Surgical Residents and their Trainers. *West Indian Medical Journal*. 2012; 61(7): 708–715.
- **Mowatt L, Crossman G**. Orbital Lymphangioma in a child: a diagnostic dilemma. *West Indian Medical Journal* 2012; 61(7): 764–766.

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- **West W, James K, Brady-West D.**: Ultrasound Detected Asymptomatic Cholelithiasis: An Age-based Protocol for Management. *West Indian Medical Journal* 2012; 61(9): 903–906.
- **Cawich SO, Albert M, Mohanty SK.**: Laparoscopic cholecystectomy using standard instruments through a single umbilical incision: feasibility in Jamaica. *West Indian Medical Journal* 2013; 62(1): 1
- Vincent MV, **Duncan ND**: Post-Swenson’s recto-urethral fistula repair using the posterior sagittal route. *Journal of Pediatric Surgery Case Reports* 2013; 1: 136–8 (DOI: 10. 1016/j.epsc.2013.05.002)
- Vincent MV, **Duncan ND**: Gastroesophageal reflux and reflux strictures in children with Cornelia de Lange syndrome. *West Indian Medical Journal* 2013; 62 (2): 167–70.

### Abstracts

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- **Mowatt L.**: Updates in the management of cystoid macular oedema. *West Indian Medical Journal* . 2012; 61 (Suppl. 5):27.
- **Calder D.**; My experience with Bevacizumad. *West Indian Medical Journal* . 2012; 61 (Suppl. 5):28
- **Calder D.**: Wing mirror injuries. *West Indian Medical Journal* 2012; 61 (Suppl. 5):34.
- **Mowatt L**; Heavy oil: a new generation of intraocular tamponade agents in vitreo-retinal surgery. *West Indian Medical Journal* 2012; 61 (Suppl. 5):35
- Edwards L, Pearce N, Abu-Hilal M, **Cawich SO**: Metastatic Neuroendocrine Tumours: A Review – *Neuroendocrinol.* 2012; 95 .0 (s1): 9 (c30).

- **Morrison B**, Reid M, Madden W, Feng Z, Burnett A.: Testosterone deficiency is a possible risk factor for priapism associated with sickle cell disease. *West Indian Medical Journal*. May 2012; 62(Suppl. 2):18
- **Aiken WD**, Jones K, James K.: Rural-Urban differences in the clinic-pathologic profiles of Jamaican men with prostate cancer: a comparative retrospective case series. *West Indian Medical Journal*. May 2013; 62(Suppl.3):29.
- Chand V, **Plummer JM**, **McFarlane ME**, **Powell LP**, Brady-West D, Chung S, Tulloch K, Leake PA.: A case of combined laparoscopic cholecystectomy and splenectomy in Jamaica. *West Indian Medical Journal*. May 2013; 62(Suppl. 3):7.
- Vincent M, **Duncan N.**: Penoplasty – not circumcision – for repair of buried penis. *West Indian Medical Journal*. May 2013; 62(Suppl. 3):9.
- **Aiken W.**; Screening for prostate cancer: a Caribbean imperative. *West Indian Medical Journal*. May 2013; 62(Suppl .3):10.
- Wilson C, Simpson LK, Baker A, **Cawich SO.**; Starting a laparoscopic service in a rural community hospital – challenges and successes. *West Indian Medical Journal*. May 2013; 62(Suppl 3):12.
- **Johnson PB**, **Shah S**, **Cawich SO**, Gardener MT, **Roberts P**, **Gordon-Starchan G**, Pearce NW: Anatomic variants of the arterial supply to the liver in Jamaican patients. *West Indian Medical Journal*. May 2013; 62(Suppl. 3):14.
- Vincent M, **Duncan ND.**: Use of interrupted sub-cuticular sutures for circumcision in boys – a preliminary report. *West Indian Medical Journal*. May 2013; 62(Suppl. 3):14.
- **Leake PA**, **Roberts PO**, Pitzul K, **Plummer JM.**: Should delayed cholecystectomy following acute cholecystitis be discouraged in a resource-constrained environment? *West Indian Medical Journal*. May 2013; 62(Suppl. 3):15.

- **Brown H.:** Venous thromboembolism: toward the endovascular solution. *West Indian Medical Journal*. May 2013; 62(Suppl. 3):15.
- **Cawich SO, Abu-Hilal M, Simpson LK, Pearce NW.:** Training surgeons in a modern laparoscopic era. *West Indian Medical Journal*. May 2013; 62(Suppl 3):18.
- **Simpson LK, Cawich SO, Aitken R, Morris CH, Josephs A, Williams N, Vascianna CA, Thomas J.;** Laparoscopic Heller myotomy in Jamaica. *West Indian Medical Journal* May 2013; 62 (Suppl 3):18.
- **Roberts P, Gibson T, Scott S, Plummer JM, Leake PA, Johnson A, Lynch O, DeSouza T, Reid M.:** Pathologic factors affecting gastric cancer survival at the University Hospital of the West Indies. *West Indian Medical Journal*. May 2013; 62(Suppl. 3):19.
- **Wilson C, Baker, Simpson LK, Cawich SO.:** Post-cholecystectomy syndromes: a series of completion cholecystectomies. *West Indian Medical Journal*. May 2013; 62(Suppl 3):20.
- **Morrison, B.:** Establishing a male health clinic in sickle cell disease. *West Indian Medical Journal*. May 2013; 62(Suppl. 3):20.
- **Plummer JM.:** Cancer screening and the general surgeon: a review of current evidence. *West Indian Medical Journal* 2013; 62 (Suppl 4): 14.
- **Crandon IW.:** An overview of spinal cord injuries. *West Indian Medical Journal* 2013; 62 (Suppl 4): 16.
- **Rose REC.:** Management of open fractures: updates. *West Indian Medical Journal* 2013; 62 (Suppl 4): 16.
- **Aiken W.:** Screening for prostate cancer: a Caribbean imperative. *West Indian Medical Journal* 2013; 62 (Suppl 4): 16–17.
- **Wilson C, Simpson LK, Baker A, Cawich SO.:** Starting a laparoscopic service in a rural community hospital – challenges and successes. *West Indian Medical Journal* 2013; 62 (Suppl 4): 19.
- **Aiken WD, Coard KC, Bennett FL, Simpson-Smith CM, Tulloch-Reid MK, McFarlane-Anderson N, Tulloch T, Wan RL, Mayhew**

**R, Morrison BF**, Paul TJ, Jackson MD.: The influence of sexual behavior, sexually transmitted infections and condom use on prostate cancer risk in Jamaican men: a case-control study. *West Indian Medical Journal* 2013; 62 (Suppl 4): 19–20.

- Vincent MV, **Duncan ND**.: Use of interrupted subcuticular sutures for circumcisions in boys: a preliminary report. *West Indian Medical Journal* 2013; 62 (Suppl 4): 20.
- **Cawich SO**, Pearce NW, Abu-Hilal M.: Training for hepatobiliary surgery in the modern laparoscopic era. *West Indian Medical Journal* 2013; 62 (Suppl 4): 24–25.
- **Cawich SO**, Johnson PB, **Shah S**, Gardner MT, Roberts P, Gordon-Strachan G, Pearce NW.: Variants of hepatic arterial supply in a Caribbean population. *West Indian Medical Journal* 2013; 62 (Suppl 4): 31–32.
- **Plummer JM**, **Leake PA**, **Roberts PO**, Pitzul K.: Should delayed cholecystectomy following acute cholecystitis be discouraged in a resource-constrained environment? *West Indian Medical Journal* 2013; 62 (Suppl 4): 36.
- Josephs AM, Mohanty SK, Simpson LK, **Cawich SO**.: Acute cholecystitis: feasibility of an emergent laparoscopic approach in a Caribbean nation. *West Indian Medical Journal* 2013; 62 (Suppl 4): 36.

**Abstracts (posters):**

- Sherwood-Wallace K, Frankson MA, **Mansingh A**.: Taping matters: the effects of Kinesio taping compared with rigid taping on pain levels during a functional step-down test in athletes with patellofemoral pain syndrome. *West Indian Medical Journal*. May 2013; 62(Suppl 2):66.
- **McLennon N**, **Crandon IW**, **Cawich SO**, **Harding HE**.: Clinical profile of pituitary tumours in Jamaica. *West Indian Medical Journal* 2013; 62 (Suppl 4): 49.



- **Cawich SO, Tennant I, McGaw CD, Harding HE, Walters CA, Crandon IW.:** Infection control practice in the operating room: staff compliance with existing policies in a developing country. *West Indian Medical Journal* 2013; 62 (Suppl 4): 50.
- **Islam S, Harnarayan P, Cawich SO, Budhooram S, Bheem V, Mahabir V, Ramsewak S, Aziz I, Naraynsingh V.:** Epidemiology of diabetic foot infections in an eastern Caribbean population: a prospective study. *West Indian Medical Journal* 2013; 62 (Suppl 4): 50.
- **Cawich SO, Rose REC, Harding HE, Isaacs M, Crandon IW.:** Extremity injuries from motorcycle road traffic accidents: the experience from a tertiary referral hospital in Jamaica. *West Indian Medical Journal* 2013; 62 (Suppl 4): 51
- **Ameeraly A, Palmer W.:** Shoulder arthroscopy for recurrent anterior shoulder dislocation in Jamaica. *West Indian Medical Journal* 2013; 62 (Suppl 4): 51.
- **Vincent MV, Duncan ND.:** Closure of recto-urethral fistulas using a combined abdominal and posterior sagittal approach. *West Indian Medical Journal* 2013; 62 (Suppl 4): 51–52.
- **McLennon N, Simpson L, Aitken R, Cawich SO, Harding HE.:** Sub-labial parasseptal trans-sphenoidal approach to excise pituitary tumours at the University Hospital of the West Indies, Jamaica. *West Indian Medical Journal* 2013; 62 (Suppl 4): 52–53.
- **Josephs A, Simpson L, Aitken R, Cawich SO.:** Paget’s disease of the breast: is a mastectomy still the recommended treatment of choice? *West Indian Medical Journal* 2013; 62 (Suppl 4): 53.

#### **Video Presentation**

- **Plummer JM, Chand V, McFarlane M, Powell LP.:** A case of combined laparoscopic cholecystectomy and splenectomy in Jamaica. *West Indian Medical Journal* 2013; 62 (Suppl 4): 40.

**PAPERS PRESENTED**

- *Bethune Round Table Conference, Vancouver, Canada, May 2013.*
  - Integrating Surgical Care Initiatives with National Health Care Priorities, Implications for Academic Institutions in Resource Restricted Countries – **Professor I. Crandon**

**Others**

- *The American College of Obstetricians and Gynaecologists Annual Clinical Symposium, September 1, 2012, The Knutsford Court Hotel.*
  - Male factor infertility – **Dr. W. Aiken**
- *The Caribbean Sports Medicine Conference, September 8–9, 2012, Main Lecture Theatre, UWI.*
  - Dynamics and development of athletic potential – **Dr. A. Mansingh**
- *Prostate Cancer Medical Symposium 2012, September 9, 2012, The Knutsford Court Hotel.*
  - Aetiology and epidemiology of prostate cancer – **Dr. B. Morrison**
  - Screening, diagnosis and staging of prostate cancer – **Dr. W. Aiken**
- *The University of the West Indies in association with the Ophthalmological Society of Jamaica. Main Lecture Theatre, FMS. September 23, 2012.*
  - Causes of Sudden Painless Loss of Vision – **Mowatt L.**
  - Diabetes and the Eye – **Mowatt L.**
- *Combined Scientific Meeting of The Caribbean Association of Orthopaedic Surgeons and the J Robert Gladden Orthopaedic Society; Barbados. October 4–6, 2012.*
  - The Ilizarov method in infected non-union of long bone: **Rose REC.**
- *The Caribbean Urological Association Annual Conference (CURA). Meeting. Nassau, Bahamas. October 2012.*

- Current state of prostate cancer treatment in Jamaica: **Morrison B.**
- *African Caribbean Cancer Consortium. Bahamas. October 2012.*
  - Results of a large scale screening clinic in Jamaica: **Morrison B.**
- *Faculty of Medical Sciences UWI Mona, 21st Annual Research Conference. November 7–9, 2012.*
  - The pathological factors affecting gastric cancer survival at the University Hospital of the West Indies: **Roberts P**, Gibson T, Hanchard B, Scott S, **Plummer J**, **Leake PA**, Johnson A, Lynch O, Reid M.
  - The operating characteristics of trans-rectal ultrasound alone in diagnosing prostate cancer in Jamaican men: a retrospective case series: **Aiken WD**, Ritch M, **Morrison BF.**
  - Testosterone replacement therapy does not promote priapism in hypo-gonadal men with sickle cell disease: twelve month safety report: **Morrison BF**, Reid M, Madden W, Burnett AL.
  - A Study of physician knowledge of cardiopulmonary resuscitation guidelines and their current certification status at the University Hospital of the West Indies (UHWI), Kingston, Jamaica: Howell P, **Tennant-Martin I**, **Augier R**, Gordon-Strachan G, **Harding H.**
  - Evaluating potential barriers to advancement of laparoscopy in Jamaica: attitudes in operating theatre: Cherian CJ, Wilson C, Baker A, **Cawich SO**, Lloyd C, Thomas C.
- Laparoscopic inguinal herniorrhaphy: outcomes of 103 consecutive repairs: Felix O, Cawich SO, Simpson LK, Issacs MS, **Roberts P**, **Johnson PJ**, **Shah S**, **Williams EW**, **Harding HE.**
  - The efficacy of lumbar epidural steroid injection in the treatment of low back and lumbar radicular pain at the University Hospital of the West Indies: Dawson PUA, **Crandon I**, **McDonald A.**
- *Kidz Klinik. Kingston, Jamaica. November 10, 2012.*
  - “Orthopaedic Gems”: **Rose REC.**

- *Weill Cornell Medical College, (3 Day Course) New York City, December 13–15, 2012.*
  - Surgical Approaches to the Skull Base: **Bruce C.**
- *Barrow Neurological Institute, Spinal Biomechanics. Institute for Modern and Innovative Surgery. Fort Lauderdale.*
  - Biomechanics of Constructs utilizing Pedicle Screws, Facet Screws, and Spinous Process Plates after Transforaminal Lumbar Interbody Fixation (TLIF): **Bruce C et al.**
  - Biomechanics of Lumbar Lateral Interbody Fixation Augmented with Pedicle Screws, Facet Screws, or Spinous Process Plate: **Bruce C et al.**
  - Biomechanics of Spinous Process Plating with and without Lateral or Transforaminal Interbody Cage at L4-5. **Bruce C et al.**
  - Biomechanics of Stand-Alone Lateral Interbody Fixation at L4-5 and L5-S1: **Bruce C et al.**
  - Biomechanics of Posterior Lumbar Fixation after Unilateral L4-L5 Facetectomy and TLIF: **Bruce C et al.**
- *11th Annual Caribbean Neurosciences Symposium & Workshop, Half Moon Resort, Rose Hall, Montego Bay, January 24–27, 2013.*
  - Evolution of Transphenoidal Surgery – **Professor Ivor Crandon**
  - Surgical Oncology – **Dr Patrick Roberts**
  - Medical Tourism – **Dr. Pierre Anthony Leake**
  - Development in Perioperative Medicine – **Dr. P. Jason Toppin**
  - Patient Controlled Anaesthesia: What role? – **Dr. Kelvin Metalor**
  - CABG – The Gold Standard of Myocardial Revascularization – **Dr Joseph Blidgen**
  - Endovascular Therapies in AAA – **Dr. Hilary Brown**
  - The Role of Screening in Preventing Advanced Breast Cancer – **Dr Derria Cornwall**

- Evolution of LES Exposure Surgery – **Dr. Joseph Plummer**
- Interbody fusion: Open versus MIS – **Dr Franz Pencle**
- How to Get Your Best bony Fusion – **Mr Kenneth Vaughn**
- Setting up an Outpatient Surgery Centre in Jamaica – **Dr Ladi Doonquah**
- What can the optic disc tell you? – **Dr. Lizette Mowatt**
- The Extended Transphenoidal Approach – **Dr. Carl Bruce**
- *University of the West Indies Mona, Annual Research Conference. February 7–8, 2013.*
  - A Case Study on the Cost of Trauma in the ICU: **Toppin PJ.**
- *Jamaica Cancer Society, Colon Cancer Medical Symposium 2013, Basic Medical Sciences Complex, Mona Campus, March 10, 2013.*
  - Colon cancer before age 50: does a 30year old with PR bleed really need a colonoscopy? – **Dr. J. Plummer**
  - Surgery and Chemotherapy- What Hope Exists? – **Dr. P. Roberts**
- *Jamaica Emergency Medicine Association 13th Annual Conference, The Jamaica Pegasus Hotel, April 7, 2013.*
  - Pill popping: a portentous problem – **Dr. R. Hutson**
  - Deaths in the emergency room within 24 hours – **Dr. E. Williams**
  - Expectation vs duty: liability for deaths and deterioration while waiting to be seen – **Dr. A. Barnett**
  - Tetanospasmin: a neurotoxin that demands respect – **Dr. J. Williams-Johnson.**
- *Medical Association of Jamaica Symposium 2013, The Jamaica Pegasus Hotel, June 2–9, 2013.*
  - Acromegaly – **Dr. C. Bruce**
  - Modern management of gall bladder disease in the Caribbean – **Dr. S. Cawich**

- *Faculty of Medical Sciences UWI Mona, 21st Annual Research Conference. November 7–9, 2012.*

**Poster:**

- Return to sports and functional outcome after primary anterior cruciate ligament reconstruction in Jamaica: **Palmer W**, Crichlow A, **Mansingh A**.
- Exposure to cricket and its popularity among Trinidadian school boys: **Mansingh A**, Senath B, **Palmer W**, Singh P.
- Causes of death within the first 24 hours of admission to an urban department: **Williams EW**, **Williams-Johnson J**, Rhudd A, Hibbert R, Dasgupta S, Strachan G, **French S**, **Hutson R**, Hart N.
- Botulinum toxin type ‘a’ and phenol injection for the treatment of spasticity: Dawson PUA, **Crandon I**, **McDonald A**, McNaught-Mitchell M, Stephenson G.
- Traumatic brain injury patients at the University Hospital of the West Indies: Dawson PUA, **Crandon I**, **McDonald A**, McNaught-Mitchell M, Stephenson G.
- The impact of trans-thoracic ultrasound on cardiac injuries: not ready for time: **Plummer JM**, Condell M, **Ferron-Boothe D**, **Leake PA**, **Johnson P**, **McDonald AH**.
- The annual cumulative incidence of breast cancer and distribution across parishes in Jamaica: Grindley BA, **Mitchell DIG**, Wilks RJ, Gordon-Strachan, **Crandon IW**.
- Childhood malignancies in Jamaica: Grindley BA, Wilks RJ, **Mitchell DIG**, Gordon-Strachan G, **Crandon IW**.
- The incidence of emergence delirium and associated risk factors following the use of sevoflurane in paediatric patients presenting for day case surgery at the Bustamante Hospital for Children: Gooden E, **Tennant I**.
- Number and cost of CT scans of the brain to evaluate the clinical diagnosis of acute stroke during a six month period at the UHWI: **West W**, Forbes-Chung A, Singh M.

- Evaluation of waiting times and sonographic findings in patients with first trimester vaginal bleeding at the University Hospital of the West Indies. Can Emergency department sonography make a difference? **French S, Henry T, Williams EW.**
- Cancers and the surgeon: **Plummer J.**

## **PUBLIC SERVICE**

### **Dr. Alan Barnett**

- Chair, Ethics Committee, MAJ

### **Dr. Carl Bruce**

- Member, Strategic Planning and Development Sub-Committee UHWI
- Enterprise Risk: Management Committee UHWI
- Construction and Equipment Project Monitoring Committee UHWI
- Board of Management, UHWI
- Health Insurance Plan Committee UWI
- Board of Management, Mona Institute of Medical Sciences UWI
- Executive Member, Jamaica Athletics Administrative Medical and Anti-Doping Commission
- Scientific Chairman, Caribbean Neurosciences Symposium
- Course Director, Caribbean Neurological Association Spine Workshop
- Manchester High School Sports Committee
- Brain Tumor Registry UWI
- Seminar Organiser and Faculty Member of AOSpine International Kingston Course

### **Professor Ivor Crandon**

- Member – Appeal Panel of the Jamaican Anti-Doping Commission Ministry of Local Government, Community Development & Sports
- Director, Bio-Tech Research & Development Institute

**Dr. Rhonda Hutson**

- Executive member, Jamaica Association of Sports Medicine

**Dr. Jean Williams Johnson**

- Executive member, Caribbean Poison Information Centre (CARPIN)
- Executive member, Jamaica Association of Sports Medicine (JASM)

**Dr. Lizette Mowatt**

- President, Ophthalmological Society of the West Indies (OSWI)
- Vice President, Ophthalmological Society of Jamaica (OSJ)
- Member of the Board of Directors, Pan American Association of Ophthalmologists (PAAO)
- Member, Ophthalmic Women Leaders (OWL)
- Member, National Council of Continuing Medical Education (NCCME)
- National Health Fund (NHF) Expert Panel of Physicians (Ophthalmology)
- Chairperson, Vision 2020 Main Advisory Panel (Ministry of Health)
- International Ophthalmologist Education Award (American Academy of Ophthalmologists, AAO)

**Dr. Wayne Palmer**

- Manager of the Jamaica Cycling Federation's Team to the Southern Games in Trinidad,
- President, Jamaican Orthopaedic Association

**Dr. Praimanand Singh**

- President, Jamaica Association of Sports Medicine (JASM)
- Executive member, Jamaica Olympic Association

**Dr. P.J. Toppin**

- Medical Director and staff advisor to UWISERT (UWI Student Emergency Response Team)



**Dr. Hugh Vaughan**

- Conference Planning committee member, Ophthalmological Society of Jamaica
- Member, National Health Fund (NHF) Expert Panel of Physicians (Ophthalmology)
- Member, MSD International Advisory Board
- Dr. Ena Thomas Memorial Trustee
- Resource person, Jamaica Society for the Blind
- Member of the Board of Governors, Kingston College
- Choir Committee, Kingston College

**Dr. Eric Williams**

- Volunteer Doctor for National Children Home

**Professor Newton D Duncan**

- Council Member, Association of Surgeons in Jamaica
- Member, Board of Management, Mona Institute of Medical Sciences

## THE UWI SCHOOL OF NURSING (UWISON), MONA



**Joanna Bennett, PhD, BA (Hons) RN, RM**  
**Head of School**

### **WORK OF THE SCHOOL**

The academic year 2012/2013 was a challenging one for the School of Nursing but amidst these challenges there were significant achievements in line with the School's Strategic Plan, which is in the final year. The year was highlighted by a number of accomplishments that allowed us to further strengthen the identity and image of the School as the leader in nursing education nationally and regionally. Some of the School's accomplishments are highlighted within the areas of teaching and learning, research an innovation, staff development and infrastructural development and facilities.

## **TEACHING AND LEARNING**

A meaningful student experience is central to the School's mission. The main strategic objective of a complete curriculum review of the BScN and MScN programmes to ensure adherence to local, regional and international standards and responsiveness to contemporary developments in healthcare was achieved. The 1st clinical year of the 4 year BSc programme was delivered successfully and despite some logistical issues the students were fitted with a modernised version of the nursing students' uniform; designed by one of the nursing students. This is the first change in uniform design since the inception of the University Hospital School of Nursing, which evolved into the UWI School of Nursing.

An external consultant was commissioned to review the Masters programmes and develop a framework for existing and proposed new programmes that ensures courses are current, meet local and regional needs, are comparable with international standards and that strengthens the research component of all Master's programmes within the School. Two additional students have enrolled into the PhD programme, bringing the total to five.

To ensure effective clinical training, the School continues to strengthen its relationships with health care partners and other educational institutions. Many affiliations, with hospitals, long-term care facilities, rehabilitation and community health centres, and international academic institutions, continue to contribute significantly to the education of students.

## **RESEARCH AND INNOVATION**

As a relatively new academic discipline, research is one of the main areas targeted for development of capacity. Further, maintaining a close link between research, and classroom and clinical training, remains a constant concern. A major emphasis has been given to enhancing the School's research infrastructure. The students and research assistants have become key members of the School's research community. This approach has

resulted in a significant improvement in both academic staff and graduate students' contribution to research, conference presentations and the number of peer-reviewed publications. However, this is still an area for major improvement.

Other areas of significant success were the hosting of a 2-day conference, and the launch of the *Caribbean Journal of Nursing*. The Journal is an Open Access, online publication. This is a significant achievement for the School as this is the first Nursing Journal in the Caribbean Region.

It is the final year of the 2010–2013 Strategic Plan, which had set out a vision for the development of the School during the tenure of the new Head of School. Analysis of the strategic objectives and goals set out in the Plan shows that approximately 80% were achieved within the stipulated timeframe of 3 years. We are particularly pleased and very proud of our achievements over the last 3 years, particularly launching the first *Nursing Journal* in the Caribbean Region.

#### **PAPERS PRESENTED**

- Marshall, S., Aiken, J. & Lindo, JLM. “Job satisfaction and absenteeism among registered nurses at a Jamaican Hospital”. Faculty of Medical Sciences Annual Research Conference. November 2012.
- Aiken, J., Lindo, JLM., Holder-Nevins, D., Pounall, V., Thomas, M., Baker-Reid, C. & Ward, E. “Lateral Violence in Nursing: The Experience in Two Urban Hospitals in Jamaica”. The 3rd International Conference on Violence in the Health Sector: Linking local initiatives with global learning. Vancouver, Canada. October 24–26, 2012.
- Anderson-Johnson, P. & Nelson, J. “Testing a model of clarity of self, role and system as predictors of job satisfaction of nurses in Jamaica”. Sigma Theta Tau’s 23rd International Nursing Research Congress. Brisbane, Australia. July 29–August 3, 2012.
- Barton-Gooden, A., Dawkins, P. & Bennett, J. “Physical restraint usage at a teaching hospital: A pilot study”. The 23rd Annual

Nursing and Midwifery Conference and 24th Annual Mary Seivwright Day, The UWI School of Nursing, Mona Campus, Kingston, Jamaica, May 30–31, 2013.

- Kahwa, E., **Hepburn Brown**, C., Rae, T., Aiken, J., Atkinson, U., Dawkins, P., Edwards, N. & Roelofs, S. “Nurses’ Engagement in HIV and AIDS Research and Workplace Policy Development in Jamaica”. The 23rd Annual Nursing and midwifery Research Conference and 24th Mary J. Seivwright Day. The UWI School of Nursing, Mona, May 30–31, 2013.
- **Kahwa**, E., Atkinson, U., Dawkins, P., Aiken, J., Hepburn Brown, C., Rae, T., Edwards, N. & Roelofs, S. “Perspectives of nurses and decision makers on the impact of the HIV/AIDS epidemic on the nursing workforce”. The 23rd Annual Nursing and Midwifery Research Conference and 24th Mary J. Seivwright Day. The UWI School of Nursing, Mona, May 30–31, 2013.
- Davison, CM, **Kahwa**, E., Edwards, N., Atkinson, U, Susan Roelofs, S., Hepburn-Brown, C., Aiken, J., Dawkins, P., Rae, T. & MacFarlane, D. “Ethical Challenges and Opportunities for nurses in HIV and AIDS Community-Based Participatory Research in Jamaica”. Global Health Research Initiative: Teasdale Corti Program Symposium. Marriot Hotel, 100 Kent St. Ottawa, Ontario, Canada. October 1–3, 2012.
- Edwards, N., Kaseje, D., **Kahwa**, E., Roelofs, S., Webber, J. & Mill, J. “Strengthening Nurses Capacity for HIV Policy Development in Sub-Saharan Africa and the Caribbean”. Global Health Research Initiative: Teasdale Corti Program Symposium. Marriot Hotel, 100 Kent St. Ottawa, Ontario, Canada. October 1–3, 2012.
- Edwards, N., Kaseje, D. & **Kahwa**, E. “Lessons and Experiences in Capacity Building”. Global Health Research Initiative: Teasdale Corti Program Symposium. Marriot Hotel, 100 Kent St. Ottawa, Ontario, Canada. October 1–3, 2012.
- **Kahwa** E. “Leadership hubs as an innovative strategy for enabling nurses and midwives in sub-Saharan Africa and the Caribbean to

contribute to HIV/AIDS policy development”. Second Global Symposium on Health Systems Research. Beijing, China October 31–November 3, 2012.

- **Kahwa, E.**, Atkinson, U., Dawkins, P., Aiken, J., Hepburn Brown, C., Rae, T., Edwards, N. & Roelofs, S. “Perspectives of nurses and decision makers on the impact of the HIV/AIDS epidemic on the nursing workforce”. Ministry of Health 3rd Annual National Health Research Conference, Jamaica Pegasus Hotel, Kingston, Jamaica, November 22–23, 2012.
- Rae, T., Atkinson, U., Mill, J., **Kahwa, E.**, Roelofs, S., Edwards, N. & Hepburn –Brown, C. “Nurses’ experiences of stigma in HIV and AIDS care in Jamaica”. Ministry of Health 3rd Annual National Health Research Conference, Jamaica Pegasus Hotel, Kingston, Jamaica, November 22–23, 2012.
- **Kahwa, E.**, Aiken, J., Atkinson, U., Dawkins P., Hepburn-Brown, C., Rae, T., Roelofs, S & Edwards, N. (2012). Leadership hubs: Dynamic Collaborations to Engage Nurses in Strengthening the Health Care System for HIV and Aids Care in Jamaica Ministry of Health, 3rd Annual National Health Research Conference, “Health Systems Strengthening” Jamaica Pegasus Hotel, Kingston, Jamaica, November 22–23, 2012.
- Aiken, J., **Lindo, JLM.**, Nevins, D., Pounall, V., Thomas, M., Baker-Reid, C., & Ward E. Lateral Violence in Nursing: The experience in two urban hospitals in Jamaica”. Third International Conference on Violence in the Health Sector Linking local initiatives with global learning, Vancouver-Canada, October 24–26, 2012.
- **Lindo, JLM.**, Nevins, D., Aiken, J., Pounall, V., Thomas, M., Reid-Baker, C., & Ward E. “Strategies for the mitigation of workplace violence in a Jamaican hospital”. Third International Conference on Violence in the Health Sector Linking local initiatives with global learning, Vancouver-Canada , October 24–26, 2012.
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  - Davis, N., **Lindo, JLM.**, Parada Webster, L., Bennett, J. “Registered nurses’ views on nursing shortage at a type “b” hospital in Jamaica”. Ministry of Health Jamaica, 3rd Annual National Research Conference, Jamaica Pegasus Hotel, Kingston, Jamaica, November 22–23, 2012.
  - Douglas, H., Dawkins P., **Lindon JLM**, Bennett J. “Factors contributing to absenteeism among registered nurses and midwives”. Ministry of Health Jamaica, 3rd Annual National Research Conference, Jamaica Pegasus Hotel, Kingston, Jamaica, November 22–23, 2012.
  - Riley-McHugh, D., Hepburn-Brown, C., **Lindo, JLM.**, Kahwa, E. “Schizophrenia: Its Psychological Effects on Family Care Givers. *Oral Presentation* at the 2013 RPNC World Congress for Psychiatric Nurses, Winnipeg, Manitoba Canada, May 2–4, 2013.
  - **Rae, T.**, Atkinson, U., Mill, J., Kahwa, E., Roelofs, S., Edwards, N. & Hepburn–Brown, C. “Nurses’ experiences of stigma in HIV and

AIDS care in Jamaica”. The 23rd Annual Nursing and Midwifery Research Conference and 24th Mary J. Seivwright Day. The UWI School of Nursing, Mona, May 30–31, 2013.

- **Wright-Myrie, D.**, Reid, M. “Antioxidant intake in sickle cell disease”. The 23rd Annual Nursing and Midwifery Conference and 24th Annual Mary Seivwright Day, The UWI School of Nursing, Mona Campus, Kingston, Jamaica May 30–31, 2013.

### POSTER PRESENTATIONS

- **Aiken, J., Dawkins P., & Balachandar B.** “Workplace Stress in Nursing Faculty in Jamaica’. IDRC/Teasdale Corti Conference in Ottawa Canada, October 2012.
- Eugene V, **Aiken J**, Campbell K, Kahwa E. “Knowledge of hypertension and self-care practices among patients with hypertension at the University Hospital of the West Indies Hypertensive Clinic”. Faculty of Medical Sciences Annual Research Conference, November 2012.
- Rhoden, T., Campbell K ., **Aiken, J., Lindo, JLM., Kahwa E.** “Self-efficacy and perceived factors associated with readmission of hypertensive patients on the medical wards at the Kingston Public Hospital”. *West Indian Medical Journal* 61 (Suppl. 6)
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Health, 3rd Annual National Health Research Conference, “Health Systems Strengthening” Jamaica Pegasus Hotel, Kingston, Jamaica, November 22–23, 2012.

- Buchanan, J., Dawkins, P., Lopez, S., Lindo, JLM. & Kahwa E. “Patient satisfaction with nursing care in the Emergency Department of the University Hospital of the West Indies”. The 23rd Annual Nursing and Midwifery Conference and 24th Annual Mary Seiwright Day, The UWI School of Nursing, Mona Campus, Kingston, Jamaica. May 30–31, 2013.
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- Kahwa E., J. Aiken, U. Atkinson, P. Dawkins, C. Hepburn-Brown, T. Rae, S. Roelofs, N. Edwards. (2012) Leadership Hubs: Dynamic Collaborations to Engage Nurses in Strengthening the Health Care Systems for HIV/AIDS Care in Jamaica. Ministry of Health, 3rd Annual National Health Research Conference, “Health Systems

Strengthening” Jamaica Pegasus Hotel, Kingston, Jamaica, November 22–23, 2012.

- McBean-Graham, M., **Lindo, JLM.**, Kahwa, E. “Factors associated with stress in the clinical settings among second year student nurses from two schools in Jamaica”. *West Indian Medical Journal* 61 (Suppl. 6)
- **Lindo, JLM**, Holder-Nevins, D., **Dover Roberts, D.**, **Dawkins, P.**, **Anderson-Johnson, P.**, **Bennett, J.** “Building research capacity among graduate students using action research at a school of nursing in Jamaica”. *West Indian Medical Journal* 61 (Suppl. 6)
- Foster J., **Hepburn-Brown, C.**, **Lindo, JML.** & **Kahwa, E.** “Prevalence and Factors Associated with Depression Among Adult HIV Positive Clients Attending the HIV/AIDS Clinic in a Type V Facility in Jamaica”. RPNC World Congress for Psychiatric Nurses, Winnipeg, Manitoba Canada, May 2–4, 2013.
- Knight-Madden, J., **Barton-Gooden, A.**, **Weaver, S.**, Reid, M., Greenough, A. “Mortality, asthma, smoking and acute chest syndrome in young adults with sickle cell disease. Faculty of Medical Sciences Annual Research Conference and Workshop on the Non-Communicable Disease – A Threat to Life and the Economy. *West Indian Medical Journal* Vol. 61 (Suppl 6): 1–66.

## PUBLICATIONS

- Knight-Madden, J.M., **Barton-Gooden, A.**, **Weaver, S.R.**, Reid, M., Greenough, A. (2013) “Mortality, asthma, smoking and acute chest syndrome in young adults with sickle cell disease.” *Lung*. Springer Publication. Vol. 191 (1): 95–100. DOI: 10.1007/s00408-012-9435-3.
- **Barton-Gooden, A.**, **Dawkins, P** & **Bennett, J.** (2013). Physical restraint usage at a teaching hospital: A pilot study, *Journal of Clinical Nursing Research* Manuscript published online 27th June, 2013 doi: 10.1177/1054773813493112.

- **Bennett, J.** (2013) Training Mental Health Professionals in Cultural Capability: Sustainability of knowledge and skills. *International Journal of Culture and Mental Health*, 6:1, 72–80, DOI: 10.1080/17542863.2011.636946
- **Bryan, V.D., Weaver, S., Anderson-Johnson, P. & Lindo, JML.** (2013). The effect of interpersonal relationships between nursing students and lecturers on learning outcomes at a Jamaican nursing school. *Caribbean Journal of Nursing* 1 (1): 39–46.
- **Davison, C., Kahwa, E., Edwards, E., Atkinson, U., Roelofs, S., Hepburn-Brown, C., Aiken, J., Dawkins, P., Rae, T., & McFarlane, D.** (2013). Ethical Challenges and Opportunities for Nurses in HIV and AIDS Community-Based Participatory Research in Jamaica. *Journal of Empirical Research on Human Ethics*. 8 (1); 55–67. doi: 10.1525/jer.2013.8.1.55
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- **Blake-Mowatt C, Lindo JLM, Bennett J.** (2013) Evaluation of registered nurses' knowledge and practice of documentation at a Jamaican hospital. *International Nursing Review* doi: 10.1111/inr.12040 [Epub ahead of print].
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knowledge and skills in the nutritional management of patient s requiring intensive care: A literature review. *Caribbean Journal of Nursing*, 1(1):49–55.

- Mill, J., Harrowing, J., **Rae, T.**, Richie, S., Minnie, K., **Hepburn-Brown, C.** (2013). Stigma in AIDS Nursing Care in Sub-Shara Africa and the Caribbean. *Qualitative Health Research an International, Interdisciplinary Journal* volume 23 Number 8 August 2013 qhr.sagepub.com ISSN: 1049–7323.

### BOOK CHAPTERS

- Aiken, J., **Lindo, JLM.**, Nevins, D., Pounall, V., Thomas, M., Baker-Reid, C., & Ward E. (2012) Lateral Violence in Nursing: The experience in two urban hospitals in Jamaica. In Needham., I., McKenna, K., Kingma, M & Oud, N., *Third International Conference on Violence in the Health Sector Linking local initiatives with global learning* (pp. 110–113). Amsterdam, The Netherlands: Kavanah.
- **Lindo, JLM.**, Nevins, D., Aiken, J., Pounall, V., Thomas, M., Reid-Baker, C., & Ward E. (2012) Strategies for the mitigation of workplace violence in a Jamaican hospital In Needham., I., McKenna, K., Kingma, M & Oud, N., *Third International Conference on Violence in the Health Sector Linking local initiatives with global learning* (pp. 359–362). Amsterdam, The Netherlands: Kavanah.

### TECHNICAL REPORTS

- Edwards N, **Kahwa E**, Kaseje D, Walusimbi M, Klopper H., **Hepburn-Brown, C.**, **Rae, T.**, **Dawkins, P.**, **Aiken, J.** et al. Strengthening Nurses’ Capacity in HIV Policy Development in Sub-Saharan Africa and the Caribbean. Overall Program Report February 1, 2007–June 15, 2012. IDRC Grant # 103460-042 (73 pages)
- Edwards, N., Kaseje, D., **Kahwa, E.** Research Capacity-Building in

Context: Case Studies of Innovative Models in Global Health. IDRC Grant # 103460-80 (299 pages)

### RESEARCH GRANT

- “An educational intervention to improve disease knowledge among adolescents with sickle cell disease”. Investigators: **Antoinette Barton-Gooden, A.**, Dr. Monica Asnani & Dr. Jennifer Knight-Madden (Funded by the Principal’s New Initiative Grant, J\$1,500,000.00).

### PUBLIC SERVICE

#### Bennett, J.

- Board Member, Women’s Health Network, Jamaica
- Mona Academic Board Representative to the Open Campus Council
- Mona Academic Board Representative to the Academic Board of the Open Campus
- Editor-in-Chief, *Caribbean Journal of Nursing* (2013)
- Member of Editorial Board, *West Indian Medical Journal* (2010–present)

#### Dawkins, P.

- Council Member, St. John Ambulance, Kingston Jamaica
- Member, Nursing Research Committee
- Member, Nurses Association of Jamaica
- Manuscript Reviewer, *Clinical Journal of Nursing Research*, University of Pennsylvania
- Expert Panelist, World Justice Project, Rule of Law Index

#### Hepburn-Brown, C.

- Manuscript Reviewer, *Clinical Journal of Nursing Research*, University of Pennsylvania; Rater and Reviewer, McMaster University Online Rating of Evidence-based System Research (MORE).

**Kahwa, E.**

- Member, Editorial Board, *Canadian Journal of Nursing Research*
- Member, Editorial Board, *Caribbean Journal of Nursing*.

**Lopez, S.**

- Board Member, The Heart Foundation of Jamaica

**Lindo, J.**

- Chairman, Mona Heights Primary School
- President, Hope Pastures Citizens' Association
- Convenor and Past Chair, Keble Crescent Neighbourhood Watch
- Member, Mother's Union, Church of St. Margaret's
- Member, Kiwanis Club of New Kingston
- Social Development Commission Representative for Hope Pastures
- Member, St. Andrew Civic Committee

**Weaver, S.**

- Member, Lions Club of St. Andrew Central
- Member, Health and Wellness Committee, Lions Club of St. Andrew Central.

**SCHOLARSHIPS AND BURSARIES**

**The University of the West Indies Alumni Association, Washington DC (UWI AA-DC) Scholarship:**

- Santoya Craddock, Tracey Turner, Natalie Solomon, Shereen Walker, Nicodi Jack, Sasha Paul.

**IGL Scholarship:**

- Shakara Daley

## The UWI School of Nursing

### STUDENTS

#### Undergraduate

Category of Students	New	Returning		Total
	1st year	2nd Year	3rd Year	
BScN – Mona Campus	138	139	105	382
BScN – Western Jamaica Campus	26	28	32	86
BScN – franchised at EXED	68	69	59	196
BScN – franchised at Brown’s Town Community College	35	42	40	117
BScN – franchised at Knox Community College	27	25	27	79
<b>Total Face to Face</b>	<b>294</b>	<b>303</b>	<b>263</b>	<b>860</b>
<i>Cohorts BScN (post RN)</i>				
BScN (post RN) online delivery.	70	137	207	
<b>Total Online/Blended</b>				<b>207</b>
<b>Total Number of students</b>				<b>1,067</b>

**Postgraduate Programmes**

Category of Student	Full-time	Part-time	Total
MPhil/PhD	–	5	5
MScN (Nursing Administration; Nursing Education)	13	26	39
MScN (Family Nurse Practitioner; Mental Health/Psychiatric Nurse Practitioner; Clinical Nurse Specialist-Gerontology Option)	33	2	35
<b>Total Postgraduates Students</b>	<b>46</b>	<b>33</b>	<b>79</b>

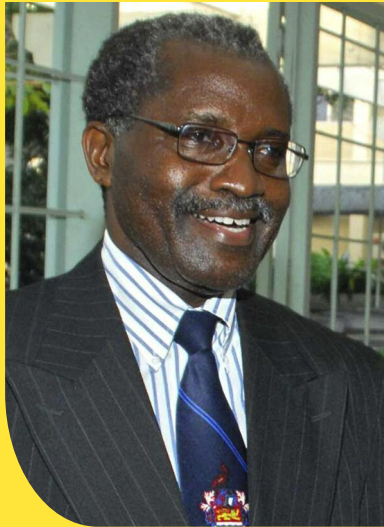
**Graduation data for 2013 ( Mona & WJC)**

Programme	No of students	1st Class Honours
BScN	100	3
BScN (post RN)	51	3
MScN	35	4 Distinctions



**FACULTY OF  
SCIENCE &  
TECHNOLOGY  
Mona**

Year ending July 31, 2013



**PROFESSOR ISHENKUMBA KAHWA**

*BSc, MSc, *Dar*, PhD Louisiana State*

**DEAN**

# – *Dean’s Overview* –

## **PREPARATION OF THE DISTINCTIVE UWI GRADUATE – INITIATIVES, NOTABLE ACHIEVEMENTS**

### **Student Enrolment and Access to Faculty Programmes**

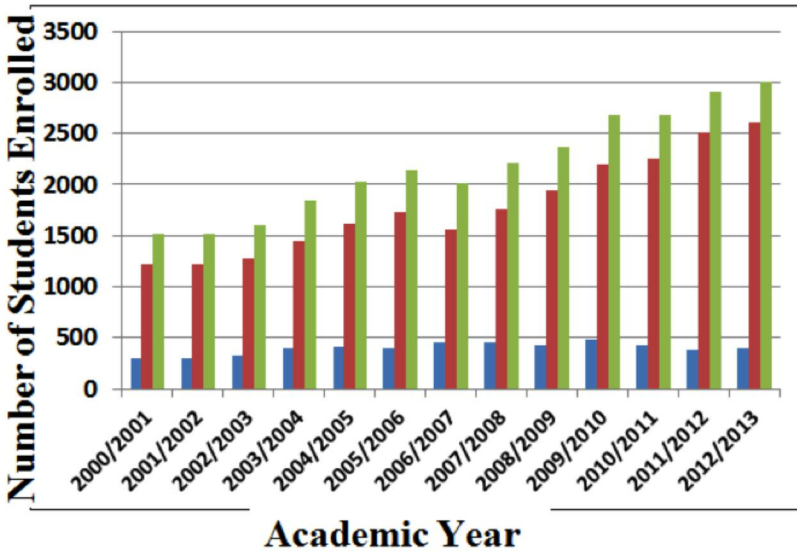
The number of undergraduate students enrolled in our Faculty has steadily grown over the period 2001–2013 as shown below. The sluggish growth in recent years is due to hard financial times which make it difficult for students to raise funds to support their school costs.

Of a worrisome trend is enrollment in postgraduate programmes as shown below. This has to be reversed as a matter of priority.

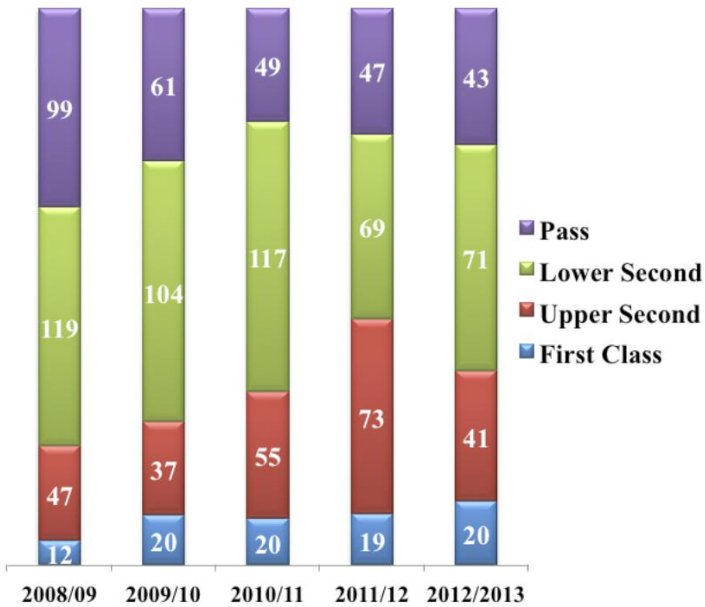
Graduation data show an increasing number of students earning honours degrees with proportionately less earning pass degrees.

The respective Departments in the Faculty continue to be innovative and flexible in dealing with the large student numbers by adding extra class and laboratory streams, including weekend and evening classes, and adding equipment to improve throughput in laboratory sessions.

DEAN'S OVERVIEW



Students Enrolled in the Faculty. For each year from left to right: Graduate students, Undergraduate students and Total.



Number of Graduates and Degrees for the period 2008-2013

## **INITIATIVES FOR ENHANCING THE LEARNING EXPERIENCE FOR 2012–2013**

### **New Programmes and Courses:**

#### **BSc Computer Systems Engineering**

The three year new BSc in Computer Systems Engineering consists of 113 credits. It was developed and approved for delivery in 2013/14 by the Department of Computing in collaboration with the Department of Physics (Engineering Programmes). The programme is designed to serve students who are desirous of pursuing a career path in designing computer systems and devices that rely on embedded computing. The structure of this three (3) year programme allows for exposure to foundation courses in computing, electronics, electrical engineering, physics, engineering mathematics, ethics and professional practices in year one. The second and third year courses provide the core material required for this discipline; all students are required to complete a capstone project during the final year.

#### **BSc in Civil Engineering**

Civil Engineering is concerned with the provision of many of the basic services required for the development of modern society. The BSc programme in Civil Engineering has been adopted from the UWI Faculty of Engineering at the St. Augustine Campus. It provides core competency in the essential engineering sub-disciplines and project management, and offers a wide choice of specialization within any of the five sub-disciplines in the final year of the programme. These sub-disciplines are highway, soils, structures, concrete and environment. Two coursework-based one-year courses are assigned at level two in structural designs and civil engineering designs. There is a capstone 1-year project during the final year coupled with a special investigative project. Readiness to offer this programme in 2013/2014 was achieved through the assistance of an engineering private company, GENTECH.

### **A Clash Free Timetable for the Faculty of Science and Technology**

Preparation of teaching timetables in the Faculty of Science and Technology is at present a tedious, inefficient, and error prone process. Ricoche, a software application that was developed by 2012/2013 final year students of the Department of Computing as a timetabling solution for examinations, has been adapted to solve class timetabling woes in the Faculty. The application uses prior year student registration data along with stated constraints on the use of rooms, relations among courses, and other user configurable parameters to generate a clash free schedule of teaching activities and allocation of rooms in the Faculty. Ricoche is currently under testing and evaluation.

### **NOTABLE ACCOMPLISHMENTS OF GRADUATES**

#### **Jamaica Rhodes Scholar**

The University of the West Indies (UWI) once again won the prestigious Jamaica Rhodes Scholarship for 2013. Vincent Taylor, a 22-year-old computer scientist from the Mona Campus of the UWI, was selected from a field of 11 finalists, after two grueling days of interviews. The holder of a double major degree in Computer Science and Electronics, Taylor is reading for a Masters in Philosophy (MPhil) at the Mona Campus, specializing in wireless network sensor security. In the sixty-four years since the founding of the UWI, more than 60 of its graduates have won the highly regarded Rhodes scholarship.

### **SERVICE TO THE WIDER COMMUNITY, INCLUDING THE OPEN CAMPUS COMMUNITY; NOTABLE ACHIEVEMENTS**

#### **Agreement between the Government of Jamaica and the Government of the Republic of South Africa on Scientific and Technological Cooperation.**

The Agreement between the Government of Jamaica and the Government of the Republic of South Africa on Scientific and Technological Cooperation was signed on February 26, 2013. This agreement is aimed at promoting and supporting the development of cooperation in the

fields of science and technology between the two countries. The UWI and specifically the FST is seen as a central player in the activities of the agreement.

### **Consultancy and Outreach Activities**

- A number of Departments are involved in consultancy work and outreach activities that promote and enhance UWI's impact.
- Several departments ran workshops to enhance the understanding of important science concepts and the competitiveness of sixth formers for entry into University programmes. These include the Departments of Physics and Chemistry and the Electronics Unit.
- A number of schools were visited as customary. Departments volunteered to assist with the recruitment of High School students across the island, including parishes such as St. James, Portland and St. Catherine. Other activities included the Faculty carrying out CXC workshops in May, 2013 for students in Portland for the following subject areas: Mathematics, Physics and Life Science.
- For the first time, the Faculty participated in "Relay for Life" in June 2013, an event organised by the Jamaica Cancer Society to increase cancer awareness and celebrate survivorship. The department also had a tent display featuring current research trends in bone cancer treatment.

### **ADDRESSING THE FUNDING CONSTRAINT**

Resource Mobilization Unit – The unit was established to develop information that would assist the Campus to structure and resource its research enterprise. Following success at helping entities across the Campus to increase their competitiveness in grant fund sourcing, the unit's findings were used to conceptualize a new Campus entity called the Mona Office of Research and Innovation (MORI) which will start its work on August 1, 2013. The Resource Mobilization Unit will continue to support and lead the work of MORI in the Faculty.

Fund raising activities across the Faculty continued as shown by grants acquired and fully funded teaching activities described in the following individual Department's reports.

## DEPARTMENT OF CHEMISTRY



Professor Helen Jacobs, BSc, PhD, *UWI*  
Head of Department

### OVERVIEW

In academic year 2012–2013 there were 58 students graduating with BSc degrees in Chemistry – two with first class honours and 14 with upper second class honours; five candidates were awarded higher degrees. Faculty members published a total of 16 journal articles and gave six conference presentations. The revised curricula for programmes leading to the majors and minors in General Chemistry and Food Chemistry were implemented. This entailed mounting 18 new Level II and Level III courses and necessitated careful academic counseling and close management of the programmes of those students caught in the transition. Credit for the smooth crossover to the new system is due to Chair of our Curriculum Committee, Dr. Novelette Sadler-McKnight, Undergraduate Studies Coordinator, Dr. Michael Coley and to Drs. Paul Maragh and Donna Minott Kates. Another milestone in the life of the department this past year was the commencement of delivery of the self-financing

master's programme in Food and Agro-Processing Technology (MSc FAPT) with a first cohort of eleven students. This programme is coordinated by Dr. Ian Thompson, who is to be congratulated for an excellent job of managing the startup and first year of operation.

## **HIGHLIGHTS OF MAJOR ACTIVITIES**

### **The Occupational and Environmental, Safety and Health (OESH) Programme**

There were twenty-seven (27) students in the MSc OESH in September 2012; twenty-one (21) new and seven (7) returning. Eleven (11) students graduated from the programme in November 2012. At the BSc level eight (8) students were registered in Advanced OESH courses. Five students were doing the OESH Options while two (2) students were doing majors in other areas while doing OESH courses.

### **Welcome Receptions For Advanced Chemistry Students**

On Thursday 27th September 2012 the department mounted an interactive one-hour program of informational and motivational presentations for new Level II chemistry students. Guest presenters were Mr. Roger Bent, new Coordinator of the Academic Support Unit whose talk was entitled "Managing Life – A Student's Guide to Success" and Dr. Willard Pinnock, retired Senior Lecturer in Physical Chemistry who spoke on "Opportunities in Chemistry". A motivational seminar dubbed 'Catalyst 2013' was held on 31st January 2013 for Level II and Level III students. Guest presenter, Professor Tony Ellis did an engaging presentation "The Proven Formula". The aim was to get these students to engage with and excel in their academic programs, and to graduate in minimum time. Both events were deemed highly successful and elicited very positive feedback from the students. Key organizers were the ChemSoc executive, who co-hosted the events, Mrs. Tracia Johnson-Blair, Mrs. Mitzie Samuels and Drs. Michael Coley, Roy Porter, Robin Rattray and Marvadeen Singh-Wilmot.



### **NEPA Visible Emissions Training**

The Department of Chemistry hosted two Visible Emissions training courses (Smoke Schools) which were run by NEPA, 22nd January and 23rd July 2013; 35–40 persons attended the classroom portions of the training. This training is administered by Eastern Technical Associates (ETA) from the US; ETA is a United States Environmental Protection Agency (US-EPA) certified training institution. Two to four members of the Department of Chemistry participated in each course. The skill set developed in these courses is recognized internationally.

### **STAFF MOVEMENTS**

Dr. Donna Minott Kates was on sabbatical leave for academic year 2012–2013; she was replaced by Dr. Andrea Goldson-Barnaby. Mr. Dennis Bailey, Technician, successfully defended his PhD. thesis in Biotechnology, entitled “Anthocyanins in Moonshine and Darknight Yams (*Dioscorea alata*) and their Bioactivities in Cancer Cell Lines and Animal Model”. Ms. Simone Williams and Ms. Maxine Hoffman were appointed Administrative Assistant and Scientific Officer, respectively to the MSc FAPT programme. Ms. Camelia Campbell assumed duties as Senior Secretary in the Department in February 2013.

### **CAPE WORKSHOP**

During the period January 14–18, 2013, the Department held another successful series of workshops on Spectroscopy and Chromatography for the Caribbean Advanced Proficiency Examinations (CAPE) in Chemistry. A total of 973 students and 50 teachers participated. This opportunity was also used to meet with teachers to discuss issues pertaining to Chemistry instruction in their schools. As in previous years, this workshop was coordinated by Dr. Novelette Sadler-McKnight.

**STUDENT ENROLMENT**

Intake at the introductory level declined by about 10% relative to the previous year.

**Table 1:** Numbers of students reading courses in chemistry, 2009–2013

Level	2009–2010 Sem 1/Sem 2	2010–2011 Sem 1/Sem 2	2011–2012 Sem 1/Sem 2	2012–2013 Sem 1/Sem 2
Preliminary	129/128	134/116	240/219	239/218
Introductory	532/465	537/458	597/525	546/506
Advanced	271/249	288/268	266/258	256/227
Postgraduates	45 (24 F/T; 21 P/T)	50 32 F/T; 18 P/T	45 30 F/T; 15 P/T	42 29F/T; 13 P/T

**BOOK LOAN SCHEME**

The Department continues to operate its book loan scheme for undergraduate students. Demand for textbooks for the introductory courses is still highest, followed by those for the preliminary courses.

**AWARDS AND PRIZES**

Miss Julia Brown and Dr. Marvadeen Singh-Wilmot were recognized for outstanding teaching assessments at the Faculty Awards Ceremony. The papers “Impact of Seed Size on Residual Hypoglycin Levels in Ackee”. D. Minott–Kates and S. Dundee. Food Research International, 2012, 47(2), 306–309 and “Proton Transfer Voltammetry Modified with Acid Thiol Monolayers”. W. Mulder and collaborators. Analytical Chemistry 2012, 84, 5778–5786 were selected as two of the three best

## Department of Chemistry

publications from the FST in 2011–2012. The authors received the Principal's Research Awards in this category for Research Day 2013.

Eight undergraduate students received awards, ranging from \$15,000 to \$60,000, for their academic performance in Chemistry. They are Kristen Morgan (Cedric Hassall), Vanessa Dockery (Garfield Sadler), Garren Nelson (Wilfred Chan), Alecia Robinson (Leonard J. Haynes), Kemar Thompson (Chemistry Department), Carlos Mingoies (Pavelich/Honkan) and Avalon Gilpin (Bertram Fraser-Reid), and the Willard Pinnock Prize was awarded to Kemar Francis.

Keisean Stevenson, who graduated with a BSc (Special) degree in Chemistry and gained first class honours, was the valedictorian for the Faculty of Science and Technology at the graduation ceremony on the November 2, 2012.

A UWI research group comprised of Mrs. Denise Daley-Beckford and Dr. Ruby Lisa Alexander-Lindo of the Biochemistry Section of the Department of Basic Medical Sciences, Dr. Trevor Yee of the Natural Products Institute and Professor Paul Reese of the Department of Chemistry won two awards in the Scientific Research Council's Innovations in Science and Technology Competition for 2012. Their winning research project was entitled "Novel Treatment for Hyperglycaemia and Hypertension". The project was awarded the Sectional Prize in the Health and Wellness Category as well as the prestigious Overall Prize for the Innovation of the Year for Science and Technology for 2012. The group's research was judged most likely to have a significant effect in the field of Science and Technology and won from a field of 177 entrants.

Professor Robert Lancashire received one of the eight (8) Royal Society Science Awards in recognition of his contribution to the work of Antony John Williams, Head of Chemoinformatics for the Royal Society of Chemistry.

**POSTGRADUATES**

Four students completed and were awarded PhD degrees and two students received MPhil degrees. Names of the students who completed higher degrees in Chemistry in 2012–2013, and those of their supervisors are listed in the following table.

**Table 2:** Higher degrees in chemistry awarded in 2013

Degree completed	Name	Supervisor
PhD	Oscene Barrett	Professor Y. Jackson
	Denton Fearon	Dr. N. Downer-Riley
	Kerry-Ann Green	Professor P. Reese
		Professor T. Dasgupta, Dr. P. Maragh
MPhil	Peter Nelson	Professor H. Ellis
	Antoinette Gayle	Dr. D. Minott Kates
	Monique Thompson	Dr. W. Gallimore

**VISITORS TO THE DEPARTMENT**

**Professor Anthony K. Cheetham**, Goldsmiths' Professor of Materials Science, Department of Materials Science and Metallurgy, University of Cambridge, UK and Fellow of the Third World Academy of Sciences; November 8–9, 2012 on the first stop of a tour of the departments of Chemistry of the Mona, Cave Hill and St. Augustine campuses of UWI. His visit was organized by Cariscience and jointly funded by the three departments.

**Dr. Shobha Sriharan**, Professor of Environmental Science, Agriculture Department, Virginia State University; November 19, 2012.

**Professors Åke Nilsson** and **Lennart Sjölin** from the University of Gothenburg, Sweden; visited April 4–13, 2013 under the aegis of the Linnaeus–Palme faculty and student exchange programme. The main purpose of this visit was to conduct an evaluation of the programme by meeting with faculty and students who have participated in the programme and to explore ways in which connections between UWI, Mona Campus and the University of Gothenburg can be strengthened through collaboration in teaching and research.

## SEMINARS

Under the leadership of the Seminar Coordinator, Dr. Marvadeen Singh-Wilmot, members of the department enjoyed an active seminar programme. Nineteen seminars spanning a wide range of topics were delivered by visitors, faculty and postgraduates; seminars delivered by visitors to the department are listed below.

- **Professor Anthony K. Cheetham**, Goldsmiths' Professor of Materials Science, Department of Materials Science and Metallurgy, University of Cambridge, UK and Fellow of the Third World Academy of Sciences. "Structure-Property Relationships in Inorganic-Organic Framework Materials (research seminar) New Materials for the 21st Century"(public lecture) November 9, 2012.
- **Professor Shobha Sriharan**, Professor of Environmental Science, Agriculture Department, Virginia State University, Petersburg. "A Case Study Approach for Interactive Teaching: Learning of Global Topics in Agricultural, Environmental and Food Science". November 19, 2012.
- **Professor Robert Bates**, Professor Emeritus of Food Science, University of Florida and Visiting Lecturer, MSc. FAPT, UWI, Mona. "The Chemistry and Alchemy of Brewing" January 31, 2013.
- **Mr. Aubyn Hill**, Chief Executive Officer Corporate Strategies Limited and Chairman of Nation Growth Micro Finance Ltd. "Use Knowledge Economy to Generate Growth". February 21, 2013.
- **Dr. Adrian Spence**, Research Scientist and Head of Spectroscopy Lab, International Center for Environmental and Nuclear Sciences (ICENS). "Chemical and Degradation Characteristics of Soil Microbial Biomass". April 4, 2013.

## PAPERS PRESENTED

- **M. Bakir**; O. Brown; O. Green, "Molecular sensing behavior of di-2-pyridyl ketone derivatives". 244th ACS National Meeting & Exposition, Philadelphia, United States, August 19–23, 2012.

- **M. Bakir**; O. Brown, “Molecular sensing behavior of di-2-pyridyl ketone thiosemicarbazone (dpksc) and its rhenium and manganese compounds”. 244th ACS National Meeting & Exposition, Philadelphia, United States, August 19–23, 2012.
- P. Nelson; **H. Ellis**, “Room temperature molecular and lattice structures for a homologous series of anhydrous sodium(I) n-alkanoates”. 244th ACS National Meeting & Exposition, Philadelphia, United States, August 19–23, 2012.
- Debbie-Ann Facey, Robert M Hanson, **Robert J. Lancashire** and Amanda Leone “Visualisation of Chemistry Data with the Open Source software, Jmol and JSpecView H4-2 Data Mining (Part 1): Advanced Data Management and Visualization” CODATA Conference and General Assembly, Taipei, Taiwan, October 28–November 3, 2012.
- Carlton Samuels and **Robert Lancashire** “C5-1 Potential Benefits of OKEs to Developing Countries: the Caribbean Region Experience” CODATA Conference and General Assembly, Taipei, Taiwan, October 28–November 3, 2012.
- **D. Minott**; D. Bremmer, “Polynuclear aromatic hydrocarbons, process contaminants in jerked chicken”. 245th ACS National Meeting & Exposition, New Orleans, United States, April 7–11, 2013.

## PUBLICATIONS

### Refereed Journal Articles

- **M. Bakir**; O. Brown, “Synthesis, and molecular sensing behavior of fac-[Re(CO)<sub>3</sub>(2-N,N-dpksc)Cl], dpksc = di-2-pyridyl ketone semicarbazone”. *Journal of Molecular Structure* 2013, 1032, 118–125
- **M. Bakir**; C. McDermot; T. Johnson, “Spectroscopic, and electrochemical studies of [MCl<sub>2</sub>(2-N,N-dpksc)] (M = Zn, Cd, Hg and dpksc = di-2-pyridylketone semicarbazone”. *Journal of Molecular Structure* 2013, 1040, 221–225.

- P. Nelson; R. Taylor; **H. Ellis**, “The effects of molecular and lattice structures on thermotropic phase behaviour of zinc(II) undecanoate and isomeric zinc(II) undecynoates”. *Journal of Molecular Structure* 2013, 1034, 75–83.
- **W. Gallimore**, “Bioactive Brominated Metabolites from the Natural Habitat and Tank-Maintained Cuttings of the Jamaican Sponge *Aplysina fistularis*”. *Chemistry & Biodiversity* 2013, 10(6), 1055–1060.
- S. Badal; **W. Gallimore**; G. Huang; T. George; R. Delgoda, “Cytotoxic and potent CYP1 inhibitors from the marine algae *Cymopolia barbata*”. *Organic and Medicinal Chemistry Letters* 2012, 2(1), 21–28.
- N. Penicooke; K. Walford; S. Badal; R. Delgoda; L. Williams; P. Joseph – Nathan; B. Gordillo – Roman; **W. Gallimore**, “Antiproliferative activity and absolute configuration of zonaquinone acetate from the Jamaican alga *Stypopodium zonale*”. *Phytochemistry* 2013, 87, 96–101.
- **A. Goldson–Barnaby**; C. Scaman, “Purification and characterization of phenylalanine ammonia lyase from *Trichosporon cutaneum*”. *Enzyme Research* 2013, doi.org/10.1155/2013/670702
- **A. Greenaway**; A. Bucknor; K. Henry; M. Coley, “Identifying possible associations of minor and trace elements with major elements in Jamaican hillside and catchment bauxites using multivariate analysis tools.” *Minerals Engineering* 2013, 53, 124–135.
- O. Barrett; N. Downer–Riley; **Y. Jackson**, “Thermally induced cyclization of electron-rich N-arylthiobenzamides to benzothiazoles”. *Synthesis* 2012, 44(16), 2579–2586.
- **M. Lawrence**; **P. Maragh**; **T. Dasgupta**, “Mechanistic studies on the intra-molecular electron transfer in the adduct species of some oxo-centred trinuclear iron(III)/chromium(III) cations and L-ascorbic acid in aqueous acetate buffer”. *Inorg. Chim. Acta* 2012, 388, 88–97.
- **P. Maragh**, “Mechanisms in solution”. *Annual Reports on the Progress of Chemistry, Section A: Inorganic Chemistry* 2013, 109, 340–359.

- J. Calvente; A. Luque; R. Andreu; W. Mulder; J. Ollolqui-Sariego, “Analytical Expressions for Proton Transfer Voltammetry: Analogy to Surface Redox Voltammetry with Frumkin Interactions”. *Analytical Chemistry* 2013, 85(9), 4475–4482.
- M. McNeil; **R. Porter**; L. Williams, “Chemical composition and biological activity of the essential oil from Jamaican *Cleome serrata*”. *Natural Product Communications* 2012, 7(9), 1231–232.
- Y. Bailey-Shaw; K. Golden; A. Pearson; **R. Porter**, “Characterization of Jamaican Agro-Industrial Wastes. Part II, Fatty Acid Profiling Using HPLC: Precolumn Derivatization with Phenacyl Bromide”. *Journal of Chromatographic Science* 2012, 50(8), 666–672.
- P. Peart; W. Reynolds; F. Williams; **P. Reese**, “The facile bioconversion of testosterone by alginate-immobilised filamentous fungi”. *Journal of Molecular Catalysis B: Enzymatic* 2013, 95, 70–81.
- **M. Singh-Wilmot**; R. Sinclair; M. Andrews; C. Rowland; C. Cahill; M. Murugesu, “Nonanuclear lanthanide(III) nanoclusters: Structure, luminescence and magnetic properties”. *Polyhedron* 2013, 53, 187–192.

#### **WORKSHOPS AND CONFERENCES ATTENDED**

- **Dr. Anthony Greenaway** attended a three-day conference, 10th–12th October 2012 on “Education for Sustainability: International Greening Education Event 2012” in Karlsruhe, Germany.
- **Professor Robert Lancashire** attended the CODATA Conference and General Assembly, Taipei, Taiwan, 28th October 28–November, 2012 as the IUPAC representative.
- **Dr. Marvadeen Singh-Wilmot** attended the 23rd General Meeting and 12th Annual Conference of TWAS, Tianjin, China, September 18–21, 2012.
- Graduate students **April Johnson** and **Stacy-Ann Parker**, **Professor Paul Reese** and **Professor Helen Jacobs** attended a four day advanced training programme, 3rd to 6th December 2012, on Successful



## Department of Chemistry

Technology Licensing (STL) organized by the World Intellectual Property Organization (WIPO) in cooperation with the Jamaica Intellectual Property Office (JIPO) and the UWI Regional Headquarters.

### **INCOME GENERATION & RESEARCH GRANTS**

Income generated from consultation fees, summer school and rental of facilities was approximately J\$10.9M.

The Department of Chemistry was successful in its application for a grant of equipment valued at J\$8M from Seeding Labs. The application was coordinated by **Dr. Petrea Facey**, Research Fellow in the department and **Dr. Julie-Ann Grant** and **Mr. Dale Rankine** of the Faculty Resource Mobilization Unit.

The Departments of Chemistry and Physics working in association with the Youth Crime Watch of Jamaica, which is a campus based Community organization, received a grant of US\$50,000 from the Global Environment Facility (GEF) Small Grants Programme (SGP) to set up a pilot scale biodiesel manufacturing unit to produce biodiesel from waste vegetable oil. **Dr. Michael Coley** coordinates project activities in the Department of Chemistry.

**Dr. Anthony Greenaway** was awarded US\$3000 from the American Society for Limnology and Oceanography (ASLO) for 12 months to support a River Watch project in which pupils at schools in St. Elizabeth will sample and analyse (pH, alkalinity, conductivity, bacteria) water collected from the Black River within the vicinity of the schools.

#### **Professor Paul Reese**

- (a) J\$2,541,438 from the Research Fellowship Committee to fund employment of a Postdoctoral Research Fellow for one year on a project in Isolation of Fungal Natural Products Granted March 2012; Contract period August 2012–July 2013.
- (b) US\$3,145 from the Mona Campus Committee for Research & Publications and Graduate Awards (October 2012) to cover costs

associated with projects entitled “Biotransformation of triterpenes using fungi”.

**Dr. Marvadeen Singh–Wilmot** was awarded a Royal Society Grant of £2,700 for work on metal organic framework materials.

## **PUBLIC SERVICE**

### **Professor T. Dasgupta**

- President, Caribbean Academy of Sciences
- Executive Committee Member, Regional Office of International Council of Science
- Treasurer, Caribbean Community of Sciences
- Member, Organizing Committee of UNITAR Project (Office of Prime Minister)
- Chairman, National Adhering Organization for IUPAC
- Member, International Panel of Academies
- Member, Third World Academy of Sciences

### **Dr. A. Greenaway**

- Deputy Chairman, Jamaican National Agency for Accreditation Technical Advisory Committee, ISO 17025.
- Member, Laboratories Association of Jamaica Proficiency Testing subcommittee.
- Assists teachers to conduct Black River High School’s 6th form Environmental Sciences School Based Assessment research projects which focus on the water quality in the Black River.

### **Professor R. Lancashire**

- Secretary, Caribbean Academy of Sciences.
- Secretary, IUPAC Committee on Printed and Electronic Publications (CPEP).

## Department of Chemistry

- IUPAC representative to ICSU Committee on Data for Science and Technology (CODATA).
- Chair of the Jamaican Research and Educational Network (JREN) Task Group: Applications and Services.
- CODATA Task Group: Preservation of and Access to Scientific and Technical Data in Developing Countries, (PASTD).

### **Dr. P. Maragh**

- Assistant Chief Examiner, CXC CSEC Chemistry
- External Examiner for Chemistry – University of Technology
- External Examiner for Chemistry – Joint Board for Teacher Education
- External Examiner for Chemistry (Science & Technology) – MICO University
- External Examiner for Chemistry – College of Agriculture, Science & Education

### **Dr. D. Minott Kates**

- Member, Jamaican Delegation to the FAO/WHO Codex Alimentarius Commission, 26th Session of the Codex Committee on Processed Fruits and Vegetables (CCPFV), Montego Bay, Jamaica, (October 13–19, 2012)
- Member, National Codex Committee (Codex Alimentarius Commission) Sub-Committee on Processed Fruits & Vegetables (Bureau of Standards Jamaica)
- Member, National Food Standards Committee (Bureau of Standards Jamaica)

### **Dr. R. Porter**

- Member, Technical Committee for Propane-Butane Liquefied Petroleum Gas standards, Bureau of Standards Jamaica.
- Member, Technical Committee (TC 93) for all standards relating to starch and its by-products, Bureau of Standards, Jamaica.

**Dr. R. Rattray**

- Secretary, Laboratories Association of Jamaica
- Director, Lions Club of Mona

**Professor P. Reese**

- Jamaica National Agency for Accreditation
- Chair, ISO/IEC 17025 Technical Advisory Committee
- Member, ISO/IEC 15189 Technical Advisory Committee

**Dr. N. Sadler-McKnight**

- External Examiner, Chemistry, College of Agriculture, Science and Education (CASE)
- Member, Technical and Finance Committee of the Scientific Research Council (SRC)

**Dr. M. Singh-Wilmot**

- Member, Organising Committee, New Horizons in Science Symposium

## DEPARTMENT OF COMPUTING



Dr. Ezra K. Mugisa, PhD, DIC, CITP  
Head of Department

### WORK OF THE DEPARTMENT

#### Curriculum Review

During academic year 2012/13 the Department completed the exercise of converting all undergraduate four credit courses to three credits with the submission of revised final year courses. Second year courses were done during 2011/12 and first year courses the year before.

We also introduced the Software Engineering major. This major is available to students as of 2013/14.

Finally, we introduced, in collaboration with the Mona School of Engineering, the new Computer Systems Engineering programme. The first cohort of students for this programme will be admitted in 2013/14.

We continue the review of the MSc programme that was started early in the academic year. We plan to complete this exercise during 2013/14.

## **WESTERN JAMAICA CAMPUS**

The expansion of our programmes to WJC continues, although we experienced a few challenges with the infrastructure for live streaming of lectures. We are working with the office of the Faculty of Science and Technology to find a lasting solution to this problem. The enthusiasm of the staff involved has lessened the possible negative impact of this problem.

### **Staffing**

Campus Appointments Committee approved the appointment of three new members of staff. Ricardo Anderson was confirmed as Assistant Lecturer based at the Western Jamaica Campus while two were appointed as lecturers to be based at Mona. Unfortunately only one of the two accepted the offer and is expected to arrive at Mona by January 2014.

Our administrative unit was strengthened by the appointment of Mrs. Fiona Porter-Lawson as Administrative Assistant II and Miss Kerry-Ann Wilkinson as Secretary III. With Mrs. Donna Burke continuing to serve the department well as Senior Administrative Assistant this now gives us the administrative support to help with the implementation of our strategic plan.

Two of our Visiting Professors visited in June/July 2013. Professor Kweku-Muata Osei-Bryson of Virginia Commonwealth University and Professor Robert France of Colorado State University visited for 2–3 weeks each and interacted with research students and mainly junior staff. The Department continues to benefit greatly from these two excellent senior professors.

## **PUBLICATIONS**

### **Journal Articles**

- Rao L., **Mansingh G.** and Duggan Evan (2013). “An Ontology of Controversial Terms at the Core of the Systems Life Cycle”. *International Journal of Metadata, Semantics and Ontologies, InderScience.*

- **Mansingh G.**, Rao L., Osei-Bryson K. M. and Mills A. (2012). “Profiling Internet Banking Users: A Knowledge Discovery in Data Mining Process Model Based Approach”. *Information Systems Frontiers*, Springer, DOI: 10.1007/s10796-012-9397-2.

#### **Peer-Reviewed Conference Proceedings**

- **Mansingh G.**, Osei-Bryson K.M. and Asnani M. (2013). “Determinants of Quality of Life of Sickle Cell Patients: A KDDM Process Model based Exploration”, in Proceedings of International Conference on Information Resources Management (Conf-IRM) – Managing IT in a Consumerized IT world. *Natal*, Brazil, 22–24 May, 2013, 13 pages.
- **Paul Gaynor** and **Daniel Coore** (2013). “Towards Distributed Face Recognition built over a Self Organizing Distributed Data Storage Device” in Proceedings of IEEE Wireless Technologies Symposium 2013 (Ocotillo Arizona) April 2013.
- **Rohan Smith** and **Daniel Coore**. “X10ABOT: The Extensible, Scalable and Modular Robotics Kit Architecture”, in Proceedings of IEEE SoutheastCon 2013. Jacksonville, FL, USA. April 2013.
- **Vincent Taylor** and **Daniel Fokum**. “Securing Wireless Sensor Networks from Denial-of-Service Attacks using Artificial Intelligence and the CLIPS Expert System Tool”, in Proceedings of IEEE SoutheastCon 2013. Jacksonville, FL, USA. April 2013.
- **Paul Hamilton** and Suresh Sankaranarayanan (2013). “Intelligent Agent based RFID System for On Demand Bus Scheduling and Ticketing”, in Proceedings of 2nd International Conference on Network and Computer Science (ICNCS 2013), Singapore, April 1–2, 2013
- **Anderson R.** and **Mansingh G.** (2012). “An intelligence based knowledge-driven decision support system for Social Protection programs”, in Proceedings of BI Congress 3: Driving Innovation through Big Data Analytics, Joint SIGDSS & TUN Workshop. Orlando U.S.A., December 15–16, 2012, 11 pages.

**INCOME GENERATION**

We continued to run a number of income-generating activities and although we would like to generate higher incomes, we are still making a surplus:

Programme/Activity	Income	Expenditure	Net Income
MSc Computer Science	11,550,000	7,981,288	3,568,712
MSc CBMIS	9,311,368.24	5,867,727.42	3,443,640.82
Cisco Networking Academy	2,303,000	1,362,969	940,031
Summer School	1,457,927	838,700	619,227
Consultation Fund	741,429.34	521,681.84	219,747.50
eLearning Jamaica Project (Ezra K. Mugisa)	US\$165,000	In progress	In progress

**PUBLIC SERVICE****Ricardo Anderson**

- Mentor, Jamaica College Robotics Team
- Chairman, Spot Valley High School ICT Committee

**Paul Gaynor**

- President elect, Sunset Optimist Club of New Kingston

**Gunjan Mansingh**

- Mini-track chair for Americas Conference on Information Systems (AMCIS) 2013 – ICTs and Sustainable Development in the Caribbean – Opportunities for Under-utilised Technologies and Strategies.



## Department of Computing

- Member, Local Organizing Committee, Caribbean Open Data Conference and Code Sprint, April 11–12, 2013.
- Reviewer, INFORMs – *Journal of Computing*.
- Reviewer, *Knowledge Management Research and Practice Journal*.
- Reviewer, Hawaii International Conference on System Sciences (HICSS), 2012.
- Reviewer, Decision Support Systems.

### Ezra K. Mugisa

- Member UCJ ICT Accreditation Committee
- Reviewer, IET Software.

## STUDENTS

### Student Throughput

The table below shows a breakdown of the numbers of students who graduated from the various programmes we offer:

Programme	BA (CS)			BSc (CS)			MSc (CBMIS)			MSc (CS)			MPhil			PhD		
Faculty	FHE			FST			FSS/FST			FST			FST			FST		
Gender	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
1st Class				3	1	4		3	3	5		5						
2nd Class (upper)		1	1	6	2	8												
2nd Class (lower)	1	3	4	13	5	18												
Pass	4		4	4		4	13	10	23	7	1	8	1		1			1
<b>Total</b>	5	4	9	26	8	34	13	13	26	12	1	13	1		1			1

## **Student Awards and Prizes**

### **Computing wins Programming Competition**

A team of Computing students won the /roots (slash roots) programming competition at the Caribbean Open Data Conference held April 10–12, 2013. A total of 13 teams entered the competition including five from the Department of Computing.

- First prize went to Team K2MJB, a group of 3rd year students: Bruce Hoo Fung, Jonathan Smith, Kimberley Roper and brothers Mumba and Kangwa Sambo for their application ‘Farma Bredren’, a mobile phone application that will improve how the Rural Agriculture Development Authority (RADA) collects information on crops from farmers across the island.
- Third prize was won by the ‘Blaze Bartender’ application developed by a group of 2nd year students: Jason Scott, Jonathan Scott and Kevin Leyow.

### **Karl Robinson Prize**

Aston Hamilton won the Karl Robinson Award for best performance in Computing Courses up to semester 1 of year 3 in the programme.

### **Software Applications Developed by Students**

For their capstone project students typically develop applications to solve various kinds of problems. Some of these applications are subsequently enhanced and deployed to solve someone’s real problem. Two systems have been developed in this way and have been deployed to solve problems on the campus.

*Ricoché* is a Timetabling System which uses prior/current year registration data to determine popular course combinations so as to avoid student timetable clashes. It allows for flexible specification of long-term and short-term constraints on scheduling and allows timetables to be generated for various units such as departments, faculties or enterprises. *Ricoché* is a web based, open source solution that provides a timetable with zero

clashes in resources (rooms) where resources are allocated based on the best fit in view of course size, course delivery method and room facilities. Ricoché also provides a timetable with zero or minimal student timetable clashes. Where an initial student clash-free timetable is not obtained based on student course selections, decision support is provided which aids the user in generating a timetable with minimal student timetable clashes. This application was developed by final year students Daine Brissett, Kadira Carter, Christopher Jaggon and Marlon Oneil. They were supervised by Mr. Carl Beckford.

*Prospective Student Recruitment System* (PSRS) is an application that will assist the UWI Admissions section to keep in touch with prospective students of the campus. This system was developed under the supervision of Dr. Curtis Busby-Earle by modifying and customising an Open Source Software solution.

## DEPARTMENT OF GEOGRAPHY AND GEOLOGY



Dr Parris Lyew-Ayee, BSc *UWI*, DPhil *Oxon*  
Head of Department

### WORK OF THE DEPARTMENT

**D**r Parris Lyew-Ayee took up duties as the new Head of Department on August 1, 2012. Unfortunately, circumstances and the pressure of work at the Mona GeoInformatics Institute, where he remains the Director, led to his resigning the Headship at the end of the year under review.

Professor David Barker retired from the University, the last seven years as Head of Department, but remains as a lecturer in Geography under a post-retirement contract. Dr Thomas Stemann, Lecturer in Geology, resumed duties after a year's sabbatical leave. Dr Kevon Rhiney, Lecturer in Geography, spent the period January to April 2013 on a post-doctoral Commonwealth Fellowship in the United Kingdom, tenable at Oxford University. On July 1, 2013 Dr Sherene James-Williamson, Geology

## Department of Geography and Geology

Museum Curator, began a seven-week stint as a visiting researcher at the American Museum of Natural History in New York City.

The Department continued to struggle with the shortage of academic staff, but managed to mount the full range of courses in the undergraduate programmes. Dr Donovan Blissett and Mr Robert Kinlocke each continued on another one-year appointment as Temporary Lecturer in Geology and Geography, respectively. Dr Anestoria Shalkowski took up the slack for another year as Teaching Assistant in Geology. By the end of the academic year the Department was reviewing a number of applications which had been submitted to fill advertised positions of lecturers in Geography and in Geology. The University also asked the Department to attempt to fill the endowed Chair in Water Resource Management, which has remained vacant for about ten years.

Professor Emeritus Edward Robinson relinquished his position as the head of the Marine Geology Unit in December 2012 to take up 'full-time retirement.' Until the status of this Unit is formally regularized, it is temporarily being managed by the Mona GeoInformatics Institute.

Dr Leo Douglas is a visiting academic in the Department for the period January 2013 through September 2014. He is simultaneously a Visiting Scientist at the American Museum of Natural History in New York City.

Joyelle Clarke and Junior Darsan completed their PhD degrees in Geography during the year. Natainia Lummen completed her MPhil in Geography and Richard Coutou his MPhil in Geology. Three new postgraduate students began working on their MPhil degrees in Geography during the year; there were no new postgraduate students in Geology.

The reform of the undergraduate curricula in both Geography and Geology, which had begun with the Level 1 courses in the 2011/2012 academic year and continued with the Level 2 courses the following year, was completed this year with the approval of all-new Level 3 courses to be introduced in the 2013/2014 academic year. All the courses have been carefully revised, and new ones have been added, to provide comprehensive Geography and Geology undergraduate programmes. Except for the 6-credit research theses which are compulsory at Level 3

in both the Geography and the Geology majors, all the undergraduate courses are now 3-credit courses. This has made it possible for Geography courses to be formally offered outside the Faculty of Science and Technology as part of other degree programmes. The Department has always offered a BA degree with a Geography Major, and Geography has always been available as part of a BEd degree, but with the new course offerings, Geography may now be taken as a Minor with a Humanities major for a BA degree, and as a Minor with a Social Science Major for a BSc Social Science degree. It is expected that this will increase student numbers in the Department.

The new publication *Natural Hazards Atlas of Jamaica* was officially launched in September 2012. Authored by Dr Parris Lyew-Ayee and former lecturer in Geology, Mr Rafi Ahmad, and published by the UWI Press, the book represents many years of work and is unique in presenting, for all of Jamaica and for each of the parishes, profiles of the physical and socio-economic characteristics, as well as of the natural hazards to which they are prone. Details of past hazard experiences are given, complete with very useful maps and graphic illustrations and many photographs, including archival records.

On October 12, 2012, Mr Layla ‘Kip’ Smith, President and CEO of Noranda Aluminum (USA), which operates the Noranda St Ann Bauxite Partners plant, visited the Department to preside over the burial of the time capsule to commemorate the 50th anniversary of the teaching of Geology on the Mona campus. The capsule was donated by his company and filled with memorabilia covering the fifty years. It was buried on the front lawn of the Department, beside the obelisk, and will be opened in the year 2062. Mr Smith also used the occasion of his visit to hand over his company’s commitment to fund a postgraduate scholarship in Geology at UWI, Mona.

JAMALCO donated to the Department twenty safety vests and twenty safety helmets for use by staff and students on fieldwork.

The Department continued to administer the Earthquake Unit, whose Head, Dr Lyndon Brown, resigned from the position during the year.

## GRANTS RECEIVED

Professor Jonathan Holmes (University College London), Professor Sarah Metcalfe (Nottingham University) and **Dr Michael Burn** received a grant from the UK Natural Environment Research Council totalling US\$255,000 for the project “Climate Variability over the Circum-Caribbean Region during the Past 1200 Years from Oxygen-Isotope Analyses of Lake Sediments.” The duration of the project is January 2013 to July 2014.

**Dr Parris Lyew-Ayee** was awarded a research grant of US\$12,500 by the World Bank for a project (completed in June 2013) on “An Assessment of the Impact of Floods and Landslides on the Jamaican Transport Infrastructure.”

**Dr Arpita Mandal** received a grant of US\$78,000 for the CARIBSAVE-CDKN project “Climate Change and Inland Flooding in Jamaica: Risk and Adaptation Measures for Vulnerable Communities,” for the period January 2013 to July 2014. Dr Mandal is the principal investigator, with collaboration from the Department of Geography at UWI St Augustine, the Climate Change Studies Group at UWI Mona, and the Jamaica Conservation and Development Trust.

Taneisha Edwards (PhD Geology) and **Professor Simon Mitchell** received a grant of US\$1,700 from the Geological Society of America for her studies on stable isotopes.

**Dr Kevon Rhiney** was the principal investigator on a three-month project (beginning July 2013) entitled “Socio-Economic Census and Carrying Capacity Study of the Pedro Cays (Northeast and Middle Cays),” funded by a grant of J\$4,989,000 from the Ministry of Agriculture and Fisheries, Jamaica. The project collaborators were Anestoria Shalkowski, Dale Webber, Mona Webber, April Baptiste and Llewelyn Meggs.

Lloyd Waller (principal investigator), **Dr Kevon Rhiney** and Abdullahi Abdulkadri received a Caribbean Development Fund grant for a project entitled “Comparative Analysis between LDCs and MDCs within the Caribbean Single Market and Economy and Predictions of Agglomeration.”

**PAPERS PRESENTED**

**David Barker**

- (with K. Rhiney and D. Campbell) 'Impacts of climate change on coffee production in Jamaica: preliminary insights.' Annual Meeting of the Southeastern Division of the Association of American Geographers, Asheville, North Carolina, USA, November 18–20, 2012.

**Donovan Blissett**

- (with S. Mitchell) 'Palaeoecology of reworked diagenetic concretions from the Cretaceous of Jamaica.' Geological Society of Trinidad and Tobago, 5th Geological Conference, September 3–5, 2012.

**Michael Burn**

- (with B.S. Whitney, K. Fitzpatrick, S.E. Metcalfe, N.J. Loader, W. Surangi, W. Punyasena and F.E. Mayle) 'The Pleistocene-Holocene transition in continental South America: summary of multiproxy data from Laguna La Gaiba.' Calibrating Environmental Leads and Lags over the Last 50 kyr CELL-50K Workshop, Budapest, Hungary, November 12–15, 2012.

**Sherene James-Williamson**

- (with P.E. Green) 'Geoconservation and geoarchitecture surrounding archaeology at the town of Sevilla in Jamaica.' Archaeological Society of Jamaica Symposium, April 11, 2013, UWI Mona.
- 'Criteria for the characterization of high-purity limestone in Jamaica.' 49th Forum on Industrial Minerals, Kingston, Jamaica, June 24–29, 2013.

**Parris Lyew-Ayee**

- (with E. Ward and D. Ashley) 'The impact of violence post-Independence on Jamaican health services.' SALISES 50/50 Conference, University of the West Indies, Kingston, Jamaica, August 20–24, 2012.



- (with D. Thompson, T. Forrester, C. Taylor-Bryan, M. Boyne and L. Green) 'The socio-economic co-relates of severe childhood under-nutrition in Jamaica (2000–2013).' TMRI Research Seminar Series, University of the West Indies, Kingston, Jamaica, June 2013.

### **Arpita Mandal**

- (with L. Barrett) 'Flooding in Jamaica, damage to infrastructure and water supply systems.' AEG Annual Meeting, Salt Lake City, Utah, USA, September 15–21, 2012.
- (with D. Smith) 'IWRM in university education – courses related to water resources and IWRM taught at UWI Mona.' Global Water Partnership Caribbean Workshop, Barbados, June 5–6, 2013.

### **David Miller**

- (with A. Pearson, W. Mulder and T. Rodriguez) 'The impact of Hurricane Sandy on selected south coast beaches, Jamaica, West Indies.' Annual Meeting of the Association of American Geographers, Los Angeles, California, USA, April 9–13, 2013.

### **Simon Mitchell**

- (with D. Blissett) 'Palaeoecology of reworked diagenetic concretions from the Cretaceous of Jamaica.' Geological Society of Trinidad and Tobago, 5th Geological Conference, September 3–5, 2012.
- (with K. Tankoo and L. Brown) 'The geology and structure of the Late Eocene to Late Miocene carbonates, north coast belt, Jamaica: implications for hydrocarbon exploration.' Geological Society of Trinidad and Tobago, 5th Geological Conference, September 3–5, 2012.
- 'Rise and fall of American rudist bivalves.' Geological Society of Trinidad and Tobago, 5th Geological Conference, September 3–5, 2012.
- (with T. Edwards) 'Rapidly cemented sandstones and conglomerates (beachrock) on the Jamaican coast.' Geological Society of Trinidad and Tobago, 5th Geological Conference, September 3–5, 2012.

- (with T.M. Puckett and J.P. Colin) 'New taxa of late Cretaceous (Maastrichtian) marine ostracodes from Jamaica and their paleobiogeographic relationships to the surrounding regions.' GSA Annual Conference, Charlottesville, USA, November 4, 2012.
- 'Hydrocarbon exploration, offshore Jamaica.' The Future of the Caribbean Sea, Faculty of Science and Technology, UWI Mona, December 6–7, 2012.
- 'Lucas Barrett and the Geological Survey of Jamaica 150 years after his death.' Geological Society of Jamaica meeting, December 19, 2012.
- 'Oil exploration potential in Jamaica.' V Cuban Earth Science Convention: Geoscience in the Service of Society and Development, Havana, Cuba, April 1–5, 2013.
- (with K. Tankoo and L. Brown) 'Sedimentology, stratigraphy and structural signatures of Eocene-Miocene carbonates, north coast, Jamaica: regional tectonic implications and hydrocarbon.' AAPG Annual Convention and Exhibition, Pittsburgh, Pennsylvania, USA, May 19–22, 2013.
- 'Jamaican limestone resources – a geological basis for exploration and assessment.' 49th Forum on Industrial Minerals, Kingston, Jamaica. June 24–29, 2013.
- (with T. Edwards) '(Preliminary) petrographic and geochemical investigations of dolomitic limestones in Jamaica.' 49th Forum on Industrial Minerals, Kingston, Jamaica, June 24–29, 2013.

### **Kevon Rhiney**

- (with C. Hines, H. Wong and D. Campbell). 'A spatio-epidemiological study into the causes and triggers for asthma patients in the Accident and Emergency Department, Kingston Public Hospital, Kingston.' Fifth Kingston Public Hospital Clinic and Scientific Conference, Kingston, October 28, 2012.
- (with L. Waller and A. Symmonds) 'Measuring Caribbean integration: towards developing a model that measures disparities and cohesion

among CARICOM member states.’ Fifth CARICOM Regional Statistical Research Seminar, St George’s, Grenada, October 29–November 2, 2012.

- (with D. Campbell and D. Barker) ‘Impacts of climate change on coffee production in Jamaica: preliminary insights.’ Annual Meeting of the Southeastern Division of the Association of American Geographers, Asheville, North Carolina, USA, November 18–20, 2012.
- ‘Climate change, agriculture and food insecurity in the Caribbean: insights from Jamaica.’ Globe Lecture Series, Amsterdam Institute for Social Science Research, University of Amsterdam, February 28, 2013.
- ‘Farming against the odds: global change and small-scale farmer vulnerability in the Caribbean.’ Kellogg Sustainability Seminar Series, Kellogg College, Oxford University, UK, March 8, 2013.
- (with C. Hines and D. Campbell). ‘Effects of socio-environmental triggers on asthma-related hospital admissions in Kingston, Jamaica.’ Annual Meeting of the Association of American Geographers, Los Angeles, California, USA, April 9–13, 2013.

### **Thomas Stemann**

- ‘Transported coral associations in the Upper Bathyal Bowden Formation, Late Pliocene, Jamaica.’ Geological Society of America, November 2012, Charlotte, N.C., USA.
- ‘Early Cenozoic Caribbean coral communities from the Middle Eocene Chapelton Formation of Jamaica.’ Geological Society of America, March 2013, San Juan, Puerto Rico.

## **PUBLICATIONS**

### **Books and Journals**

#### **Sherene James-Williamson**

- (with S. Mitchell) Edited *Caribbean Journal of Earth Science*, Vol 45, 2012: The Ninth International Congress on Rudist Bivalves, Kingston, Jamaica, June 18–25, 2011.

#### **Parris Lyew-Ayee**

- (with Rafi Ahmad) *Natural Hazards Atlas of Jamaica*, UWI Press, 2012.

#### **Simon Mitchell**

- Edited *Caribbean Journal of Earth Science*, Vol. 44, 2012: Tributes to Dr Raymond Wright.
- (with S. James-Williamson) Edited *Caribbean Journal of Earth Science*, Vol 45, 2012: The Ninth International Congress on Rudist Bivalves, Kingston, Jamaica, June 18–25, 2011.

### **Refereed Book Chapters and Journal Articles**

#### **David Barker**

- ‘Caribbean agriculture in a period of global change: vulnerabilities and opportunities.’ *Caribbean Studies*, 40(2), 2013, pp. 41–61.

#### **Sherene James-Williamson**

- (with S. Mitchell). ‘Revised lithostratigraphy of the Coastal Group of southeastern St Thomas, Jamaica.’ *Caribbean Journal of Earth Science*, 44, 2012, pp 9–17.

#### **Arpita Mandal**

- (with A. Maharaj) ‘Flooding in Jamaica with assessment of riverine inundation of Port Maria, St Mary.’ *Bulletin de la Société Géologique de France*, 184, 2013, pp 165–170.

David Miller

- (with A. Pearson and J. Robertson) 'Stories of Hellshire Part 1: the early years.' *Jamaica Journal*, 34 (1–2), pp. 80–87.

Simon Mitchell

- (with S. James and R. Ramsook) 'Mollusk shells.' In P. Allsworth-Jones and K. Wesler (eds.), 2012. *The Taino Settlement at Guayguata: Excavations in St Mary Parish, Jamaica*, Hadrian Books (British Archaeology Reports), Oxford, 2012, pp. 82–107.
- (with S. James-Williamson). "Revised lithostratigraphy of the Coastal Group of southeastern St Thomas, Jamaica.' *Caribbean Journal of Earth Science*, 44, 2012, pp. 9–17.
- (with J. Fisher) 'Lithostratigraphy of the Grange Inlier, Westmoreland, Jamaica.' *Caribbean Journal of Earth Science*, 44, 2012, pp. 19–24.
- (with D.K. Hennhofer and S. Gotz) 'Palaeobiology of a Biradiolites mooretownensis rudist lithosome: seasonality, reproductive cyclicality and population dynamics.' *Lethaia*, 45, 2012, pp. 450–461.
- (with A.R. Hastie, P. Treloara, A.C. Kerr, I. Neill and D.N. Barford) 'Geochemical components in a Cretaceous island arc: the Th/La-(Ce/Ce\*) Nd diagram and implications for subduction initiation in the inter-American region.' *Lithos*, 162-163, 2012, pp. 57–69.
- (with T.M. Puckett and J.-P. Colin) 'New species and genera of Ostracoda from the Maastrichtian (Late Cretaceous) of Jamaica.' *Micropalaeontology*, 58(5), 2012, pp. 397–455.
- 'Stratigraphy of the White Limestone of Jamaica.' *Bulletin de la Société Géologique de France*, 184, 1–2, 2013, pp. 111–118.
- 'A revision of selected Lower Cretaceous American caprinoid rudists: implications for phylogeny and biostratigraphy.' *Caribbean Journal of Earth Science*, 45, 2013, pp. 47–75.
- 'A new rudist bivalve *Curtocaprina clabaughkinsorum* gen. et sp. nov. from the Middle Albian of Texas and its bearing on the origin of

the Ichthyosarcolitidae Douville.’ *Caribbean Journal of Earth Science*, 45, 2013, 85–89.

- (with J.-P. Masse and M. Frenerci-Masse) ‘Revision of Praecaprina? Pennyi (Harris and Hodson) (Caribbean caprinoid rudist): its placement in Pantojaloria Alencaster: taxonomic, stratigraphic and evolutionary implications.’ *Caribbean Journal of Earth Science*, 45, 2013, 99–105.

### **Kevon Rhiney**

- (with R. Cruse) “‘Trench Town Rock’”: reggae music, landscape inscription and the making of place in Kingston.’ *Urban Studies Research*, 2012. <http://www.hindawi.com/journals/ustr/2012/585160/>.

### **Thomas Stemann**

- ‘Baroniceris Barta Calmus and Chevalier, 1980, p 200.’ In S.D. Cains, R. Baron-Szabo, A.F. Budd, B. Lathuiliere, E. Roniewicz, J. Stolarski & K.G. Johnson (eds.), 2013, *CoralloSphere*. <http://corallosphere.org/taxon/1845>

### **Non-Refereed Papers**

#### **David Barker**

- ‘Farmers’ markets and food miles.’ *Carib Explorer*, 3, 2012, pp 27–29.
- ‘Santiago de Cuba: a photo tour of the city.’ *Carib Explorer*, 3, 2012, pp 42–47.

### **Technical Reports**

#### **Kevon Rhiney**

- (with L. Waller and A. Abdulkadri) ‘Comparative Analysis between LDCs and MDCs within the Caribbean Single Market and Economy and Predictions of Agglomeration.’ Submitted to Caribbean Development Fund, Barbados, 2013. 87 pp.

**PUBLIC SERVICE**

**David Barker**

- Editor, *Caribbean Geography*.
- Convenor, CAPE Geography.
- Member, Editorial Committee, *Carib Xplorer*.
- Member, Editorial Board, *Caribbean Quarterly*.
- Council member, Jamaican Geographical Society.
- Caribbean representative, Executive Steering Committee, Southeastern Regional Subdivision of the Association of American Geographers .
- Member, Scientific Committee advising CEREGMIA Université des Antilles et de la Guyane, Martinique.

**Donovan Blissett**

- Vice-President, Geological Society of Jamaica.
- Member, Commission on Jamaican Lithostratigraphy.

**Sherene James-Williamson**

- President, Geological Society of Jamaica.

**Parris Lyew-Ayee**

- Chairman, Board of Directors, Water Resources Authority (member, Financial Committee; member, Technical Committee).
- Chairman, Advisory Committee, National Works Agency.
- Member, Crime Management Working Group, Ministry of Health and Jamaica Constabulary Force.
- Member, Hazard Risk Reduction and Climate Change Task Force, Planning Institute of Jamaica.
- Member, National Commission on Science and Technology.
- Member, Climate Change Advisory Board, Ministry of Water, Land, Environment and Climate Change.

- Member, Disaster Risk Reduction Committee, Office of the Prime Minister.
- Adjunct Faculty member, Disaster Risk Reduction Centre, UWI.
- Member, Private Sector Organization of Jamaica.
- Member, Board of Directors, Kencasa Property Development Co.
- Innovation Consultant, Innovation Advisory Council, GraceKennedy Ltd.
- Member, Board of Directors, GraceKennedy Ltd. (member, Audit Committee; member, Banking Committee; member, Corporate Governance Committee).
- Member, Board of Directors, Grace Foods and Services Ltd.

#### **Arpita Mandal**

- Member, Global Water Partnership.
- Council member, Geological Society of Jamaica.
- Member, Technical Committee, Water Resources Authority (up to June 2013).

#### **Simon Mitchell**

- Permanent member, Standing Committee for the Caribbean Geological Conferences.
- Member, Scientific Committee, International Rudist Congress.
- Chairman, Commission on Jamaican Lithostratigraphy.
- Council member, Geological Society of Jamaica.
- Editor, *Caribbean Journal of Earth Science*.
- Editor, *UWI Contributions to Geology*.
- Associate Editor, Carnets de Géologie, Département des Sciences de la Terre, UFR Sciences et Techniques, Université de Bretagne Occidentale, France.
- Member, Editorial Board, *The Scientific World Journal*.

#### **Kevon Rhiney**

- President, Jamaican Geographical Society.



**VISITORS**

- Dr April Baptiste, Department of Environmental Studies, Colgate University, USA.
- Dr Neil Brown, The Pennsylvania State University, USA.
- Dr David Howard, Sustainable Urban Development Programme, Oxford University, UK.
- Professor Dave Lentz, Chair in Economic Geology, University of New Brunswick, Canada.
- Dr Christian Reni, International Development Studies, University of Amsterdam, The Netherlands.
- Mr Kemal Siddique, Singapore’s non-resident Ambassador to CARICOM, and Dr Sharon Siddique.
- Mr Layla ‘Kip’ Smith, President and CEO of Noranda Aluminum (USA).
- Professor Bernard Thraves and Dr Johannes Koch and students from the University of Regina and Brandon University, Canada.
- Dr Hannes Warnecke, Institute for Political Science, Leipzig University, Germany.
- Dr Matthew Wilson, Department of Geography, UWI, St Augustine.

**CATEGORIES OF STUDENTS**

**Undergraduate Students: Geography**

Year I	110
Year II	35
Year III	30

**Undergraduate Students: Geology**

Year I	80
Year II	35
Year III	30

**Postgraduate Students**

MPhil Geography	4
MPhil Geology	1
PhD Geography	4
PhD Geology	2

## DEPARTMENT OF LIFE SCIENCES



**Dr. Mona Webber** BSc (Hons.) MPhil PhD *UWI*  
Head of Department

### **WORK OF THE DEPARTMENT**

The Department of Life Sciences (DLS) continued through 2012/13 to strive for excellence in teaching, research and outreach so as to realise the mission of the University of the West Indies by making available high quality education and training for students in all areas of Biology such that they can contribute positively and become leaders in national, regional and global arenas.

#### **Undergraduate Curriculum:**

The Department was able to complete all aspects of the undergraduate curriculum reform with addition of courses designed to help our graduates transition to the world of work or to graduate research. To this end the first batch of 17 students completed the Internship course (BIOL3412) and two new undergraduate projects courses were made available to the final year class of 2012/13. Finalizing students can now do a 3-credit

project or a 6-credit project as part of their degree. All students pursuing a BSc degree in Environmental or Experimental Biology must complete either a project or the internship course in an area related to the major; and students in the Horticulture major must complete both project and internship courses.

### **Graduate Programmes**

The revised MSc in Plant Production and Protection (PPP) and MSc in Marine and Terrestrial Ecosystems (MaTE) will again be offered to students for the 2013/14 academic year. The newly revised MSc PPP was not offered in 2012/13 due to low enrolment. At the request of the students, the MSc MaTE was taught for the first time as a full-time evening programme. This, however, proved too intensive for students, most of whom had full-time jobs and so the programme will revert to the part-time delivery for 2013/14. Ideally, the programme should be delivered in both full-time and part-time formats but additional resources and lecturers would have to be identified.

### **Student Enrolment**

The numbers of students enrolled in Level 1 Life Sciences courses in 2012/13 were maintained at the high levels (590) we have been experiencing over the past four years and as such the Saturday laboratory stream started in 2011/12 was again offered in 2012/13. This, along with repeat evening lectures, facilitated part-time students and as such a consistent number of attendees was maintained.

As expected, the numbers enrolled in Level 2 courses increased significantly in 2012/13 with core courses like Research Skills and Practices in Biology and Principles of Ecology increasing from 150 students in 2011/12 to 207 in 2012/13. This of course necessitated the addition of new lab streams and larger lecture rooms in the Faculty had to be time-tabled. At Level 3 the numbers were slightly higher compared to the previous year with a maximum of 67 in the Human Biology course which was taught for the first time in 2012/13.

### **Undergraduate Teaching & Student performance:**

Lecturer/Course assessments: In the 2012/13 academic year all lecturers and courses in Semesters 1 and 2 received course assessments of > 3.0. However, the percentage of lecturers and courses with ratings  $\geq 4.0$  indicated values of 62% and 72% for lecturers in Semesters 1 and 2 and 45% and 41% for courses in Semesters 1 and 2. While lecturer ratings are comparable to last year, courses on average received lower ratings from students. At the graduate level all lecturers and courses were rated at  $\geq 4.0$  by students in both semesters.

Percentage passes: The Level 1 courses maintained good percentage passes in 2012/13 academic year but these were lower than obtained in the previous year. Semester 1 courses (BIOL1017 and BIOL1018) averaged 61 and 80% pass, respectively, while semester 2 courses (BIOL1262 and BIOL1263) averaged 79 and 63%, respectively.

The performance of students at Level 2 was extremely variable. Again the highest percentage pass (95%) was obtained for the course Research Skills and Practices in Biology while the lowest passes were obtained in the Semester 2 Zoology courses Animal Form and Animal Physiology (39 and 52% passes, respectively). This has led us to review these two courses and make significant changes to their content and delivery.

### **Graduate Research Students**

Eight MPhil and two PhD students commenced higher degree programmes in 2012/13. Three students received Graduate Scholarships: Kurt Prospere, PhD, Forestry; Kimani Kitson-Walters, MPhil Marine Biology & Biotechnology; Nasheika Guyah MPhil in Marine Sciences and two students successfully upgraded from an MPhil to the PhD in 2012/13. These were: C. Adit Sharma and Rick van Veen.

Ten graduate students attended and presented at the Association of Marine Laboratories of the Caribbean biennial conference hosted by the Discovery Bay Marine Laboratory, Centre for Marine Sciences in June 2013. This generated ten new oral conference presentations and five

poster presentations from students. Invaluable assistance to facilitate student registration was received from Campus Committee for Graduate Studies and Research.

Three MPhil and three PhD students completed degrees in 2012/13. The degree specialization, names and supervisors of those completing in the reporting period are given below.

**MPhil Botany**

Beckford, Howard Dr. Kurt McLaren/Dr Jane Cohen

McLymont, Peter Dr. Jane Cohen

**PhD Environmental Biology**

Grey, Orville Professor Dale Webber

**MPhil Marine Sciences**

Mitchell, Achsah Dr. Mona Webber/Dr. Dayne Buddo

**PhD Marine Sciences**

Andrew Ross Dr. Mona Webber

**PhD Zoology**

Todd, Sacha-Renee Dr. Eric Hyslop

**SUMMER SCHOOL**

The DLS Summer School was again very efficiently managed by our summer school coordinator, Dr. Tannice Hall. 398 students registered for, and sat 38 courses. Many of the courses were ‘exams-only’ sittings of previously offered courses which were being made available to students who had passed the coursework. Summer School continues to provide the opportunity for students to recover from failure, thus completing their degree in a timely fashion and has also become a source of income generation for the Department. The summer semester also facilitated the offering of the Internship and Research Project courses which are difficult to schedule in the normal semesters.

## **PORT ROYAL MARINE LABORATORY**

The Port Royal Marine Laboratory continued to support teaching, research and outreach on the Campus by hosting UWI undergraduate and MSc classes, research students and staff from several departments on the campus. The number of users for the period again included weekly visits of 30–50 Marine Ecology, Coral Reef Biology and Fisheries Ecology UWI Mona Campus students. In addition, 48% of Life Sciences courses were provided with specimens for laboratory classes confined to the campus due to size or the need for specialist equipment.

The UWI/EFJ Biodiversity Centre offered “camps” to children (ages 6–18) during both the Easter and summer periods. The Easter holiday trips (April 2–4, 2013) and “Marine Mania” summer camps (July 2013) which were being offered for the first time were hugely successful with maximum spaces taken in all camp groups save in the oldest age category (15–18 years). 180 persons were hosted for the Easter day-trips which targeted primarily UWI Mona Campus staff and their children and 52 campers participated in the set of three, week-long summer camps.

Numbers of other visitors to the facility during 2012/13 were approximately 2074, down from 2,758 in 2011/12. Visitors came from institutions like NEPA, CL Environmental, Natural History Society, Royal Jamaica Yacht Club, Texas A & M Marine Archaeology group, Kings College and University of South Florida and schools like AISK, Ardenne High, Black River High, Buff Bay High, Champion College, Charlie Smith High, Edwin Allen High, Holy Childhood High, Meadowbrook High, Paul Bogle High, St. Joseph’s Infant, Suthermere Prep. and Wilmor Prep. as well as teacher’s colleges and other tertiary institutions.

The Iguana Conservation Project (Disney grant to Professor Byron Wilson) funded 557 students with 59 teachers from 9 schools in the vicinity of the Hellshire Hills and other parts of St Catherine to visit the Biodiversity Centre where two Jamaican iguanas form part of the outdoor display.

**CENTRE FOR MARINE SCIENCES (CMS) DISCOVERY  
BAY MARINE LAB (DBML)**

**Hyperbaric Chamber Commissioning Ceremony**

On March 13, 2013, the Centre for Marine Sciences (CMS) hosted the commissioning ceremony of the IHC Hytech Hyperbaric Chamber at the Discovery Bay Marine Laboratory in St. Ann. The chamber is the only functional unit on the island serving as a focal point for the treatment of scuba diving accidents (tourists, local sports divers and commercial fishermen) on behalf of the emergency health services. Funding for the chamber was made possible through the Office of the Principal and a grant from the Tourism Enhancement Fund (TEF) to the CMS. Principal, Professor Gordon Shirley, brought greetings from the University as well as Minister of State, Ministry of Foreign Affairs and Foreign Trade and Chairman of the National Council on Ocean and Coastal Zone Management, Honourable Arnaldo Brown. The Minister of Tourism, Dr. Wykeham McNeill, gave the keynote message while Dr. Camille Bell-Hutchinson and Mr Clyde Harrison Executive Director of the Tourism Enhancement Fund unveiled a plaque from the TEF.

**Association of Marine Laboratories (AMLC) 36th Scientific Meeting held  
June 17–21, 2013**

The AMLC meeting was hosted by the DBML/CMS/DLS and was held at the Sunset Jamaica Grande Hotel in Ocho Rios between June 17 and 21, 2013. The theme was “Managing for sustainability and resilience: challenges for CZM in the Caribbean”.

A total of 60 *Oral Presentations* in 13 sessions were heard over the five days (of which 10 were by UWI staff and students) and 40 posters were mounted (with 5 being from the UWI) making a total of 100 presentations with 15% UWI participation. Six students attended with four (Denise Chin, Achsah Mitchell, Rachel Allen and Andrew Ross) presenting orals. Ten staff attended and presented. A further 12 UWI staff and students will benefit from the scientific meeting as co-authors of the publications



which will be placed in a special edition of the peer reviewed *International Journal for Tropical Biology*. This brings the total UWI personnel to benefit to 27.

The meeting provided an excellent opportunity for Caribbean integration with 123 registered participants (51 students; 51 academic staff; 12 institutional representatives and 9 non-members who attended as speakers and facilitators) from 19 countries representing 41 academic institutions.

**The Discovery Bay Marine Laboratory** hosted 2,250 visitors (590 from UWI, 1477 local visitors and 188 from overseas). Over the reporting period visitors came from institutions such as Brown's Town Community College, CASE, Columbus Prep School, Duncans All Age, Green Pong High School and Moneague Teachers College. Overseas visitors came from institutions including Bermuda Institute of Ocean science, Hamline University, McMaster University, Stony Brook University and University of Bedfordshire.

During the 2012–13 year, 18 SCUBA diving accidents were reported to DBML of which 15 were treated in the new Chamber. Eleven (11) of those treated (as well as the three not treated) were local Fishermen /divers from the south coast. A Commercial Diver was also treated by DBML. The remaining three cases were Tourists from various north coast hotels.

All cases were dealt with using US Navy Table 6 treatment protocols and were either satisfactorily resolved or demonstrated marked improvement of their symptoms before leaving the Chamber facility.

#### **AGRRA TRAINING – JAMAICA 21–23, JUNE 2013**

Following the AMLC Scientific Meeting Dr Judith Lang (Scientific Coordinator for the AGRRA Project – Atlantic and Gulf Rapid Reef Assessment) ran a 2-day workshop at Discovery Bay for reef scientists on the AGRRA method for reef health assessment. The workshop comprised informal lectures, interactive discussions and practice coral and benthic survey dives using the AGRRA method.

Nine of the fourteen participants were from the Department of Life Sciences (DLS), and a number from the University Sub-Aqua Club, providing an excellent opportunity for DLS staff and students to be trained in a powerful regional management tool for tracking reef health.

After a successful workshop we now aim to source funding for further in-country training to increase the number of volunteer divers and to develop a national reef survey using the AGRRA method.

## **DLS STAFF CHANGES AND RESEARCH ACTIVITY HIGHLIGHTS**

### **Staff Changes**

Life Sciences has struggled to maintain the necessary complement of permanent, full-time lecturing staff in the face of losses due to retirement, resignation and secondment. One new full-time staff member was recruited in the 2012/13 academic year in the area of Plant Sciences/Ecology (alleviating somewhat the loss of Professors Coates Beckford and Webber) but there is still urgent need to fill vacancies in the areas of Animal Sciences/Physiology and most recently, Coral Reef Biology.

During 2012/13 academic year, **Dr. Byron Wilson** was promoted to the rank of Professor with his title being Professor of Conservation Biology.

The 2012/13 academic year also saw the resignation of Dr. Judith Mendes, Coral Reef Biologist who has been temporarily replaced by **Dr. Suzanne Palmer** and the appointment of **Dr. Philip Rose** to the post of Lecturer in Plant Sciences.

The department also said farewell to **Mr. Delcovery (Dennis) Worrell** who retired in July after over 40 years of service to the University.

Finally, it was with tremendous sadness that the DLS family bade farewell to Mr. Hugh Earle Lounges, Teaching Assistant for first year Biology, who passed on in January 2013.

### **Principal's Research Days Awards**

Four academic staff members, one graduate student along with other staff in Life Sciences received The Principal's Research Awards for 2013 as follows:

- Award for Best Researcher (shared by): **Professor Nouredine Benkeblia** and **Dr. Kurt McLaren**
- Award for Research Project attracting the greatest funds (J\$21,635,530.): **Professor Dale Webber** and **Mr. Peter Gayle** for Dry Limestone Conservation project – DBML
- Award for Research Project with the Greatest Business/Economic/ Development Impact: **Dr. Mona Webber** and **Mrs Sophia Davis** (PhD Student) along with Mr. Camilo Trench, Mr. Hugh Small and Ms. Sharda Spence for the UWI/EFJ/PRML Biodiversity Centre Project.

### **Research Output (Publications)**

During 2012/13 the research output of the DLS consisted of 11 refereed publications, 28 conference presentations and 1 non-refereed article/ technical report. The crude average, based upon 14 permanent academic staff and 4 at Principal Scientific Officer level or above, a total of 18 staff producing in these categories, gives 2.17 publications per staff member when all categories of publications are considered (total = 39). This is ~40% less than the average of 3.66 publications from 2011/12 but similar to that of the previous year.

### **Targets**

Targets indicated for 2012/13 in the 2011/12 report were:

1. Improvement in the quality of the experience and training for MPhil and PhD students as well as increasing the PhD: MPhil student ratio in the Department.

2. Improved collegiality through the regular hosting of, or participation by staff and students in, seminars/ workshops/ international conferences.
3. Engagement, training and empowering of administrative and technical staff in the Department.

There has been some progress towards the meeting of these targets but there is more work to be done so as to realise measurable and long-lasting success.

There was obvious improvement of the quality and performance of technical staff of which, 66% have BSc degrees in Biology (inclusive of two with PhD degrees and one with an MPhil degree). Our Scientific officers, technicians, gardeners and other ancillary staff must be commended for rising to the challenge of increased numbers of students coupled with significant curriculum changes in the 2012/13 academic year.

## **LIST OF DEPARTMENTAL PUBLICATIONS**

### **Papers presented**

- Ennis, Z. and Aiken, K. (2013) “The spearfishing sub-sector in Jamaica: a large and growing threat.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica.
- Benkeblia, N. (2013). Metabolomics and Postharvest Sciences: Challenges and Perspectives. III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago.
- Benkeblia, N. (2013). Logistic Systems and Management in Jamaica in the Fruit and Vegetable Industry: State, Limitations and Opportunities. III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago.

- Emanuel, M. and **Benkeblia, N.** (2013). The relationship between Firmness, Skin Colour, Dry matter and Maturity stages of Ackee fruit (*Blighia sapida*). III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago.
- Boyd, F.H. and **Benkeblia, N.** (2013). In Vitro Evaluation of Antimicrobial Activity of Crude Extracts of *Pimenta dioica* L (Merr.). III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago.
- Diop, B. and **Benkeblia, N.** (2013). Correlation Between Skin Colour, Firmness, Dry Matter and Maturity Mango (*Mangifera indica* c.v. East Indian). III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago.
- Richards, R. and **Benkeblia, N.** (2013). Investigation of Some Maturity and Ripening Parameters of West India Cherry (*Malpighia emarginata*.) III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago.
- Steen, S. and **Benkeblia, N.** (2013). Variation of Reducing and Total Sugars in Onion (*Allium cepa*) Bulb Tissues During Growing and Bulbing Stages. III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago.
- Emanuel, M. and **Benkeblia, N.** (2013). Variation of Total and Reducing Sugars, Total Phenols and Chlorophylls in Sour sop (*Annona muricata*) during “on tree” ripening stages. III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago. *Poster*.
- Emanuel, M., Richards, R. and **Benkeblia, N.** (2013). Variation of Total and Reducing Sugars, Total Phenols and Total Anthrocyanins

in Custard apple (*Annona reticulata*) during “on tree” ripening stages. III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago. *Poster*.

- Emanuel, M., Diop, B. and **Benkeblia, N.** (2013). Variation of Total and Reducing Sugars, Total Phenols and Chlorophylls in Sweet sop (*Annona aquamosa*) during “on tree” ripening stages. III International Conference on Postharvest and Quality Management of Horticultural Products of Interest for Tropical Regions, July 1–5, Port of Spain, Trinidad and Tobago. *Poster*.
- **Buddo, D.** and Maxam, A. (2013) “The use of biology, oceanography and geographic information systems to manage the release of ballast water in Kingston Harbour, Jamaica.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica.
- Reid, N. T. P. and **Cohen, J.** Alternative weed management strategies for vegetables: solarization and mulching in onions. Caribbean Food Crops Society (CFCS) 49th Annual Meeting, 30 June to 6 July, Trinidad; *Oral and abstracts book*.
- Charpentier, B. and **Gayle, P.** (2013) “The role of colony size in the resistance and tolerance of Scleratinian corals to temperature-induced bleaching on Jamaica's north shore reefs.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica. *Poster*.
- **Hyslop, E.** (2012) Research in Freshwater Ecology in Jamaica: an overview of the past 15 years of research. Freshwater Biological Association Annual Conference, University of Glasgow, Scotland. July 10–11, 2012. *Poster*.
- **Robinson R.D.** and **Wilson B.S.** (2012). Wither environmental ethics? Fifty-Fifty: Critical Reflections in a Time of Uncertainty (SALISES), Kingston, Jamaica (August 20–24, 2012).
- Johnson L, **Tennant, P.** 2012. Viruses infecting Sweet Potato in

Jamaica. 16th Triennial Symposium, International Society for Tropical Root Crops. Federal University of Agriculture, Abeokuta, Nigeria, September 23–8, 2012.

- Ross-Davis, A, Graça, R, Alfenas A, Peever T, Hanna J, Uchida J, Hauff R, Kadooka C, Kim M, Cannon P, Namba S, Minato N, Simento S, Perez C, Rayamajhi M, Morán M, Lodge D, Arguedas M, Medel-Ortiz, R, López-Ramirez M, **Tennant P**, Glen M, Klopfenstein N. 2013. Tracking the distribution of the pandemic *Puccinia psidii* genotypes. Annual meeting of the American Phytopathological Association Austin, Texas, August 10–12.
- Ainsworth, P. and **Webber, D.** (2013) “The determination of the breeding success of the masked booby, *Sula dactylatra-dactylatra* at Middle Cay, Pedro Bank, Jamaica.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica.
- Allen, R. and **Webber, D.** (2013) “The fishers of the Pedro Bank, Jamaica: a livelihood analysis.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica.
- Grey, O. and **Webber, D.** (2013) “Application of the soil and water assessment tool (SWAT MODEL) on a small tropical island state (Great River Watershed, Jamaica) as a tool in integrated watershed and coastal zone management.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica.
- Small, H.; Lue, K.; **Webber, D.** and **Webber, M.** (2013) “The planktonic communities of the Jamaican south eastern coastal shelf; a comparison of harbour, coastal shelf and offshore oceanic bank areas”. Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica.
- Liu, H.; Broomfield, S.; Duncan, A.; Grant, L.; **Webber, D.**; **Webber, M.** (2013) “A survey of phytoplankton and water quality of Kingston Harbour and the north east Hellshire coastline, Jamaica.”

Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica. *Poster*.

- Trench, C.; Small, H.; Morrison, L.; **Webber, D.**; **Webber, M.** (2013) “Rackham’s Cay cut face coral succession study.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica. *Poster*.
- Chin, D.; **Webber, M.**; **Webber, D.** (2013) “Spatial variation of the coral reefs in Foul and Folly Bays, St. Thomas, Jamaica.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013. Ocho Rios, Jamaica.
- Francis, P.; Maxam, S.; **Webber, M.** (2013) “Rapid reassessment of zooplankton communities for the resource management of Kingston Harbour, Jamaica.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013. Ocho Rios, Jamaica. *Poster*.
- Guyah, N.; **Webber, M.**; Persad, G.; Francis, P. (2013) “Are our marine protected areas protecting our juvenile stocks? A three month survey of Ichthyoplankton in Jamaican waters.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013 Ocho Rios, Jamaica. *Poster*.
- Mitchell, A.; **Webber, M.**; **Buddo, D.**; **Webber, D.** (2013) “Sampling and analysis of ballast water in the Jamaican scenario.” Paper presented at the 36th meeting of the Association of Marine Laboratories of the Caribbean held June 17–21, 2013. Ocho Rios, Jamaica.

## REFEREED PUBLICATIONS

### Books, Book Chapters and Monographs:

- **Benkeblia, N.** (2012). Postharvest diseases and disorders of potato tuber *Solanum tuberosum* L. In: *Potatoes: Production, consumption and health benefits*. Caprara C. (Ed.). Nova Science Publisher Inc., New York, pp. 99–114.



- **Buddo, D.** (2012) Legal and Regulatory Considerations for Lionfish Management. In *Invasive Lionfish: a guide to Control and Management*. Edited by James A. Morris.
- **Tennant P.** and Fuchs M. 2012. Transgenic crops resistant to fungal, bacterial and viral pathogens. In: Meyers RA (ed). *Encyclopedia of Sustainability: Science and Technology*. Springer Science+ Business Media, LLC. pp. 10694–10713.

### Journal Articles

- **Aiken, K.** 2012. Managing Jamaica's Conch Industry. Marine Biology article in *Caribxplorer*. 3: 23–26.
- Emanuel, M. A., Gutierrez-Orozco, F., Yahia, E.M. and **Benkeblia, N.** (2013). Assessment and profiling of the fatty acids in two ackee fruit (*Blighia sapida* Koenig) varieties during different ripening stages. *Journal of the Science of Food and Agriculture*, 93: 722–726.
- Emanuel, M.A. and **Benkeblia, N.** (2012). Adding value to tropical fruits – the case of the Jamaican ackee industry: Lessons for policy and practice. Knowledge for Development, Technical Centre for Agricultural and Rural Cooperation (CTA), <http://knowledge.cta.int/Dossiers/S-T-Issues/Innovations-in-tropical-food-processing/Feature-articles/Adding-Value-to-Tropical-Fruits-The-Case-of-the-Jamaican-Ackee-Industry-Lessons-for-Policy-and-Practice>.
- **Buddo, D St. A., R. Steele, MK Webber** (2012). Public health risks posed by the invasive Indo-Pacific green mussel, *Perna viridis* (Linnaeus, 1758) in Kingston Harbour, Jamaica. *Bioinvasions Record* 1:3 171–178.
- Cowie, Robert H., James R. Hollyer, Alexandre J. da Silva, Robert G. Hollingsworth, Marlena C. Dixon, Praphathip Eamsobhana, LeAnne Fox, William L. Gosnell, Kay Howe, Stuart Johnson, Kenton J. Kramer, John F. Lindo, Zhao-Rong Lun, Arnaldo Maldonado, Jr., Alessandra L. Morassutti, Gerald S. Murphy, Sarah Y. Park, Yvonne Qvarnstrom, **Ralph D. Robinson**, Kittisak

Sawanyawisuth, John Teem, Silvana C. Thiengo, Cheridah D. Todd, Hung-Chin Tsai, Gordon D. Wallace, Cecelia A. Waugh, A. Christian Whelen, Patricia P. Wilkins, Ting-Bao Yang (2012). Workshop on research priorities for management and treatment of angiostrongyliasis. Emerging Infectious Diseases [Internet] <http://dx.doi.org/10.3201/eid1812.120499>

- Fisher L, Tennant P, Mc Laughlin W. 2013. Diversity of *Citrus tristeza* virus in Jamaica. *Journal of Plant Pathology* 95: 201–206.
- McLaren, I. and Webber, D. (2013) The use of select writing across the curriculum strategies and their impact on science students' attitude to writing: A comparison of outcomes for two undergraduate Biology courses. *Global Journal of Human Social Science, Linguistics & Education* 13(6): 1–11.
- Parham, J.F., T. J. Papenfuss, P. P. van Dijk, B. S. Wilson, C. Marte, L. R. Schettino, and W. B. Simison. 2013. Genetic introgression and hybridization in Antillean freshwater turtles (Trachemys) revealed by coalescent analyses of mitochondrial and cloned nuclear markers. *Molecular Phylogenetics and Evolution*.

#### **Technical Reports and Non-peer Reviewed Articles**

- Ennis, Z. & K.A. Aiken. 2012. "Re-investigation of the spearfishing sub-sector of Jamaica". Proc. 65th Annual Meeting of the Gulf & Caribbean Fisheries Institute, Puerto Morelos, Cancun, Mexico, Novemeber 2011.

#### **WORKSHOP PRESENTATIONS**

- **Dr. Karl Aiken** was invited as a marine fish expert to participated in the Third Caribbean IUCN Fish Red List Workshop, held at the Normandie Hotel, Port of Spain, Trinidad & Tobago, January 28th to February 1st, 2013, where more than 200 species of marine fishes were assessed for their conservation status by a team of 25 experts mainly from the US.

- **Dr. Karl Aiken** was also invited as Resource Person to the Caribbean Regional Fisheries Mechanism (CRFM)/ACP2 Queen Conch Regional Management Workshop, held from 6–8 June, 2013 in Kingstown, St. Vincent & the Grenadines, Eastern Caribbean, with 30 participants from the US & Caribbean.
- **Dr. Karl Aiken** was invited by the Caribbean Coastal Area Management Foundation or CCAMF (managers of Portland Bight Protected Area) to make a multimedia presentation entitled “The Jamaican Fishing Industry: Protecting our Seas for Future Use”, at the 2013 Annual Fishermen’s Conference, on Wednesday 26th June 2013, held at the Farmers’ Training Centre, Twickenham Park, St. Catherine.
- **Professor Dale Webber** presented a paper entitled: “Opportunities and Synergies Available for Building National and Regional Capacities to Conduct Marine Assessments for the Regular Process” to the Workshop For The Wider Caribbean Region (WCR) under the auspices of the United Nations, in support of the UN Regular Process for Global Reporting and Assessment of the State of the Marine Environment, Including Socioeconomic Aspects from 13–15 November 2012 at Sheraton Miami Airport Hotel & Executive Meeting Center Miami, Florida, U.S.A.
- **Professor Dale Webber** gave the annual American Friends of Jamaica/Cobb Family Lecture titled “Funding Environmental Research at the UWI: An Investment in the Future.” On Thursday February 7, 2013.
- **Professor Dale Webber** made a presentation titled “Environmental Issues: Global and Regional Perspectives” to the Annual Judicial Conference of the Organisation of Eastern Caribbean States in St. Lucia, October 18–19, 2013.

## **INCOME GENERATION**

### **Externally Funded Research Grants:**

#### **Dr. Karl Aiken**

Ministry of Agriculture & Fisheries, Fisheries Development & Management Fund, for Project titled “Investigation of status of the Industrial Spiny Lobster Fishery on Pedro Bank”, June–December 2013. Value – J\$1.5 Million.

#### **Professor Dale Webber**

DBML (CMS) Seagrass Rehabilitation Project: E. Pihl & Son – Value US\$150,000.

DBML (CMS) Coral Habitat Restoration Project: Noranda Jamaica Bauxite Partners – Value US\$167,000.

### **Public Service**

#### **Dr Karl Aiken**

- Member, Pool of Experts, United Nations World Ocean Assessment Programme 2010–2015.
- Member of the Board of Directors of the Caribbean Coastal Area Management Foundation (CCAMF).
- Member, CITES Scientific Authority of Jamaica – NEPA.
- Fisheries Advisory Board of Ministry of Agriculture & Fisheries (Board member & Chair of Fish Sanctuaries sub-committee).
- Member, Aquaculture Industry Advisory Board, Ministry of Agriculture, Fisheries.

#### **Professor Nouredine Benkeblia**

- Appointed member of the Editorial Board of journal: Dataset Papers in Agriculture.

## Department of Life Sciences

- Appointed member of the Editorial Board of *eSCI Journal of Crop Production*.
- Appointed member of the Editorial Board of *International Journal of Food Science, Nutrition and Dietetics*.
- Appointed member of the Editorial Board of *Journal of Food Chemistry and Nutrition*.
- Named a Full Member of the International Union of Conservation of Nature, (IUCN), Commission on Ecosystem Management (CEM).
- Appointed member of the Editorial Board of: *OnLine Journal of Biological Sciences*.

### **Mr. Frederick Boyd**

- Member, Standards Subcommittee, Jamaica Organic Agricultural Association (JOAM)
- Member, Phycological Society of America
- Member, *International Society for Horticultural Science*
- Member and Institution contact – Society for Economic Botany
- Member, *International Association for Plant Taxonomists*
- Member, Liaison for Department of Life Sciences / Nature Preservation Foundation
- Member, Research & Development and Seed Production Subcommittee, National Organic Agriculture Steering Committee (NOASC), Ministry of Agriculture
- External Examiner, Joint Board of Teacher Education (JBTE), Institute of Education, UWI, Mona.

### **Dr. Dayne Buddo**

- Chair, Regional Marine Invasive Species Working Group
- Member, Regional Lionfish Committee
- Resource Scientist, Regional Ballast Water Task Force
- Member, National Fish Sanctuaries Committee

- Member, National Steering Committee for the Regional Invasive Species Project
- Member, National Invasive Species Working Group

**Dr Jane Cohen**

- Plant Conservation Group, National Environment and Planning Agency (NEPA): member
- Education & Research Sub-Committee (Nature Preservation Foundation) for the Hope Royal Botanic Gardens: member.
- CITES Scientific Authority of Jamaica: vice-chair; Jamaican delegate to CITES 16th Conference of the Parties in Bangkok, 3–14 March 2013; member of Advisory Working Group on Evaluation of Significant Trade
- Member, Alien Invasive Species Working Group (NEPA-administered)
- Member, Jamaican Society for Agricultural Sciences
- Member, Caribbean Food Crops Society
- Member, Jamaica Organic Agricultural Association
- Member, Natural History Society of Jamaica

**Ms. Marcia Creary**

- Chairperson, National Biodiversity Clearing House Mechanism Steering Committee
- Acting Treasurer, University Sub Aqua Club
- Member, FCF Technical Review Committee
- Member, Diving sub-group of the working group on Fisheries Management and related matters of the National Council on Oceans and Coastal Zone Management
- Member, Marine Geology Unit Photo Database Advisory Committee
- Member, International Society for Reef Studies
- Member, Caribbean Academy of Sciences

**Mr. Peter Gayle**

- President, Association of Marine Laboratories of the Caribbean (AMLC)
- Member, Diving sub-group of the working group on Fisheries Management and related matters of the National Council on Oceans and Coastal Zone Management

**Dr. Eric Garraway**

- Member, Advisory Board, National History Division, Institute of Jamaica
- Advisor, Vincentian Students Association
- Member, Association of Tropical Lepidoptera
- Member, Natural History Society of Jamaica

**Dr. Eric Hyslop**

- Member, CXC Subject panel in Biology
- Jamaica Clearing-House Mechanism Steering Committee, Institute of Jamaica

**Dr. Judith Mendes**

- Member, Education Sub-Committee, International Society for Reef Studies; appointed while attending the “prestigious International Coral Reef Symposium (ICRS) in Australia” July 2012

**Dr. Kurt McLaren**

- Member of the Board – Forestry Department

**Dr. Dwight Robinson**

- Chairman, Jamaica Organic Agricultural Association (JOAM)
- Chairman, National Organic Agriculture Steering Committee, Ministry of Agriculture
- Member, Board of Directors – Greencastle Tropical Study Centre, St. Mary

- Member, National coordinating committee for Agricultural Research and Development, Jamaica

**Professor Ralph Robinson**

- Board of Directors, Jamaica Agricultural Development Foundation
- Member, American Society of Parasitologists
- Scientific Member, The National Bioethics Committee of Jamaica
- Justice of the Peace, St. Andrew, Jamaica
- Member, Lay-Magistrates' Association of St. Andrew, Jamaica

**Professor Paula Tennant**

- Member, Caribbean Academy of Sciences, Jamaica Chapter
- Member, Jamaica Society of Scientists and Technologists
- Member, American Phytopathological Society

**Dr. Kisan Vaidya**

- Member, Gene Bank Committee, Jamaica
- Member, Review Committee (Agriculture related articles) of the *Jamaican Journal of Science and Technology*

**Professor Dale Webber**

- Chairman, Board of Directors – Environmental Foundation of Jamaica
- Deputy Chairman, National Council on Ocean and Coastal Zone Management (NCOCZM) Ministry of Foreign Affairs and Foreign Trade
- Chair, Diving Sub-Group of the National Council on Ocean and Coastal Zone Management (NCOZCM)
- Member, Board of Trustees – Jamaica National Park Trust Fund
- Chairman, CXC panel on CAPE Environmental sciences
- Chairman, CL Environmental Company Limited



**Dr. Mona Webber**

- Member, CITES (Committee for the International Trade of Endangered Species) Scientific Authority of Jamaica
- Member, National Ramsar committee, NEPA
- Member of the Caribbean Academy of Sciences, Jamaica Chapter
- Member of the Association of Marine Laboratories of the Caribbean
- External Examiner for University of Technology BSc Degrees in Biological Sciences

**Dr. Byron Wilson**

- Invited Member, IUCN SSC Iguana Specialist Group (1998 to present)
- Invited Member, IUCN SSC Amphibian Specialist Group (2009 to present)
- Invited Member, IUCN SSC Boa and Python Specialist Group (2011 to present)
- Invited Member, IUCN SSC Small Mammal Specialist Group (2012)
- Invited Member, Working Group on Invasive Species, NEPA (2008 to present)
- Invited Member, Crocodile working group (NEPA) (2011 to present)

**Number of Graduates by majors and class of degree (before Summer School 2012/13)**

2012/13 Majors	Majors	Minors	Option
Applied Plant Sciences	5		
Animal Biology	15		
Experimental Biology	9		
Environmental Biology	17		
Horticulture/Tropical Horticulture	5		4
Marine Biology	24		
Terrestrial and Freshwater Biology	6		
Minor in Human Biology		10	
Minor in Conservation Biology		6	
Minor in Plant Sciences		5	
Biology with Education			5

**Numbers / Class of degree**

2012/13 Majors	First	Upper-2	Lower- 2	Pass
Applied Plant Sciences		2	2	1
Animal Biology	1	5	8	1
Experimental	1	1	5	2
Environmental		1	11	5
Horticulture/Tropical Horticulture		5	2	2
Marine Biology		5	7	12
Terrestrial and Freshwater Biology		1	3	2
Biology with Education			4	1
<b>Total (89)</b>	<b>2</b>	<b>20</b>	<b>42</b>	<b>25</b>

**DEPARTMENTAL PRIZES TO STUDENTS (N = 8):**

Randy Ramor Aird	Sasikala Potluri Prize
Kadavy Geneva Campbell	Don Skelding Prize
Dexter-Dean Colquhoun	Ivan Goodbody Prize
Zoe Aisha Rochelle Gordon	Devi Prasad Prize
Andre Dominic McGregor	Vincent Hugh McKie Prize
Sushania Renee Pryce	L. B. Coke Prize
Ronelle Deandra Robinson	Avinash Potluri Prize
Sharryl Shervaylle Spence	Charlotte Goodbody Prize

## DEPARTMENT OF MATHEMATICS



Professor Alexandra Rodkina, MPhil, PhD, Kiev, DSc *Moscow*  
Head of Department

### HIGHLIGHTS

As at August 2012, the teaching staff of the Department of Mathematics comprises of two Professors, four senior lecturers, five lecturers, four assistant lecturers. Among them we have seven members of staff with PhD (one, in addition to PhD, has a Higher Doctorate degree), one person is a Fellow of the Canadian Institute of Actuaries (UK) and the other is a fellow of the Institute and Faculty of Actuaries (UK).

This year (2012/2013), in keeping with the curriculum reform of the faculty, the Department has started teaching the following approved 3-credits second year courses in Semesters 1 and 2.

MATH2330	Engineering Mathematics II
MATH2401	Elements of Mathematical Analysis
MATH2404	Introduction to Probability Theory

## Department of Mathematics

MATH2410A	First Course in Linear Algebra
MATH2421	Fourier Series and Integral Transforms
MATH2430	Linear Optimization
MATH2701	Financial Mathematics I
STAT2001	Inferential Statistics
MATH2403	Multivariable Calculus
MATH2407	Stochastic Modelling
MATH2411	Introduction to Abstract Algebra
MATH2420	Ordinary Differential Equations
MATH2431	Non-Linear Optimization
MATH2702	Actuarial Mathematics I

The Department has continued its collaboration with various departments in the Faculty and continues to offer Mathematics courses to suit their needs such as MATH1185 which was tailored to suit Chemistry & Physics students, COMP1110, that was tailored to suit Computing students and MATH1180 and MATH2330 that was tailored for Engineering students.

We have proposed for approval to the Academic Quality Assurance Committee (AQAC) a revised programme entitled “BSc Mathematics with Education Studies” as well as a new programme entitled “BSc in Statistical Science” that were approved this summer. These programmes are expected to be offered in the upcoming academic year 2013/14, along with our other recently approved programmes entitled “BSc Mathematics (major & minor), BSc Actuarial Sciences and BSc Mathematics & Modelling Processes”.

For the academic year 2012/13 a total of 1,350 students registered for all level courses in the department. As long as our staff-complement remains and the student numbers continue to increase, we remain in a less than desirable position with higher than acceptable students/staff ratio being for preliminary level 121:1; level 1 137.4:1; level 2 – 33.57:1 and for level 3 – 20.17: 1.

## RESEARCH

During the year 2012/13 we continue to increase our research activity within the Mathematics Department.

## RESEARCH VISITS

- 2013 July, University of Calgary, Canada, Professor A. Rodkina,
- 2013 January, May–July, Virginia Commonwealth University, Ms. Sekayi Campbell
- 2012, September–October, Curtin University, Perth, Australia, Professor A. Rodkina

## ATTENDED CONFERENCES

- Mr. Ajani Ausaru attended the 4th Congress on Industrial, Computational and Applied Mathematics, May, 2013, Buenos-Aires, Argentina.

### Conference presentations:

Dr. Conall Kelly presented papers

- “Stochastic effects in non-normal systems: an Example from ecology” at SIAM Conference on Applications of Dynamical Systems, May 2013, Snowbird Ski and Summer Resort, UT, USA.
- “Non-normal drift structures and linear stability analysis of numerical methods for systems of stochastic differential equations”, Numerical Solution of Differential and Algebraic Equations (NUMDIFF-13), September 2012, Martin-Luther-University Halle-Wittenberg, Halle, Germany.
- Professor G. Jayaraman gave two lectures on “Mathematics in Medicine” and “Modelling Marine Ecology” at the Indian Women Mathematicians Conference, Pune, India, July 26–28, 2013.

## PUBLICATIONS

### Published papers

- C. Kelly, Peter Palmer and **Alexandra Rodkina**, Almost sure instability of the equilibrium Solution of a Milstein-type stochastic difference equation. *Computer & Mathematics with Applications*, <http://dx.doi.org/10/1016/j.camwa.2013.06.020> (2013).
- Evelyn Buckwar and **Conall Kelly**, Non-normal drift structures and linear stability of numerical methods for systems of stochastic differential equations. *Computers & Mathematics with Applications*. 64:7 (2012), pp. 2282–2293.
- Braverman, L. **Rodkina, A.** On difference equations with asymptotically stable 2-cycles perturbed by a decaying noise, *Computers and Mathematics with Applications*, 64(7)(2012), 2224, 2232.
- E. Braverman, **A. Rodkina**, Stabilization of two-cycles of difference equations with Stochastic perturbations, *Journal of Difference Equations and Applications* (2013), Vol. 19, No. 7, 1192–1212.
- **Dr. Batic**, R. Williams and M. Nowakowski, Potentials of the Heun class, *Journal of Physics A: Mathematical and General*. 46 245204- (2013). (Impact Factor: 1.766).
- **Dr. Batic**, N. Kelkar and M. Nowakowski. Orbiting phenomena in black hole scattering, *Physics Review D*. 86 104060(2012) (Impact Factor: 4.56)
- G. Senthil and **G. Jayaraman**, Flood inundation simulation in river basin using a shallow Water model: application to river Yamuna, Delhi region, *International Journal of Advances in Engineering Sciences and Applied Mathematics*. 4,250-259, 2012 [DOI 10.1007/s12572-012-0053-3]
- N. Kaushik, B. Tyagi and **G. Jayaraman**, Modelling of the dissolved oxygen in a river with Storage zone on the banks, “Applied Mathematics”. 3, 699–704, 2012.
- P. Nagarani and B.T. Sebastian: Dispersion of a solute in pulsatile non-Newtonian fluid through a tube, “*Acta Mech*” 2013, 224:571–585.

### **ORGANIZATION OF WORKSHOP AND CONFERENCE**

- Dr. Batic organized together with Professor Rodkina and Dr. Kelly, the First School in Applied Mathematics at UWI from December 3–5, 2012. We had participants from the St. Augustine Campus as well as from the University of Los Andes (Bogota, Colombia)

### **OUTREACH**

The department for the first time experimented with a workshop for students doing CAPE exams. We are happy to say it was successful. Students from as far as Frome High School in Westmoreland participated.

Additionally the Faculty Office invited the department to conduct CSEC tutorials for students of Port Antonio High in May 2013. Both postgraduates and undergraduate students participated.

Dr. McDaniel, on the invitation of the Mona High School, hosted a CSEC Mathematics workshop.

### **COMMUNITY SERVICE**

- Dr. Ponakala Nagarani acted as the Independent External Examiner for PhD thesis of Curtis Boodoo, May, 2013, UWI, St. Augustine
- Professor Jayaraman acted as the External Examiner for the PhD thesis “Modelling Crime” in the Department of Mathematics, St. Augustine on May, 2013.

### **PUBLIC SERVICE**

**Ms. Sekayi Campbell**

- Member, Universal Services Fund board for the academic year 2012/13.



## Department of Mathematics

### STUDENTS

The department has graduated an average of 57 BSc students per year with a major or minor in Mathematics, Actuarial Science Option, Mathematics with Education Option, Mathematics with Economics and most recently double major in Mathematics & Modelling Processes.

Since 2008 to 2012, a total of 285 students graduated from the department. This is broken down as follows:

2008	2009	2010	2011	2012
55	48	52	68	62

This year a total of eleven students graduated with First Class Honours degree.

### Information on Students

The number of students graduating in each programme over the last five years is shown below:

Year	Math	Actuarial Sciences	Math/ Edecation	Math/ Econ	Math/ Modelling	Total
2008/09	18	29	2	6	–	55
2009/10	20	21	–	7	–	48
2010/11	7	35	1	9	–	52
2011/12	18	33	2	15	–	68
2012/13	18	26	6	10	2	62

For the 2012/13 academic year the total number of registered undergraduate students is as follows:

Preliminary level	363
Level I	687
Level II	201
Level III	89

### **SUMMER SCHOOL**

The department offered 30 courses for summer 2013, some of which were to facilitate students who needed to graduate as well as to facilitate the curriculum reform.

### **INTERNSHIP**

This summer the department continued with the Internship Programme for the Actuarial students placing eight of our students into various organizations throughout the corporate areas.

### **MATHEMATICS BRIDGING PROGRAMME**

For the 2012/13 academic year, the Mathematics Bridging programme commenced in the 3rd week of the semester. The programme ran for 9 weeks with 14 students participating. A Diagnostic test was given to the participants. There was an overall improvement in students who participated by the end of the programme. As there were issues with the Bridging Programme being offered during club activities on Thursdays, it was suggested that a trial run be done in summer to ascertain if more persons would participate at that time instead. Overall, the programme was a success.

### **MATHEMATICAL OLYMPIAD**

The Department of Mathematics organized two Olympiad programmes last year. The Junior Mathematical Olympiad was held in three rounds

## Department of Mathematics

for students in Grades 4, 5, and 6. The Jamaican Mathematical Olympiad was held in four rounds for students in Grades 7 through 11. A total of 3108 students entered these competitions, a 30% increase over the year before. The department also took a team of three students to an international mathematics competition, called the Central American and Caribbean Regional Mathematical Olympiad. Two students won Honourable mention in the competition. They became the first Jamaican students ever to win awards at an international mathematics competition.

### **ACTUARIAL SOCIETY**

Throughout the academic year 2012/2013, the UWIAS welcomed special guests from the actuarial and other corporate arenas to share useful knowledge with the students. The group was graced by the likes of the young and insightful Ricardo Allen, Structured Product Analyst at Sagicor Investments Jamaica Limited. Norbert Fullerton, Fellow of the Institute of Actuaries, visited from the United Kingdom to share his views on the skill set needed to become a successful actuary. He also gave insight about the market for actuarial science graduates from an international perspective. The most successful assembly was an informative panel session about actuarial examinations, conducted by representatives from the Society of Actuaries (Ken Guthrie and team). They brought along Jamaican fellows of the SOA in the persons of Michael McLaughlin, Mrs. Janet Sharp and Willard Brown. Finally, as a follow up to his “Moments of Truth” presentation at the Annual Awards Dinner, Mr. Ravi Rambarran (Chief Executive Officer – Sagicor International) conducted a question and answer session, which sparked discussions regarding the attitude required throughout the journey to becoming a qualified actuary.

### **GRADUATE PROGRAMMES**

#### **MSc Enterprise Risk Management**

In 2012/2013 we took in the first cohort of our new self financed programme. A total of 16 students were registered.

### **MSc Mathematics Programme**

A total of 7 students graduated from the programme in November 2012. This is the first group of graduates since restarting the MSc in 2010. A further two students completed the requirements for the programme in 2012/13 academic year and are expected to graduate in November 2013.

The third intake to the MSc Mathematics will occur in January 2014, with a semester of qualifying courses scheduled to run in Semester 1 of the 2013/14 academic year.

### **MPhil and PhD Programmes**

#### **Research Students**

During the 2012/13 academic year there were 3 MPhil students and 3 PhD students registered in the department:

**Peter Palmer** submitted his PhD thesis, entitled “Almost Sure Asymptotic Stability of the Equilibria of Discretisations of Stochastic Differential Equations” which is now under examination. He also published a paper together with Professor A. Rodkina and Dr. C.Kelly.

**Binil Sebastian** presented at a workshop and published one journal article with Dr. N. Ponakala. Her presentation is: “Effect of Oscillation on Dispersion on a Casson Fluid in an Annulus”, Workshop on First School of Applied Mathematics, UWI Mona, Jamaica, December 3–5, 2012.

**Andre Small** – working on Peristaltic transport for his M.Phil since the year 2012–13.

**Runako Williams** visited the University of Los Andes (Bogota, Colombia) from January 2013 to May 2013. During that period, he gave tutorials for the course Multivariable Calculus and took courses in Algebraic Geometry and Differential Geometry. He actively participated in the seminar “Introduction to semi-groups” organized by Professor Winklmeier and in another seminar offered by Professor Malakahltsev. He submitted

his M.Phil thesis “Two points connection problems for Fuchsian ordinary differential equations in the complex plane” in July 2013. Runako Williams has been accepted for the one-year graduate programme in Mathematics at the ICTP (Trieste, Italy) where he already started the programme from September 2013.

**Dujon Dunn** submitted his M.Phil thesis entitled “Noncommutative Geometry inspired Minkowski space-time” in July 2013.

**Kirk Morgan** was asked to do qualifying courses before starting his research under the supervision of Dr. Batic. He was successful and passed both courses – “Metric Spaces and Topology” and “Introduction to Partial Differential Equations”. He has already started his research on the topic “Exotic space-times”.

## DEPARTMENT OF PHYSICS



Professor Michael A. Taylor, BSc, MPhil, *UWI*,  
PhD *University of Maryland, College Park*  
Head of Department

### OVERVIEW

The Department underwent the cyclical Quality Assurance Review process during the Academic Year ending. The Department received high commendation for its efforts to reinvent itself and for its attempt at finding renewed relevance within the University and the National and Regional contexts. The Department is attempting to do this through high quality Physics Teaching, Innovation and Research, Intellectual Leadership and Public Service. Recommendations made for improvements arising from the Review Process are being evaluated for implementation.

### CURRICULUM REFORM AND TEACHING

Having introduced new Preliminary and Introductory Courses in 2011/2012, new Year 2 courses were introduced in keeping with the revamped Physics and Applied Physics Programme approved in 2010/11.

## Department of Physics

The new Programme is premised on (i) Five Undergraduate Majors in Medical Physics, Energy and Environmental Physics, Materials Science, General Physics and Electronics (ii) a common Physics Core and mandatory Mathematics Courses across all Majors (iii) a simplification of student choices (iv) 3-credit courses, (v) new Laboratory Courses, and (vi) an expanded credit requirement to increase the breadth of material covered in Majors and Minors. Permission was also acquired for the new Year 3 courses which will be delivered in 2013/2014, in keeping with the phased introduction of the new programme.

Student satisfaction with teaching remains high with most Student Assessments of Lecturers being above four (4). Three Lecturers (Dr. A. M. D. Amarakoon, Mr. Victor Douse and Mr. Ervin Lyle) were awarded for Excellence in Teaching at the Annual Faculty Ceremony. The Full Time Staff complement increased from seven (7) to eight (8). Two (2) new Lecturers joined the Department – Dr. Kert Edward and Dr. Venkateswara Penugonda. One Senior Lecturer retired – Dr. Amarakoon. Two other Academic Posts were advertised during the Year and one New Staff Member is expected in 2013/2014.

At least six (6) students will graduate with First Class Honours, all of whom were three (3) or four (4) time Members of the Physics Honours Society. The Society continues to serve the purpose of identifying talented students early in their University Career and mentoring them through to an Honours Degree.

### **RESEARCH**

There are four active Research Groups – the Climate Studies Group, Mona (CSGM) and the Alternative Energy, Medical Physics, and Materials Science Research Groups. New Grants or extensions of existing ones totalled in excess of \$J16M. Sources of funding include the UWI (two New Initiative Grants and Awards to Graduate Students from the Research and Publications Fund), competitive National and International Research Calls and Consultancies for the Government of Jamaica and the Private Sector (see listing below). There is significant interdisciplinary

collaboration including with the Departments of Chemistry, Life Sciences, Geography and Geology and Economics. Emerging areas of Research include Post Fire Forensic Analysis, Photonics, Development of Models of the Terrestrial Environment based on Primordial Radionuclides, Emulating Human Speech Recognition; Energy Security and Sustainability, and the use of Electronics in Environmental Monitoring. Staff and Graduate Students made several presentations at both local and international Conferences and Research Groups coordinated three (3) Regional Workshops. Graduate Students Calvert Barclay, Kimberly Stephenson, Sanjay Simmonds, Stanley Smellie and Technical Staff Member Cherrin-Ann Scarlett had short attachments in Japan, Columbia, Germany, South Korea and Germany respectively.

The Department produced sixteen (16) publications. This is close to the target of two (2) Peer Reviewed Publications/Full-Time Staff. Significantly, Graduate Student Publications in Peer Reviewed Journals have also increased (see listing below). At the University's Annual Research Awards, Dr. Andre Coy was recognized in the Best Publication (book) Category for the Faculty of Science and Technology. Staff Members Dr. Leary Myers and Mr. Leonardo Clarke as well as Graduate Students Stefan Watson and Vincent Taylor (Computer Science) won the Ministry of Science Technology, Energy and Mining Innovation Awards 2012, in the Resources / Knowledge Valorization Category for their invention of a Real Time Monitoring and Alert System, while Ewan Pitter (Electronics Engineering Final Year Student) won in the Open Category for a Renewable Energy driven fully controlled Microcontroller Based Automated Hydroponic Greenhouse System.

Six (6) students began Research Degrees bringing the Graduate complement to twenty-six (26). Two (2) MPhils successfully upgraded to PhDs. Graduate Students Jayaka Campbell, Kimberly Stephenson and Rochelle Walters were awarded PARCA Postgraduate Scholarships and Bursary, and Jhordanne Jones was awarded a University Postgraduate Scholarship. Cohorts of nine (9) and seven (7) students are pursuing MSc Degrees in Digital Electronics and Medical Physics respectively.



**OUTREACH AND PUBLIC SERVICE:**

Approximately one thousand (1000) CAPE Students from twenty-five (25) High Schools participated in the Annual CAPE Physics Workshops (one day of which was held at the Western campus). Several other High and Tertiary Students visited the Department throughout the year to conduct Laboratory Experiments. The Department also hosted a Workshop for High School Teachers on “Incorporating Computer Simulations into High School Physics”. The Department hosted a three (3) weeks Summer Workshop on Alternative Energy in collaboration with the Scientific Research Council, the Wigton Wind Farm and Alternate Power Sources Ltd. During the Year the Department also hosted several other Workshops and Public Lectures with External Partners and Visiting Academics. Themes covered were the Climate-Energy Nexus (monthly Public Lecture Series held over the course of a year), Climate Modelling, Biodiesel production, and Medical Physics.

Members of Staff continue to serve in various capacities on University, National and International Boards and Committees, and provide services to and on behalf of the University.

**MILESTONES**

Dr. Leary Myers was promoted to Senior Lecturer. Dr. Michael Taylor was promoted to Professor. Mrs. Rosalene Simmonds was promoted to Senior Administrative Assistant.

**DEPARTMENTAL STATISTICS****Total Student Registrations**

(Brackets indicate previous year totals. Years II and III include overlaps)

Semester 1	Semester 2	Year	Totals
Preliminary	113 (101)	96 (89)	209 (190)
Intro Physics	227 (203)	151 (128)	378 (331)
Intro Engineering	51 (25)	–	51 (25)
Intro Electronics	–	108 (81)	108 (81)
Year II	293 (259)	284 (213)	577 (472)
Year III	135 (76)	143 (154)	278 (230)
<b>Totals</b>	<b>819 (664)</b>	<b>782 (665)</b>	<b>1601 (1329)</b>

**Postgraduate Student enrolment:**

MPhil fifteen (15) students (F/T and P/T) PhD eleven (11) students;  
MSc sixteen (16) students (all years)

**PUBLICATIONS****Book Chapters**

- M. A. Taylor, and R. Williams, 2012: “ICTs and the Environment”. *In Ringtones of Opportunity: Policy, Technology and Access in Caribbean Communications*. Edited by H. Dunn.

## Journals

- J. Nichols, J. Niles, M. Riddle, G. Vargas, T. Schilagard, L. Ma, **K. Edward**, S. LaFrancesca, J. Sakamoto, S. Vega, M. Ogedegbe, R. Mlcak, D. Deyo, L. Woodson, C. McQuitty, S. Lick, D. Beckles, E. Melo and J.Cortiella, 2013: “Production and Assessment of Decellularized Porcine and Human Lung Scaffolds; feasibility of producing AC lung scaffolds with potential clinical applicability”. *Tissue Eng. Part A*; 19 (17-18):2045–62. doi: 10.1089/ten.TEA.2012.0250 013.
- **V. Penugonda**, 2013: “The influence of modifier ions on the emission features of Ho<sup>3+</sup> ion in lithium fluoro borate glasses”. *International Journal of Luminescence and its Applications* Vol. 32 (Special Issue: III) March-2013 ISSN No. 2277–6362.
- **T. Kerr, K. Duncan, L. Myers** 2013: “Post fire material identification by micro-Raman spectroscopy and principal component analysis”. *The Journal of Analytical and Applied Pyrolysis*. <http://dx.doi.org/10.1016/j.jaap.2013.03.008>
- Karmalkar, A. V., **M. A. Taylor, J. Campbell, T. Stephenson, M. New, A. Centella, A. Benzanilla, J. Charlery**, 2013: “A Review of Observed and Projected Changes in Climate for the Islands in the Caribbean”. Invited Paper. *Atmósfera* 26(2), 283–309.
- **M. Miller, M. Voutchkov** 2013: “Modelling the impact of uncertainty in detector specification on efficiency values of a hpge detector using angle software. *Nuclear Technology & Radiation Protection*”. Vol. XXVIII, No. 2, pp. 169–181.
- **Taylor, M. A., A. Centella, J. Charlery, A. Benzanilla, J. Campbell, I. Borrajero, T. Stephenson, and R. Nurmohamed**, 2013: “The PRECIS-Caribbean Story: Lessons and Legacies”. *Bulletin of the American Meteorological Society* doi: 10.1175/BAMS-D-11-00235. IF 6.124
- E. N. Armstrong, **K. L. Duncan** and E. D. Wachsman, “Effect of A and B-site cations on surface exchange coefficient for ABO<sub>3</sub> perovskite materials” *Phys. Chem. Chem. Phys.*, 2013,15, 2298–2308

- Hall, T. C., A. M. Sealy, T. S. Stephenson, S. Kusunoki, M. A. Taylor, A. A. Chen and A. Kitoh, 2012: “Future Climate of the Caribbean from a super-high resolution atmospheric general circulation model”. *Theoretical and Applied Climatology*. doi: 10.1007/s00704-012-0779-7.
- Bachelor, T., T. S. Stephenson, P. Brown, D. Amarakoon, M. A. Taylor, 2012: “Influence of Climate Variability on Human Leptospirosis Cases in Jamaica”. *Climate Research*. doi: 10.3354/cr01120
- U. Shrivastava, K. L. Duncan, J.N. Chung, “Experimentally validated numerical modelling of Eu doped SrCeO<sub>3</sub> membrane for hydrogen separation”. *International Journal of Hydrogen Energy*, Vol. 37, Issue 20, pp. 15350–15358
- Taylor, M. A., T. S. Stephenson, A. A. Chen and K. Stephenson, 2012: “Climate Change and the Caribbean: Review and Response”. *Caribbean Studies* 40(2), 169–200. Invited Paper.

#### Peer-reviewed Conference Proceedings

- Pal, R., Edward, K., Brown, T., Ma, L., Yang, J., McCammon, Set al. (2013, March). “Combination of wide field fluorescence imaging and nonlinear optical microscopy of oral epithelial neoplasia”. In *SPIE BiOS* (pp. 85720M–85720M). *International Society for Optics and Photonics*.
- Vargas, G., & Edward, K. (2013, February). “Nonlinear optical microscopy and microspectroscopy of oral precancers and early cancer”. In *SPIE BiOS* (pp. 85881U–85881U). *International Society for Optics and Photonics*. (invited paper)

#### Other

- Climate Studies Group, Mona (CSGM), 2012: State of the Jamaican Climate 2012: Information for Resilience Building (Summary for Policy Makers). Produced for the Planning Institute of Jamaica (PIOJ), Kingston, Jamaica. 47 pp.

- Climate Studies Group, Mona (CSGM), 2012: State of the Jamaica Climate: Past and Future. Information for Resilience Building. For Pilot Project for Climate Resilience. GOJ. 180 pp.

#### **SIGNIFICANT FUNDING**

- Postgraduate Research Fund to purchase equipment / supplies and Research Assistance for a Project entitled: “Radon Risk Assessment and Prediction: A Comprehensive approach for a Tropical Country with Limestone Geology”. PIS : Stephen Silvera and Mitko Voutchkov
- The Office of the Pro Vice Chancellor Research (€7000 Euros) for purchasing Research/Laboratory equipment in Materials Science. PI: Keith Duncan.
- CARIWIG – Caribbean Weather Impacts Generator. Collaborators: University of Newcastle (UK), The Caribbean Community Climate Change Centre (Belize), and the Instituto de Meteorologia (Cuba). Climate Development Knowledge Network (CDKN). The project is valued at £ 641K. PIS: Tannecia Stephenson and Michael Taylor.
- SPIE Educational Outreach Grant (08/2012): \$US5000. For the promotion of optics and the development of an optics curriculum at the institution. PI: Kert Edward.
- Ministry of Industry, Investment and Commerce): \$J2.1 million. For the advancement and promotion of scientific research in optics. PI: Kert Edward.
- New Initiative Grant (UWI): \$J1.74 million. An investigation of a non-invasive optical approach for blood glucose monitoring. PI: Kert Edward.
- New Initiative Grant (UWI): \$J1.90 million. Development of Phosphate based bioactive nano glass ceramics for biomedical applications in Materials Science. PI: V.Penugonda.
- Sustainable Water Management under Climate Change in small Island states of the Caribbean. IDRC (2012).PI: Michael Taylor.

- Wind Power for Domestic/Community Feasibility Study and Regulatory Review. Ministry of Science Technology Energy and Mining: PI: Anthony Chen.

## **PUBLIC SERVICE**

### **Anthony Chen**

- Member, Climate Change Advisory Board, Ministry of Land, Water, Environment and Climate Change
- Member, GEF-Small Grants Programme

### **Andre Coy**

- Reviewer Journals, *IEEE Transactions on Audio, Speech and Language Processing*, *Computer Speech and Language*, *Instrumentation Science & Technology*

### **Keith Duncan**

- Managing Editor, *International Journal of IONICS*.

### **Victor Douse**

- Chairman, Cement Technical Committee, Bureau of Standards.
- Technical Assessor, Jamaica National Agency for Accreditation (JANAAC)

### **Kert Edward**

- Member, American Association for Cancer Research, Optical Association of America, SPIE
- Member (elected), Institute of Physics, The Scientific Research Society (elected)
- Reviewer, Optics Letters, Optics Express, Biomedical Optics Express, Applied Optics, Optical Engineering and Tissue Engineering
- Reviewer, SPISE program for the Caribbean Science Foundation

**Leary Myers**

- Board Chairman, National Water Commission.
- Member, International Who's Who Historical Society

**Tannecia Stephenson**

- Member, National Committee for Climate Change Adaptation and Disaster Risk Reduction
- Reviewer Journals, *Climate Research*, *Climate Dynamics*

**Michael Taylor**

- Member, Climate Change Advisory Board, Ministry of Land, Water, Environment and Climate Change
- Member, International Science Panel of VAMOS/CLIVAR
- Member, Steering Committee, Pilot Project on Climate Resilience (Caribbean)
- Reviewer Journals: *Journal of Geophysical Research*, *International Journal of Climatology*, *Journal of Climate*, *Climate Dynamics*, *Theoretical and Applied Climatology*.

**Mitko Voutchkov**

- Member, Jamaica's Energy Council, Ministry of Science Technology, Energy and Mining.
- Member, Heavy Metal Task Force, Ministry of Health
- Life Member, International Society of Environmental Geochemistry and Health.
- Chairman, Technical Advisory Committee "In-situ Methods for Characterization of Contaminated Sites", International Atomic Energy Agency (IAEA)
- IAEA Technical Co-operation Expert in Nuclear Physics.



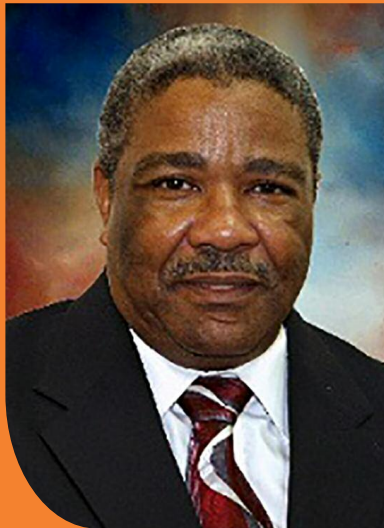




**FACULTY OF  
SOCIAL  
SCIENCES**

**Mona**

Year ending July 31, 2013



**EVAN DUGGAN**

*BSc UWI, MBA, PhD. Georgia State*

**Dean**

# – *Dean’s Overview* –

## **INTRODUCTION**

There were significant changes in the leadership and structure of the Faculty of Social Sciences at the start of the academic year 2012–2013. On August 1, 2012, Professor Evan Duggan succeeded Professor Mark Figueroa, who had served as Dean for eight years. As a result of Professor Duggan’s appointment as Dean of the Faculty, a vacancy was created at the Mona School of Business where he had been the Executive Director for four years and played an integral part in the merger of the Mona School of Business and the Department of Management Studies to become the Mona School of Business and Management (MSBM). Professor Paul Simmonds was appointed Executive Director of MSBM in September 2012 and Dr Denis Williams became the Deputy Executive Director. Other leadership changes included Dr Noel Cowell’s appointment as Associate Dean with responsibility for teaching and learning in place of Dr Aldrie Henry Lee who proceeded on Sabbatical leave and Dr David Tennant’s appointment as Associate Dean for Graduate Studies replacing Professor Rupert Lewis who retired in September 2012.

Similarly, the Faculty would like to express sincere thanks to Mr Clement Branche, former Head of the Department of Sociology, Psychology and Social Work, and Dr Jessica Byron, former Head of the Department of Government, who demitted office at the end of the academic year

2012–2013, for their outstanding contributions to the Faculty in their respective roles. Under their leadership and guidance, significant progress was made which has undoubtedly positioned the Faculty for even greater success.

The Faculty began the academic year with the staging of its annual Faculty Day under the theme “Employer/Employee Engagement: Creating a Culture of Accountability, Transparency and Trust”. As in previous years, the Faculty Day provided an opportunity for all staff members to contribute to the planning and implementation of the Faculty’s vision and tactical plans and to review its strategic objectives. Three (3) discussion groups addressed issues related to personal and/or institutional development thereby providing an appeal for members of staff at different levels. The groups were : (1) Finding yourself on the Job; (2) Communication & Improving Internal Customer Service; and (3) Enhancing Supervisor/Supervisee Relationships. In its focus on Employer/Employee Engagement, the Faculty continued in its approach to identify and elaborate on perspectives highlighted in the UWI 2012–2017 Strategic Plan. In this regard, it was highlighted that Employee Engagement and Development, if maintained in an environment of accountability, openness and trust would result in high performance and success of the organisation for both academics and non-academics alike. Since the 2012–2013 Faculty Day engagements, plans have been established to extend the work of the Faculty of Social Sciences’ committee which has focused on employee/employer engagement in order to advance our understanding of the specific determinants of this desirable goal within the Faculty and assist the University to establish suitable targets and interventions.

### **HIGHLIGHTS OF WORK IN THE FACULTY**

Under the new Dean, a team headed by Dr Eris Schoburgh was set up to chart a course for the repositioning of the Faculty. Reposition has become necessary in order for the Faculty to remain viable and ahead of its competitors by restructuring and ensuring the relevance and quality

of its programmes. Additionally, it is to ensure that the Faculty of Social Sciences continues to be an exemplary and leading source of knowledge creation and learning opportunities in Jamaica and the Caribbean region. The desire, as well, is to maintain the tradition of the FSS, Mona as an influential source of state of the art research which advances the theory and practice of the social sciences regionally and internationally.

Dr Noel Cowell, Associate Dean, Teaching and Learning, has drafted a proposal for the re-introduction of a Special Honours Programme. This Special Honours Degree would have a different set of requirements for admission and progression designed to challenge students and encourage them to consistently perform at an exceptionally high level. It is intended to expose students to a diverse, challenging, flexible learning experience which would be in keeping with one of the University's and Faculty's objective for producing the ideal UWI Graduate. In this programme students will explore learning beyond the traditional approaches and will be exposed to opportunities for practical engagement in areas such as service learning, political leadership and business leadership. It is hoped that this programme will become a reality in the 2014–2015 academic year.

In keeping with the strategic focus of collaboration and internationalization, the Faculty entered into a working partnership with the Organization of American States (OAS) and the Ministry of Labour and Social Security (MLSS) to design and deliver a graduate Diploma in Social Protection. This is significant because social protection is valued as a developmental tool for human capital. The graduate diploma in Social Protection will sensitize influencers and train policy makers to the need for research on social protection in order to support evidence based policy making. The initial delivery of the programme will be funded by the OAS and patterned somewhat off a similar programme developed and delivered in Chile. A team headed by Dr Heather Ricketts developed the proposal which was approved by the OAS, the Campus Committee for Graduate Studies and the UWI Board for Graduate Studies. The programme will commence in September 2013, and the Department of Sociology, Psychology and Social Work will have overall responsibility for its management.

Over the period July 22–25, 2013, The FSS Dean teamed with Professor Alan Copley, Pro Vice Chancellor – Board for Undergraduate Studies (BUS), and Annette Insanally, Director for Latin American-Caribbean Centre (LACC) in a delegation to San Andres Island. The visit was arranged following a special invitation for the UWI to participate in discussions, hosted by the National Ministry of Education in Colombia, as part of a wider national project to upgrade Higher Education in the country. The purpose of the visit was to seek possibilities for collaboration on a wide range of educational matters with educators in Colombia and San Andres. It was a follow-up on previous meetings held in February/March 2013 at the UWI Regional Headquarters between UWI and a delegation of Rectors representing the seven member Universities of SUE Caribe.

The Faculty of Social Sciences recently played the lead role in organizing the inaugural lecture in the UWI/George Willie Lecture Series. It is named after Mr George Willie, an extremely successful Jamaican born accounting dynamo, who is the Managing Partner of Bert Smith and Company in Washington. The programme is meant to be a catalyst for change in thoughts, and expansion in the experience of Jamaican students and professionals. The series was created with a vision of inspiring the next generation of high achievers. The first lecture in the series was held in June, 2013 and was delivered by Harvard Law School Professor Charles Ogletree. The event was a resounding success and was attended by several hundred guests including government officials, members of the diplomatic community, faculty and students.

Throughout the year, the Faculty of Social Sciences remained engaged in nation building and facilitated a number of conferences and forums. Noted among these were:

- *An Economic Action Plan – Options for Jamaica* which The Mona School of Business and Management in collaboration with Jamaicans United for Sustainable Development (JUSD) hosted on February 12, 2013. The forum was established to facilitate discussion on and seek solution for some of the troubling economic realities facing Jamaica.

- The Department of Government also convened a number of public lectures and forums in collaboration with the OAS, the European Union and the Ministry of Foreign Affairs and Foreign Trade, focusing on various issues such as *Developing Countries and the World Trading System*, *Global Terrorism*, *CARICOM and the Interamerican System*, *Cultural Diplomacy* and *Jamaica and the International Human Rights Protection Machinery*.
- In two of their conferences the Department of Sociology, Psychology and Social Work focussed on the important issues of *Crime and Violence: The Way Forward* and the unique strengths and challenges of Caribbean Youths.
- The Department of Economics delivered a number of public lectures one such being *Why We Are Poor: The Origins of the Political Economy of Underdevelopment in Jamaica*, by Dr. Damien King, Head of Department.
- The Faculty supported SALISES in hosting their *Fifty-Fifty* Conference under the theme “Critical Reflections in a Time of Uncertainty”. This conference was the culmination of several thematic conferences and workshops hosted by SALISES to conduct a critical analysis of the Caribbean region over the fifty years since Jamaica’s independence and offer some suggestions for the next fifty years. Several important issues were explored in the various sessions in the disciplinary groups that participated. These included: Caribbean integration, labour markets, knowledge and education, politics, the state and constitutional reform, social protection, gender reform, environment and vulnerability, the University of the West Indies, crime, agricultural development, the state of youth and many others.

## **TEACHING AND LEARNING**

In keeping with curriculum renewal both the Departments of Government and Economics underwent external reviews during the academic year 2012–2013. As a result, the Department of Economics revised their Matrix Algebra course to include audio/visual material designed for

students to be able to better grasp and comprehend the course content. A number of courses have been designed to facilitate learning, strengthen aspects of leadership, teamwork, and ethics and to broaden overall knowledge and scope. Similarly, the Department of Government delivered two new graduate courses; namely, International Security and Global Political Economy and Climate Change. At the undergraduate level, new course offerings for Internet and Democracy, Political Marketing and Communication and Political Management and Strategy were approved.

An outstanding initiative to improve teaching and learning in the Faculty was introduced by the Department of Economics which established a task force to examine and make recommendations to improve the pass rate in the level I mathematics and statistics courses. Additionally, the Mona School of Business and Management in keeping with its solutions-oriented and forward thinking mantra, introduced E-books and tablet computers to over 150 students in the MBA programme. MSBM is the first business school in Jamaica, and the second unit on the UWI Mona campus to employ the cutting edge e-learning solution. Furthermore, the MSc in Enterprise Risk Management (MSc ERM) which was designed to respond to the developments in the market place started its first cohort with eighteen students in September 2012. It is hoped that the MSc ERM will produce graduates with skills in risk techniques who understand the business contexts and are able to address and solve complex risk issues. SALISES' proposed MSc in Development Studies was approved by the University in February 2013. The MSc Development Studies is multi-disciplinary and will focus on training leaders and policy makers in research planning and execution in national, regional, and private sectors.

The Faculty made new in-roads with internships. In February 2013, representatives of Musson's Group of Companies and MSBM signed an agreement to launch a formal internship programme for MSBM's students. One of the major goals of this programme is to provide current undergraduate and graduate students with opportunities to develop and stimulate their interests and provide them with real-world business experiences. Similarly, the Ministry of Justice has adopted the practicum

from the course Theory and Practice of Restorative Justice II (SOCI3047) from the Department of Sociology, Psychology and Social Work, and has incorporated it into its Restorative Justice Community sensitization project. Consequently, students were taken into various communities to introduce the program to members of the community and were so successful that the Ministry invited them to become Restorative Justice Facilitators. Approximately thirty students from the Department of Government also benefited from an internship experience during 2012–2013. Most of these placements were organized by the Public Sector Management and International Relations Units. It is encouraging to note that an increasing number of graduate students benefited from internships in public sector agencies or attachments to non-governmental organizations and community service activities.

### **STUDENTS' ACHIEVEMENTS**

This year, the Faculty facilitated the participation of several graduate students from the Department of Economics to participate in the 93rd Southwestern Economics Association Conference where they presented eleven papers. The students performed extremely well and the top three awards for Best paper were won by MSc Economics students. Sidonia McKenzie was awarded the top prize for her paper, “How Precautionary are Jamaican households? A Household Level Study of the Determinants of Income and Consumption: An Instrumental Variable Approach.” Second place went to Nakesha Allen for her paper entitled “The Economic Impact of Climate Change on Jamaica’s Sugar Industry.” And Dena Spence earned third prize for “Estimating a Macro Stress Test Model of Credit Risk for the Jamaican Banking Sector.”

A team of MSBM students were awarded first place for their business plan in the Vincent HoSang Entrepreneurship Programme. Their company, Near Earth Delights, will be invited to apply to the Vincent HoSang Programme where they can access further advisory and monetary support to get their business commercialized. Importantly, the team went on to compete at the Opportunity Funding Corporation Innovation



& Entrepreneurship (OFCIE) business plan competition, which was held in Atlanta, Georgia on April 18–21, 2013. They placed first in the competition among twenty five (25) other Universities. The MSBM delegation was the only non-US based team among 25 schools including Howard University and Tuskegee University. This is the second time the UWI has won this prestigious competition.

During the academic year five students completed the requirements for the PhD degree. They are:

- Ms. Opal Donaldson – “Towards the Development and Validation of a Social Information System Model”.
- Ms. Thera Edwards – “Plantations, Profits and Protection: An Environment History of the Blue Mountains, Jamaica, 1800–2009”
- Mrs. Christine Charlton-Laing – “Towards a Framework for National E-Learning Implementation: A Jamaican Case Study”.
- Ms. Grace Ann Cornwall – “Towards a Sustainable Approach to Youth in Participatory Development at the Local Level in Jamaica”.
- Ms. Pansy Hamilton – “Health Sector Reform: The Jamaican Case”.

## **RESEARCH**

Some notable achievements from the Faculty over the academic year 2012–13 were the Principal's Research Day Awards. Densil Williams received the award for the most Outstanding Researcher for his research on “Technology and the export behaviour of small, locally owned firms: New insight”, “The Dark Side of Social Entrepreneurship” and “Competiveness of Small Nations: What Matters?” The award for the Best Research Publication went to Eris Schoburgh, Hopetun Dunn and Rupert Lewis and Lila Rao and Gunjan Mansingh. Dr Schoburgh's article was entitled “Top-down, Bottom-up or a synthesis? An Exploration of Implementation Theory and Public Sector Reform Practice: The Case of Jamaica” and Hopetun Dunn and Rupert Lewis for their article in the Special Issue of Critical Arts South-North Cultural and Media Studies, December 2011 entitled “Communicating Pan-Africanism: Caribbean

Leadership and Global Impact”. Lila Rao and Gunjan Mansingh’s article was entitled “Building ontology based knowledge maps to assist business process re-engineering, in Decision Support Systems”. The Award for the Project Attracting the Most Research Funds went to Hopeton Dunn, Allison Brown, and Michelle Thomas for their project on “Open Business Models: New Compensation Mechanisms for Creativity and Inclusion”, while the Research Project with the Greatest Business/Economic/Developing Impact was awarded to Maurice McNaughton, Evan Duggan and Terrence Forrester for their study on “Mobile Financial Services Research”.

The Faculty of Social Sciences continues to provide funding for colleagues wishing to attend research training seminars and to make presentations at conferences, and its research continues to impact national policy making, and provide insights into problems of national importance. This year, the faculty’s research and publications covered a wide range of topics including: foreign direct investment, economics and health, Jamaica’s debt and fiscal crisis, finance, financial institutions and their impact on economic growth and development, the political economy of underdevelopment, the IMF, crime, violence and development, protecting the poor in times of economic crisis, policing, organized crime and politics; software development, mobile financial services; culture and survival, social entrepreneurship and small businesses, marketing, planning and related issues in tourism; commodity chains, trade liberalization, regional integration, issues in globalization; CARICOM and security governance, corruption, ethics, social justice and social values; human rights, local governance in the Caribbean user fees in Jamaica’s health care services; children, child rights, poverty, political culture; the contract system of employment in the Caribbean public sector; urban regeneration management in Jamaica; gender issues; developmental psychology in Caribbean school aged children, counselling, psychology and psychotherapy, obesity management, group therapy behaviour, sexual self-concept and sexual knowledge, family life, and health; Creolization; and Caribbean language, hair and beauty within black communities, dancehall, Reggae music and ganja culture; Rastafari, thought, culture, art and fiction. The table below provides a comparative study of publications produced over the last three academic years.

**Table 1.** Faculty of Social Sciences: Number of Publications Reported by Departments/Units 2009–2012

Depts.	Books/ Monographs			Book Chapters			Journal Articles			Total		
	2010- 2011	2011- 2012	2012- 2013	2010- 2011	2011- 2012	2012- 2013	2010- 2011	2011- 2012	2012- 2013	2010- 2011	2011- 2012	2012- 2013
ECON	0	0	0	0	2	2	9	9	3	9	11	5
GOVT	0	4	0	4	0	0	6	10	3	10	14	3
MSBM	0	2	1	0	0	7	20	25	21	20	27	29
SALISES	2	0	0	6	3	0	5	10	0	13	13	10
SPSW	2	0	0	6	4	1	13	3	14	21	7	15
CHTM	0	0		0	0		0	0		0	0	0
<b>Total</b>	4	6	1	16	9	10	53	57	41	73	72	52

The Faculty continues to develop its work in applied research and the production of technical reports for national, regional and international agencies. Some of the projects completed and or areas covered are as follows: Improving Data collection within the Jamaican courts, (for the Ministry of Justice); Private Sector Assessment Report with Donor Matrix for Jamaica prepared for the IADB; Gender and Youth Assessment; Survey for National Food Safety Awareness; A Survey of the No-user Fee Policy in Public Hospitals in Jamaica; Predictions of Agglomeration – A Comparative Analysis between Less Developed Countries and More Developed Countries with the CARICOM Single Market Economy; Developing a More Strategic Approach to Reducing Regional Disparities;

Presentation of Findings from the 2012 Survey of Financial Literacy in Jamaica to the Financial Services Commission.

Colleagues were also active in providing editorial and review services to several journals including: *American Review of Political Economy*, *Southern Journal of Canadian Studies*, *International Bulletin of Political Psychology*, *Journal of Diplomatic Language*, *Journal of Cross-cultural Psychology*, *Journal of Business, Finance and Economics in Emerging Economies*, *Caribbean Review of Books*, *Jamaica Journal*, *Information Systems Frontiers (ISF)*, *International Journal Telecommunications Policy*.

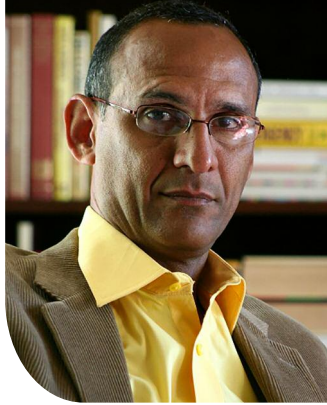
## **OUTREACH**

The Faculty continued its service to the community with various outreach projects. The Department of Sociology Psychology and Social Work, through the Psychology Unit, adopted the Charlie Smith and Kingston High Schools. Dr Stacey Brodie-Walker, Ms Doneisha Burke & clinical psychology graduate students held workshops on Peer Pressure and Anger Management at Charlie Smith High School. School officials and the Unit are looking at the possibility of establishing a psychological health centre on the school grounds. Mona School of Business and Management, through its Office of Social Entrepreneurship (OSE), continued to be involved in the Grade Nine Achievement Test (GNAT) High Achievers programme which ran from October 2012 to June 2013, with the aim of providing supplementary support for students who would sit the Grade Nine Achievement Test and needed supplementary assistance in their preparations. Similarly, the MSBM continues its relationship with the Youth Crime Watch of Jamaica – Office of Social Entrepreneurship (YCWJ-OSE) programme which focuses on providing intervention for communities and schools which either serve at risk groups or are considered at-risk based on government classification. Dr Haughton from the Department of Economics launched the *Valley Foundation Mentorship Programme* for Kingston and St Andrew. The Valley Foundation provides mentorship for at-risk youth and has been operating in Montego Bay since last year.

## **CONCLUSION**

In keeping with its focus on the 2012–2017 Strategic Plan, the Faculty of Social Sciences continued to address issues of Teaching and Learning particularly as it relates to curriculum reform and renewal with a view to producing the ideal UWI candidate. Additionally, the Faculty has made good strides in its efforts at repositioning. More energies have been put in place to encourage and assist staff with improving their research efforts as they seek to focus their research on national, regional and international development initiatives. Regular reviews of courses and programmes have become mandatory for the Faculty as we seek to remain relevant and produce a high quality of graduates.

## DEPARTMENT OF ECONOMICS



Dr. Damien King, PhD *NYU*, MSc *UWI*, BA *York*  
Head of Department

### WORK OF THE DEPARTMENT

Several graduate students from our Department participated in the 93rd Southwestern Economics Association Conference held in New Orleans, March 27–30. In all, 11 papers were presented from our contingent, and once again, our students performed commendably and came in for high praise from the participants as well as for awards from the organizing body.

The top three awards for Best Paper by a Graduate Student were all won by UWI students. Sidonia McKenzie was awarded the top prize for her paper, “How Precautionary are Jamaican households? A Household Level Study of the Determinants of Income and Consumption: An Instrumental Variable Approach.” Second place went to Nakesha Allen for her paper entitled “The Economic Impact of Climate Change on Jamaica’s Sugar Industry.” Dena Spence earned third prize for “Estimating a Macro Stress Test Model of Credit Risk for the Jamaican Banking Sector.”

## **AWARDS**

Professor Mark Figueroa, received the Vice Chancellors Award for Excellence in the category of Service to the University

## **PRESENTATIONS**

During the period under review, Lecturers in the Department made presentations at various local, regional and international conferences and seminars and these are detailed below.

- **Dr. Abdulkadri, Abdulkadri.** “What the Economist Needs the Health Practitioner to Know.” 21st Annual Research Conference of the Faculty of Medical Sciences, UWI, Mona, November 7–9, 2012.
- Professor Claremont Kirton and **Dr. Christine Clarke.** “Jamaica’s Debt Crisis: Causes, Impact, and Solutions.” UWI, Mona, Kingston, Jamaica, March 14, 2013.
- **Professor Figueroa, Mark.** “Caribbean Precursors to Lewis’s Economic Policy Proposals of the 1950s”. Sir Arthur Lewis Institute of Social and Economic Studies, 14th Annual Conference, Barbados, April 22–24, 2103. 18 slides.
- Dr Damien King “The Political Economy of Underdevelopment in Jamaica.”. Latin America: Catching Up or Still Falling Behind Conference. Yale University, April 2013.
- Dr. Damien King. “The Political Economy of Underdevelopment in Jamaica,” SALISES 50-50 Conference, Kingston, August 24–26, 2012.
- **Dr David Tennant and Marlon Tracey.** “Determinants of Upgrades and Downgrades in Sovereign Debt Ratings: Are Poor Countries being unduly Disadvantaged by Standard and Pooors?” ECCE-USB Conference on Financial Globalisation and Sustainable Finance, Cape Town, South Africa, May 2013. 40 pages.

### **Departmental Research Seminar**

- **Dr. Abdullahi Abdulkadri.** “Protecting the Poor in Times of Economic Hardship: Lessons from the 2008 Food Crisis.” April 25, 2013.
- **Dr. Marie Freckleton.** “Can CariForum Take Advantage of Market Access for Services.” March 21, 2013.
- **Dr Peter-John Gordon.** “Health Care Changes: Adverse Selection in Jamaica.” April 11, 2013.
- **Dr Andre Houghton.** “Exchange Rates and Stock Prices in Latin America and the Caribbean”. February 28, 2013.
- **Dr. David Tennant and Mr. Richard Sutherland.** “Determinants of Banks’ Fees: An Empirical Investigation of Motivations, Proclivities and Opportunities”. February 21, 2013.
- **Dr David Tennant.** “Determinants of Upgrades and Downgrades in Sovereign Debt Ratings”. April 11, 2013.

### **PUBLICATIONS**

#### **Chapters in a Book**

- Figueroa, Mark. “Insights from the 1938 (All Jamaica) Economic and Industrial Conference.” In *Caribbean Political Activism: Essays in Honour of Richard Hart*, ed. Rupert Lewis. Ian Randle, Kingston: 41–58.

#### **Chapter in Edited Book**

- **Tennant, David.** 2012. “Factors Impacting on Whether and How Businesses Respond to Early Warning Signs of Financial and Economic Turmoil: Jamaican Firms in the Global Crisis”, in Ashwini Deshpande and Keith Nurse eds. *The Global Crisis and the Developing World: Implications and Prospects for Recovery and Growth*, Routledge: UK.



### **Refereed Journal Article**

- **Haughton, A.Y.** and Iglesias E.M. (2012), ‘Interest rate volatility, asymmetry interest rate pass through and the monetary transmission mechanism in the Caribbean compared to US and Asia’. *Economic Modeling*, 29: 2071–2089.
- **Haughton, A.Y.** and Emma Iglesias, “Interaction between Monetary policy and stock prices: A comparison between the Caribbean and the US,” *Empirical Financial Economics*, 23:515–534.
- **Haughton, A.Y.** and Knife, K.A.H. (2013) ‘Social Entrepreneurship-reducing crime and improving the perception of police performance within developing countries’, *International Journal of Entrepreneurship* 17: 61–76.

### **Technical Report**

- **Tennant, David.** “Private Sector Assessment Report (PSAR) with Donor Matrix (DMX) for Jamaica – 2012”. Report prepared for the Inter-American Development Bank’s Compete Caribbean Project, 204 pages.

### **PUBLIC SERVICE**

#### **Abdulkadri, Abdullahi**

- External Examiner for a PhD Thesis presented at the University of Madras, India.

#### **Clarke, Christine**

- Member, Board of Directors Bank of Jamaica (BOJ)
- Member, Ideas and Innovation Committee JAMPRO.

#### **Figueroa, Mark**

- Member, Board of Directors: Jamaica Environment Trust

- Assisted the Ministry of National Security and Justice with the development of a project on data collection within the Jamaican Courts.

**Haughton, Andre**

- Founder, Valley Foundation Mentorship Programme for Kingston and St Andrew.

**Tennant, David**

- Member, Loans and Investment Committee, Petrocaribe Development Fund.
- Member, Jamaica Survey of Living Conditions (JSLC) Steering Committee.
- Member, Government of Jamaica's Steering Committee responsible for Reforming the Public Sector Pensions System and the National Insurance Scheme.

**STUDENTS**

- The Department offered 4 undergraduate awards and 4 postgraduate awards.
- The MSc Economics programme registered 47 students in the 2012/2013 academic year.
- There are 25 first year students and 22 second year students in the programme.
- Twenty-one students have been recommended to graduate in November 2013.
- The MSc International Economics and International Law programme had 4 students registered in the 2012/2013 academic year, 3 first year students and 1 second year student.
- One student has been recommended to graduate in November 2013.
- The Department offered two scholarships to its MSc programme – the De La Rue Scholarship offered to two students and the G Arthur Brown Scholarship offered to one student.

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Students registered in the Department's undergraduate programme are listed as follows:

<b>Major/Minor</b>	<b>Totals</b>
Banking and Finance Special	488
Economics Major	379
Economics Minor	61
Business, Economic & Social Statistics	13
Statistics Major	61
Statistics Minor	4
	1,006

## DEPARTMENT OF GOVERNMENT



Dr. Jessica Byron, BA, Dip Int Rel *UWI*, PhD *Geneva*  
Head of Department

### INTRODUCTION

The Department continued to implement its strategic and operational plans for the period, 2012–2013, which focused on Teaching and Learning, Research and Publication and Public Outreach.

A major focus of Semester One was a Quality Assurance Review which provided the opportunity to reflect on the changing internal and external environments since the last review in 2005, to review the Department's mission and performance, and to plan for institutional transformation. The Review Team was led by Professor Thomas Biersteker, Director of the Global Governance Programme at the Graduate Institute in Geneva and former Director of the Watson Institute at Brown University in the United States. The other members of the team were Mrs. Patricia Sinclair-McCalla of the Public Sector Transformation Unit of the Government of Jamaica and Dr. Keith Nurse of UWI, Cave Hill. The Review Team submitted its final report to the UWI Quality Assurance

## Department of Government

Unit in April 2013. While commenting very favourably on certain aspects of the Department's performance, including the commitment and efforts of its staff and the quality and innovative aspects of some of its teaching programmes, the report recommended some institutional, governance and programmatic changes, to be undertaken either in the short term or more incrementally over a longer period. Follow-up activities resulting from the review process are ongoing. They continued to inform the Department's work plan for the rest of the academic year, most notably with a Staff Retreat in May 2013 to prepare an Action Plan in response to the review's recommendations.

Likewise, the Department was particularly pleased to launch its revamped and updated website in Semester Two of 2012/2013. This had been a major objective featured in the three year strategic plan. The new website will function as one of the Department's principal marketing and communication tools.

### **STAFF MOVEMENTS**

Professor Rupert Lewis retired at the end of September 2012, after many years of service to the UWI. He leaves an impressive legacy of work on Walter Rodney and Marcus Garvey and has guided many doctoral students to complete dissertations on aspects of Caribbean political philosophy. The Department records its deep appreciation of Professor Lewis' contributions and wishes him all the very best in this new phase of his life and work. In December 2012, we also bade a regretful farewell to Dr. Ivan Cesar Martinez who had spent the last two years on a post retirement contract teaching in the International Relations unit.

Additionally, Dr. Jermaine McCalpin went on one year's Mona Research Fellowship leave while Gavin Daley was awarded an EU-ACP CARPIMS fellowship tenable at the Fiji Campus of the University of the South Pacific for ten months. Mr Daley took up his fellowship at the end of Semester One.

The Department welcomed five new full time colleagues in 2012/2013.

Dr. Christopher Charles took up the teaching duties of Dr. McCalpin for the academic year. Dr. Omar Hawthorne who had just completed work on her PhD. at Old Dominion University in Virginia, Mrs Natalie Dietrich-Jones and Miss Emlynn Francis all joined the International Relations teaching unit. Mr. Othdane Thompson replaced Mr. Daley as Teaching Assistant for Research Methods. Mrs Natallie Rochester-King joined the department as an adjunct faculty member teaching International Trade Law and Policy and Mr. Ansord Hewitt rejoined us in a similar capacity to deliver a course on Regulation in Semester Two. All have contributed to the intellectual life of the Department with their teaching, research and administrative contributions and their mentorship of students.

In May 2013, Miss June Pinto, Sr. Administrative Secretary returned to the Department after secondment to the Norman Manley Law School. Mrs Janette Phillips-Higgins, who had replaced Miss Pinto in April 2011 therefore returned to her substantive position in the Department of Sociology, Psychology and Social Work in July 2013. The Department welcomes back Miss Pinto and places on record its gratitude and profound appreciation for Mrs Higgins' administrative contributions and student-centred initiatives during her tenure.

### **TEACHING, LEARNING AND PUBLIC OUTREACH THROUGH ACADEMIC PRESENTATIONS**

In 2012/2013, the Department of Government had 3079 undergraduate students registered as pursuing majors in its programmes. It also delivered courses to much larger numbers doing Minors, electives or the Foundation Course FOUN 1301 – Law, Economy, Governance and Society in the Department. There were 130 graduate students registered in its M.Sc., M.Phil. and PhD. programmes. By July 31, a total of 33 M.Sc. students were expected to have completed the requirements of their programme.

The Department rolled out four new courses in 2012/2013; GOVT 6081 – International Security; GOVT 3201 – Internet and Democracy and GOVT 3202 – Political Marketing and Communication and GOVT

## Department of Government

2070 – Political Management and Strategy were launched. The menu of courses offered for Year Five of the B.Sc/M.Sc programme in Politics and International Cooperation was also updated and expanded, giving the students more choices in their course selections. Work on curriculum renewal proceeded apace with new courses and programmes being prepared for delivery in the following academic years.

The Department was pleased to welcome an impressive array of distinguished guest lecturers and to offer a wide range of public lectures, research seminars and panel discussions in 2012/2013. Our guest speakers included H.E. Mr. Yuri Gala Lopez, the Cuban Ambassador, H.E. Mrs Ginette de Matha, the French Ambassador, H.E. Mr. Josef Beck, the German Ambassaor and H.E. Mrs Maria Jacqueline Mendoza Ortega, the Venezuelan Ambassador, Mr. Lola Charles, Deputy High Commissioner of Nigeria and Dr. Raymond Brown, the Deputy Head of Mission of the United States Embassy in Kingston, H.E. Dr. Supachai Panitchpakdi, Secretary-General of UNCTAD, H.E. Ambassador Albert Ramdin, Assistant Secretary-General of the Organization of American States and Miss Ilse Zelgalve of the European Delegation to Jamaica. They also included a number of government officials from Jamaica and elsewhere, and civil society representatives. Our students, faculty and the wider public benefited tremendously from their vast range of presentations which included Developing Countries and the World Trading System, the Gendered Effects of Trade Liberalization, Global Terrorism, Small Countries in the European Union, CARICOM and the Interamerican System, Public Administrative Reforms in Brazil, President Hugo Chavez' Political and Social Policy Legacy, Franco-German Cooperation and European Integration, the Popular Referendum on the Political Status of the Falkland Islands, the Impact of Targeted UN Sanctions, Cultural Diplomacy, Public Policy and Anti-Corruption Measures and Jamaica and the International Human Rights Protection Machinery.

Many of these lectures were organized in the context of fruitful collaborations between the Department and its external partners such as the Organization of American States, the EU Delegation and the Ministry of Foreign Affairs and Foreign Trade. The Department was

also pleased to collaborate in May 2013 with the UWI Latin American and Caribbean Centre in the launch of a book by H.E. Mr Rudy Insanally, former Foreign Minister of Guyana at which the Rt. Hon. P.J. Patterson, former Prime Minister of Jamaica was the main speaker. The Department greatly values these partnerships and looks forward to continued collaboration with its various stakeholders.

During 2012–2013, the Department also continued to emphasize practical learning experiences for its students. It supported the work of the UWI Mona United Nations Club by providing a faculty advisor, some financial support and preparation for the Club's participation in the Harvard University UN General Assembly Simulation held at the University of Boston in February 2013. Nine students and Miss Emlynn Francis, their Faculty Advisor, participated assuming the roles of the Delegation of Bolivia. International Relations Majors registered in GOVT 3055, under the expert guidance of Miss Michele Lowe and her assistants, once again staged a multilateral negotiations simulation in April 2013. Their task was to hammer out a ceasefire agreement in the contemporary Syrian conflict and their work was witnessed by several academics and other invited guests, including Lebanon's Honorary Consul to Jamaica.

Approximately 30 students benefited from doing internships during 2012–2013. Most of these placements were organized by the Public Sector Management and International Relations Units. It is encouraging to note that an increasing number of graduate students benefited from internships in public sector agencies or attachments to non-governmental organizations and community service activities.

Other learning enrichment exercises included Dr. Gatchair's parliamentary field trip in May 2013 for Public Sector Management students to follow the 2013/2014 budget debates. Likewise, students of Criminology and of Law, under the guidance of Miss Nicola Satchell, had the opportunity to participate in an innovative two-week Summer School programme organized in collaboration with the North Carolina Central University's Criminal Justice Institute which included field trips to a number of criminal justice and child protection facilities. This promising new programme elicited much interest from students and gave them the



opportunity to interact with their peers from North Carolina Central University.

Once again, the Department of Government was the teaching department in the Faculty of Social Sciences registering the highest student evaluation ratings for the delivery of its taught MSc courses during 2012–2013.

## **RESEARCH AND PUBLICATION**

At the annual UWI Mona Principal's Research Awards ceremony, held in February 2013, several members of the department were recognized for their achievements. **Dr Eris Schoburgh** received an award for the best journal article published by the Faculty of Social Sciences in 2011–2012 – “Top-down, Bottom-up or a Synthesis? An Exploration of Implementation Theory and Public Sector Reform Practice: The Case of Jamaica”, while **Professor Lewis**, along with **Professor Hopeton Dunn**, received an award for the publication of the best edited book collection published by the Faculty of Social Sciences – *Communicating Pan-Africanism: Caribbean Leadership and Global Impact*.

**Dr. Schoburgh** now adds the following publication to her record: *New Century Local Government: Commonwealth Perspectives*, Graham Sansom (Editor), Peter McKinlay (Editor).

In 2012–2013, members of the Department of Government published a total of two book chapters and three refereed journal articles.

Members of the Department presented papers and participated in numerous international scholarly conferences in Jamaica and further afield including France, the Netherlands, the Czech Republic, the United States of America, Cuba, Martinique and Trinidad.

### **International Reggae Conference held February 14–16, 2013**

1. **Dr. Lloyd Waller** was a member of the Planning committee, and chaired the panel on Deconstructing Dancehall Performance and Literature.

2. **Dr. Christopher Charles** presented on the topic “The Dancehall Clash Index: Measuring the Outcome of the Onstage Dancehall Clash Between Rival DJs.
3. **Dr. Clinton Hutton** chaired the panel on The Ganja Complex: Reggae Music & Ganja Culture.
4. **Dr. Maziki Thame** chaired the panel on Geographical and Cultural Transition of Jamaican Music and Culture.

### **PAPERS PRESENTED**

#### **Dr. Clinton Hutton**

- “Exploring Pervasive Attitudes towards Hair and Beauty within Black Communities”. Forum on Hair Stories, organized by the Department of Sociology, Psychology and Social Work, February 22, 2013, Neville Hall Lecture Theatre.
- “Self Identity Among People of African Descent in the 21st Century and Re-visiting Garvey’s African Fundamentalism” – “Nutten too Black nuh Good”. Forum on Interrogating Contemporary Nations of Black Beauty. Organized by Liberty Hall, February 28, 2013, Jamaica Conference Centre.
- Forum on “Bob Marley’s songs of Faith and Hope” at the Kiwanis Club Eastern St. Andrew. Altamont Court Hotel, New Kingston, February 19, 2013.
- “Oh Rudie: Jamaican Popular Music and the Narrative of Urban Badness in the Making of Post-Colonial Society” Jamaica Music Museum 2nd Annual Reggae/Black History Month Grounation, February 10, 2013.

#### **Jessica Byron**

- **May 14–16 2013:** Attended and presented short paper at United Nations DESA Expert Group Meeting, Cambridge UK, on “Emerging

Social and Economic Issues for Small Island developing States post 2015”.

- **June 4 2013:** Introductory remarks as HoD at the Kingston launch at the Jamaica Pegasus of the 2012 Survey of Political Culture of Democracy in Jamaica and the Americas: Towards Equality of Opportunity. This study was sponsored by USAID and carried out by LAPOP Vanderbilt University and the Centre for Leadership and Governance at UWI Mona.
- **June 10–12 2013:** International Colloquium “La Integracion Regional en America Latina y el Caribe y la CELAC” organized by the Centro de Estudios de la Economia Internacional of the University of Havana, Cuba. Paper presented “A Caribbean Perspective on Regional Integration and the Future of CELAC”.

## **PUBLICATIONS**

### **Peer Reviewed Articles**

- **Waller, L.** (2013). “Enhancing Political Participation in Jamaica: The Use of Facebook to ‘Cure’ the Problem of Political Talk Among the Jamaican Youth”. *SAGE Open* April–June 2013 Vol. 3. <http://sgo.sagepub.com/content/3/2/2158244013486656.full.pdf+html>
- **Waller, L., and Taylor, A.** (2013). “A Case Study of Citizen-to-Government Mobile Activism in Jamaica: Protesting Violations of the Rule of Law with Smart Phones”. In Zaigham Mahmood’s *E-Government Implementation and Practice in Developing Countries*. <http://www.irma-international.org/viewtitle/76245/>
- **Waller, L.** (2012). “Mobile Smartphones as Tools for ‘Efficient’ and ‘Effective’ Protesting: A Case Study of Mobile Protesting in Jamaica”. *Journal of Mobile Technologies, Knowledge & Society*. December 201. <http://www.ibimapublishing.com/journals/JMTKS/2012/248374/248374.pdf>

### Technical Reports

- Dunn, L, **Waller, L.**, and Northover, P. (2013). JA REEACH Project: Gender and Youth Assessment. Institute for Gender and Development Studies: Mona Campus Unit.
- Gatchair, S., **Waller, L.**, Johnson, S., Daley, G. (2013) National Food Safety Awareness Survey Centre for Leadership and Governance, Department of Government, University of the West Indies, Mona: Jamaica (64 pages).
- Tufton, C. and **Waller, L.** (2013). CAPRI Health Access Survey: Fee or Free? A Survey of the No-user Fee Policy in Public Hospitals in Jamaica. Caribbean Policy Research Institute, University of the West Indies, Mona: Jamaica.
- **Waller, L.**, Abdulkadri, A., Rhiney, K., and Lawrence. A. (2013). Consultancy for the Development of a Set of Tools to Facilitate Comparative Analysis between Less Developed Countries and More Developed Countries within the CARICOM Single Market Economy: Predictions of Agglomeration. CARICOM Development Fund: Barbados.
- **Waller, L.** (2013). A Monitoring and Evaluation Framework for the CARICOM Development Fund: A More Strategic Approach to Reducing Regional Disparities. CARICOM Development Fund: Barbados.
- **Waller, L.**, and Daley, G. (2012). Passport, Immigration and Citizenship Agency 2012 Customer Satisfaction Survey. Report prepared for the Passport, Immigration and Citizenship Agency. Centre for Leadership and Governance, Department of Government, University of the West Indies, Mona: Jamaica (71 pages).
- **Waller, L.**, and Daley, G. (2012). HEART Perception Survey 2012. Centre for Leadership and Governance, Department of Government, University of the West Indies, Mona: Jamaica (71 pages).

## **RESEARCH SEMINARS**

The Department held seven research seminars at which presentations were made by several of its M.Phil/PhD candidates – Shirley Eaton, Shinique Walters, Marcus Mullings, Emlynn Francis, Floyd Morris – and by various members of faculty. The seminars were well attended and provided spaces for colleagues to showcase their research projects and to receive valuable feedback from academics and practitioners in the respective areas.

## **RESEARCH FELLOWSHIP**

Towards the end of the academic year, it was announced that Dr. Suzette Haughton was the recipient of an OAS/CICAD fellowship to conduct research on the drug abuse phenomenon in the Latin American and Caribbean region. In connection with this Fellowship, Dr. Haughton successfully completed the first phase which covers the on-site training from June to August at the Center for Addiction and Mental Health, University of Toronto. The implementation phase of the Fellowship continues where a community survey on individuals attitudes toward persons affected by drug abuse will be conducted. Dr. Maziki Thame was the recipient of a UWI Mona Research Fellowship and will be off on research leave in 2013/2014 researching the topic “It’s Race and the Politics of Identity in Jamaica, Brazil and Barbados”. Dr. Jessica Byron was the recipient of a UWI Mona Special Initiatives grant to pursue research on a project entitled “Caribbean-Latin American Encounters: Contemporary Development Diplomacy and Cooperation between CARICOM and Cuba, Venezuela and Brazil”.

The Centre for Leadership and Governance which is affiliated with the Department of Government in June 2013 launched the latest survey produced in its Latin American Public Opinion Project, conducted in partnership with Vanderbilt University and supported by USAID. The publication, *Political Culture of Democracy in Jamaica and in the Americas 2012: Towards Equality of Opportunity*, was prepared by Anthony Harriott

and Balford Lewis with Kenisha Nelson under the overall coordination of Mitchell Seligson of Vanderbilt University. It explores interesting new research methodologies as it seeks to measure public perceptions about the equality of social and economic opportunities and of opportunities for political participation in Jamaica. Other activities of the Centre in 2012/2013 included the launch of two initiatives.

The first of these two initiatives was the Governance 2.0 Initiative. Governance 2.0 Initiative is a five year research and public education initiative which seeks to strengthen the governance structures, systems and processes of Jamaica through the use of advanced Information and Communication Technologies (ICTs). The initiative is spearheaded by **Dr. Lloyd Waller**, Director of the Centre for Leadership and Governance, a solutions-oriented policy and research centre which operates out of the Department of Government, University of the West Indies, Mona Campus. The initiative involves research and advocacy in the use of ICTs:

1. to monitor and guard against or highlight violations of the rule of law (injustices, violations of fundamental rights and freedoms) using mobile phones;
2. to enhance the delivery of justice, transparency and accountability as well as mitigate political and administrative corruption in government agencies through software applications;
3. to include the disabled in the democratic process;
4. to encourage political participation among disenfranchised youth of different genders through the use of ICTs such as online social networks and
5. to facilitate efficiency and effectiveness in the delivery of government services through hardware and software.

This initiative has two phases. Phase One of the Governance 2.0 initiative was launched on July 12, 2013 at the World Forum Convention Centre, The Hague, Netherlands. Phase two will involve workshops and seminars for government and civil society actors in the application of ICTs to strengthen the rule of law in Jamaica, and will be launched in March

2014 in Kingston, Jamaica.. Phase three will involve a national public education campaign.

The expected outcomes of this initiative include:

1. a healthier system of government and governance in Jamaica;
2. a public equipped with the knowledge and skills to strengthen the rule of law; and
3. case studies on best practices on the use of ICTs to strengthen good governance that will be shared internationally.

The second initiative is the Values and Attitudes for Development Project (VA-Dev). This project has several phases. Phase One of the Values and Attitudes for Development Project will be launched in Kingston Jamaica in semester 1 of the 2013/2014 academic year. The objectives of this project include the following:

- To ascertain how the Jamaican youth perceive “Jamaican-ness” – What does it mean to be a ‘Jamaican’? What are the values and attitudes of a Jamaican;
- To identify whether this sense of self is consistent with the development needs of Jamaica?
- To identify and implement successful and sustainable strategies that will provide young people with a sense of direction, responsibility, self-worth, self-respect, respect for others and respect for their surroundings.
- To identify and implement successful and sustainable strategies that will help the Jamaican youth to develop civic pride and learn the importance of team work and cooperation;
- To identify and implement successful and sustainable strategies that will help the Jamaican youth to act responsibly and engage social actors respectfully;
- To encourage young people to play their part in Jamaica’s development.

Phase One of this project includes a Desk-Research (Analysis of Secondary Data), a National Survey of Jamaican youth as well as Consultations,

Focus Groups and Interviews with youth service providers about the attitudes and values of the Jamaican youth.

The CLG also executed several consultancies for the period for HEART Trust NTA, the Passport, Immigration and Citizenship Agency (PICA), the Agro-Investment Corporation, CARICOM Development Fund and the Ministry of Youth.

### **PUBLIC SERVICE**

#### **Dr. Christopher Charles**

- Sport Psychology consultant, Kingston College Under 16 and Under 19 basketball teams.

### **PRIZES & AWARDS**

The Department of Government awarded the following students for their outstanding performances for the Academic Year 2012/2013 at the annual Faculty Awards Ceremony held January 2013.

*Ann Spackman Prize*

**O'Shane Reid**

Introduction to Political  
Institutions

*Paulette Wilson Prize*

**Natoya Williams**

Introduction to Public Sector  
Management

*Archie Singham Memorial Prizes*

**Rochelle Blair**

Foundations of Caribbean Politics

**Patrick Dixon**

Politics in the Caribbean.

*Carl Stone Prize*

**Ornella Kelly**

Research Methods in Political  
Science



Department of Government

*Gladstone E. Mills Prize*

**Michelle Roxanne Pinto  
Campbell**  
BSc Public Sector Management.

*Nethersole Prize*

**Nicholas Anthony Wright**  
BSc Political Science

*Sir Laurence Lindo Prize*

**Natasha Marcelle Birthwright**  
BSc International Relations

**Shaneese Tamika Grimes**  
BSc International Relations

*Rosina Wiltshire Prize*

**Melissa Haynes**  
MSc International Relations

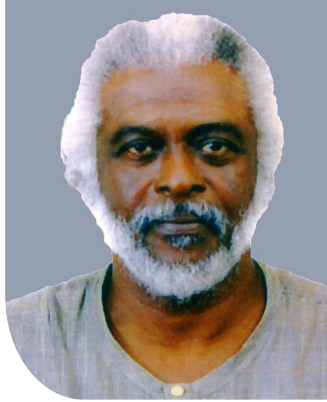
*MSc. Staff Prizes*

**Stephen Christopher Johnson**  
International Relations Research  
Paper

**Peta Gay Elizabeth Blair**  
Comparative Politics/Political  
Theory Research Paper

**Colleen Patricia Woolcock**  
Public Sector Management  
Research Paper

## DEPARTMENT OF SOCIOLOGY, PSYCHOLOGY AND SOCIAL WORK



Clement Branche, BSc *UWI*, MSc, *London School of Economics*  
Head of Department

### **WORK OF THE DEPARTMENT**

**D**uring the 2012/13 academic year staff in the Department continued their commitment to the realization of the strategic perspectives of the 2012–2017 UWI Strategic Plan. In particular, members focused on Research & Innovation; Outreach; and Teaching, Learning and Student Development.

### **MAJOR ACTIVITIES**

#### **Diploma in Social Protection 2013/2014**

The Department, with funding by the Organisation of American States (OAS), spearheaded the development of a graduate Diploma in Social

Protection. This Diploma, conducted primarily online, will be offered for the first time and will commence in Semester 2013/2014. The programme will target public sector officials from Caribbean member states of the OAS, who are in a position to influence social protection policy.

Dr Heather Ricketts, Ms Mary Jennifer Jones, Dr Aldrie Henry-Lee (SALISES) and Dr Sandra Chadwick-Parkes led the planning and curriculum development of the Diploma, assisted by Mrs Allison Bailey-Wedderburn in the Principal's Office. Drs Ricketts and Chadwick-Parkes created the course The Formulation of Social Policy and the Administration of Social Protection Systems.

### **Annual Psychology Conference**

The Psychology Unit re-instituted its Annual Psychology Conference with the 10th conference under the theme of "The 2013 Caribbean Youth: Unique Strengths and Challenges". The keynote speaker was Dr. Abigail Harrison. The conference boasted *Oral Presentations*, poster presentations and panel discussions. Topics included sex and sexuality, challenges faced by youth, child abuse and bullying, and social media's influence on youth. Most attendees were high school students and young people involved in youth programmes.

### **Psychology Journal**

The *Caribbean Journal of Psychology* re-opened for submission of articles. It is a peer-reviewed journal published twice a year focusing on the work of local researchers.

### **Outreach**

The Psychology Unit adopted Charlie Smith and Kingston High Schools. Dr Stacey Brodie-Walker, Ms Doneisha Burke & clinical psychology graduate students held workshops on peer pressure and anger management at Charlie Smith High School. School officials and the Unit have

discussed the possibility of establishing a psychological health centre on school grounds.

Other outreach efforts by members of staff:

- Restorative Justice Programme – Mr Michael Gordon
- Change From Within – Ms Sophia Morgan
- Mustard Seed Community – Dr Dennis Edwards & graduate students
- Ministry of Education Safety and Security School Programme – Dr Dennis Edwards
- Ministry of Education, Independence School – Dr Dennis Edwards
- Ministry of Education, Alternative Student Transition Education Programme – Dr Dennis Edwards & Graduate Students
- Centre for Disability – Dr Dennis Edwards
- Programme Evaluation Capacity Building for NGOs – Dr Garth Lipps
- Red Cross – Dr Dennis Edwards
- HEART NTA Trust Annual Retreat – Career Assessment & Development – Dr Garth Lipps
- UWI Admissions (regional and local) – Mr Orville Beckford

**Exhibition: “Remembering Jamaica’s Deep History”**

The Human Resource Development Unit hosted a small exhibition of Taino and slave-era artefacts from Jamaica and Cuba in its exhibition titled “Remembering Jamaica’s Deep History” in observance of Jamaica’s 50th anniversary celebrations.

**Commemoration of the Fiftieth Anniversary of Intra-mural Social Work Education at UWI**

In commemoration of the fiftieth anniversary of the intra-mural social work education at UWI (1961–2011), Dr Peta-Anne Baker, Senior Lecturer & Coordinator of the Master of Social Work Programme,

edited a special issue of the *Caribbean Journal of Social Work* which was simultaneously published as a book, *Social Work and Development: Caribbean Insights*.

### **Collaboration**

In the wake of the visit of the University of Connecticut delegation reported in last year's Department Report, the Memorandum of Understanding between the UWI/Social Work Unit and the University of Connecticut was revised and is currently being considered by the latter institution. The twenty-year partnership has yielded staff and student exchanges, programme development and research and publications.

### **Annual Derek Gordon Research Seminar**

The Department hosted the 17th Annual Derek Gordon Seminar on April 25, 2013 under the theme of *Crime and Violence: The Way Forward*. The seminar showcased the work of graduate students who presented their research on the re-integration of deportees, maladaptive behaviours of sexual abuse survivors, and the impact of love on recidivism. There were also two panel discussions and an audio/video tape presentation on crime and violence. The keynote speaker was Mr. Ian Wilkinson, President of the Jamaican Bar Association, who proposed mechanisms for improving the efficiency of the justice system. Approximately 70 people attended the Seminar.

### **Major Research Activity**

Three major reports were completed. Professor Patricia Anderson (retired), Drs. Julian Devonish, Sharon Priestley, Arlene Bailey, and Ms Camille Daley produced an analysis of UWI enrollment patterns for the Principal's Office. A second report, on the transition to adulthood, was completed by Drs. Devonish and Priestley for the UNFPA and USAID. Mr Michael Gordon completed a report on restorative justice.

### **National Heritage Month and Black History Month Event**

On behalf of the UWI National Heritage Month Committee, Dr Michael Barnett organized the Peter Tosh Symposium under the theme, “Reggae Revolutionary and Equal Rights Advocate”. In celebration of Black History Month, Dr Barnett also coordinated a panel discussion under the theme, “Hair Stories: Exploring Pervasive Attitudes Towards Hair and Beauty in Black Communities.”

### **Theory and Practice of Restorative Justice II (SOCI3047)**

The Ministry of Justice has adopted the Theory and Practice of Restorative Justice II (SOCI3047) practicum into its Restorative Justice Community sensitization project. Students were taken into various communities to introduce the program to members of the community and were so successful that the Ministry invited them to become Restorative Justice Facilitators.

### **STAFF DEVELOPMENT**

To assist staff to meet the University mandate of two publications per year, the Psychology Unit implemented a research forum in which staff present current research. Presentations included a ten-year review of medical and psychological presentations of eating disorder patients in Jamaica; obesity among Jamaican youth; and parenting and depressive symptoms among adolescents in four Caribbean societies.

Dr Peta-Anne Baker resumed duties following her sabbatical during which she spent six months with the Department of Social Work & Development, University of Aruba. While there, she produced a working paper, “Social Work and Development: Making the Connection” and a set of curriculum development proposals for strengthening the curriculum of the Social Work and Development Programme at the University of Aruba.

**PAPERS PRESENTED**

- **Arlene Bailey.** “The Early Years: Reflections from Pioneers in the Computing Field.” SALISES 50/50 Conference 2012, Kingston, Jamaica. August 20–24, 2012. 34 slides.
- **Arlene Bailey, Chevers, D., Donaldson, O., Duggan, E., McNaughton, M., Mansingh, G. and Rao, L.** “A Journey through the History of Information Systems in Jamaica and Perspectives on Future Developments in the Field.” *History at Fifty Conference*, Kingston, Jamaica. November 8–10, 2012. 25 slides.
- **Michael Barnett.** “The Rastafari Movement as a Genesis for Contemporary Pan-African Expressive Cultural Productions.” 24th Cheikh Anta Diop Conference, Philadelphia, USA. October 12–3, 2012. 9 pages.  
“The Role of Rastafari in the Grenadian Revolution.” Caribbean Studies Association Conference, Grenada. June 3–7, 2013. 9 pages.  
“The Evolution of Leadership in the Rastafari Movement.” Caribbean Studies Association Conference, Grenada. June 3-7, 2013. 10 pages.  
“The Legacy of Pinnacle and its Importance to Jamaica.” 3rd Leonard Percival Howell Symposium, UWI, Mona, Kingston, Jamaica. June 14, 2013. 7 pages.
- **Orville Beckford.** “Health and Absenteeism among Jamaican Nurses: The Need for Intensive Care.” Association of Black Sociologists, New York, USA. August 8–12, 2013. 13 pages.
- **Stacey Brodie-Walker & Morgan, Kai.** “An evaluation of group therapy and behavior modification as a treatment modality for adolescent girls in a short-term residential facility in Jamaica: A pilot study.” 10th Annual Psychology Conference: The 2013 Caribbean Youth – Unique Strengths and Challenges. UWI, Mona. February 21, 2013. 14 slides.
- **Stacey Brodie-Walker.** “Psychological Consideration in Obesity Management.” 2nd Annual Caribbean Obesity Forum. Montego Bay, Jamaica. March 2, 2013. 15 slides.

- Kai Morgan & **Stacey Brodie-Walker**. “Sexual self-concept, sexual knowledge and awareness and its impact on sexual behavior among Jamaican adolescents.” 10th Annual Psychology Conference: The 2013 Caribbean Youth: Unique Strengths and Challenges. University of the West Indies, Mona. February 21, 2013. 28 slides.
- **Sandra Chadwick-Parkes**. “Integrating human rights into the Jamaican Social Work curriculum.” Working seminar on Advancing Human Rights in Social Work Education, Center for International Social Work Studies, School of Social Work and Human Rights Institute, University of Connecticut and the Katherine A. Kendall Institute for International Social Work, University of Connecticut, USA. May 16-17, 2013.
- **Julian Devonish**. “Teen childbearing and Poverty among Jamaican Women.” Caribbean Studies Association Conference, Grenada, June 3–7, 2013. 30 slides.
- **Ayesha Facey**. “Determinants of Condom Use in Jamaica: An Analysis of Three National Surveys, 2000–2008.” Association of Black Sociologists: “Social (In) Justice and Health Disparities: A Continuing Saga.” New York, USA. August 8–10, 2013. 26 slides.
- **Sean Ffrench**. “The Role of the Informal Sector in Providing Micro and Small Enterprises (MSE) with Access to Non-Credit Business Development Services (BDS).” Sir Arthur Lewis Institute for Social and Economic Studies (SALISES) 14th Annual Conference: “Towards a New Development Paradigm for the Caribbean: The Next 50 Years,” Barbados. April 22–24, 2013. 25 slides. *Oral Presentation*.
- **Herbert Gayle**. “Youth Violence, Family Transition and Survival in Jamaica.” Regional Management Team Meeting of UNICEF LAC. University of the West Indies, Kingston, Jamaica. February 23, 2013. 26 slides.
- **Doreen Gordon** & Elena Calvo-Gonzalez. “From ‘other worldly’ to ‘world spectacle’: an exploration of ideas of the ‘sacred’ amongst choreographers of the dança dos orixás in Salvador de Bahia, Brazil.” Confluences: Religion, Spirituality and Dance, University of Cape



Town, South Africa. July 11–13, 2013. 6 pages. Published in Conference Proceedings.

- Claudia Barned & **Garth Lipps**. “Development and validation of the attitudes towards fluffy women measure.” 23rd Nursing and Midwifery Research Conference, University of the West Indies, Mona. May 30, 2013. 15 slides.
  - **Garth Lipps**, G. Lowe, R. Gibson, S. Halliday, A. Morris, N. Clarke, & R. Wilson. “Parenting Practices and Depression among Adolescents in Four Caribbean Countries.” 23rd Nursing and Midwifery Research Conference, University of the West Indies, Mona. May 30, 2013. 15 slides.
  - **Garth Lipps**, G. Lowe, R. Gibson, S. Halliday, A. Morris, N. Clarke, & R. Wilson. “Parenting Practices Moderate the Association of Neighborhood Characteristics with Depressive Symptoms among Bahamian Youth.” 25th Annual Conference of the Association for Psychological Science, Washington, D.C., USA. May 21, 2013. *Poster presentation*.
  - G. Lowe, **Garth Lipps**, R. Gibson, S. Halliday, A. Morris, N. Clarke, & R. Wilson. “Neighbourhood Factors and Depression among Adolescents in Four Caribbean Countries.” 10th Annual Psychology Conference, University of the West Indies, Mona. February 21, 2013. 16 slides.
  - **Rashalee Mitchell**. “Labour Rights for Commercial Sex Workers in Jamaica: Implications for Social Policy and Development.” Caribbean Studies Association. St. George, Grenada. June 3–7 2013. 23 slides.
  - **Heather Ricketts**. “Children of 2013: What are their needs?” Dudley Grant Memorial Trust ECD Conference. Kingston, Jamaica. March 26, 2013. 19 pages.
- “Grenada and the HDI: Unmasking the Policy Applicability of the HDI Rank.” SALISES Fifty-Fifty Conference. Kingston, Jamaica. August 22, 2012. 19 pages.

“The Unemployment Gender Gap: Are Women Really At A Disadvantage?” SALISES Fifty-Fifty Conference. Kingston, Jamaica. August 24, 2012. 19 pages.

- **Heather Ricketts** and Patsy Lewis. “Navigating Crises in Grenada: Case Studies of Mt Moritz and St Paul’s.” Caribbean Studies Association. St George’s, Grenada. June 6, 2013. 28 slides.
- **Sharon Priestley**. “The Prevalence and Correlates of Intimate Partner Violence in Jamaica: What we do not know will harm us.” Caribbean Studies Association Conference, Grenada. June 3–7, 2013. 35 slides.
- **Aldene Shillingford** & Cerita Buchanan. “The Caribbean Internship Project: Benefits and Challenges.” 11th Biennial Association of Caribbean Social Work Educators’ (ACSWE) Conference, Curaçao. July 10, 2013. 10 slides.
- **Olivene Thomas**, Stanford Moore and Dunstan Newman. “Mentor-Mentee Dyads: Determinants of successful tacit knowledge transfers.” 12th Annual Conference of the Association of Higher Education Administrators (ACHEA), Montego Bay, Jamaica. July 11–13, 2013. 11 pages.

#### **REFEREED CONFERENCE PROCEEDINGS**

- **Bailey, A.** and O. Ngwenyama. “Integration and Communication in the Diaspora: Intersectionality and Community Facilitation through ICTs,” Proceedings of the Eighteenth Americas Conference on Information Systems. Seattle, Washington, August 9–12, 2012, 8 pages.

#### **PUBLIC LECTURES AND SEMINARS**

- **Sandra Chadwick-Parkes**. “Human rights in the UWI Mona Social Work Curriculum.” University of Connecticut, USA. May 15, 2013.  
“Caribbean Social Problems: An overview.” To visiting Faculty/ students of the University of North Carolina. May 29, 2013.

- **Herbert Gayle.** ‘Show Me How to Be a Man: Contradictions in the Expectations of Society and the Negative Impact on Boys’. Back to Life Foundation. Jamaica Public Service Sports Club, New Kingston, Jamaica. April 16, 2013.
- **Heather Ricketts.** “Reforming the Labour Market: A Gender Perspective.” WROC Training Course: Economic Literacy and Gender Budget Analysis Training Course for Civil Society. WROC, in collaboration with FES, UN Women, PBC Jamaica. Kingston, Jamaica. February 21, 2013. 34 slides.

## **PUBLICATIONS**

### **Book Chapters**

- **Bailey, A.** (2012). “Building Community Access – Cybercentres and the Development Challenge in the Caribbean,” in Dunn, H. (Ed.) *Ringtones of Opportunity: Policy, Technology and Access in Caribbean Communications*, 107–122, Kingston, Jamaica.

## **REFEREED JOURNAL ARTICLES**

- **Anderson, M. & Tulloch-Reid, M.** (2013) “She’s trying her best even though she gets on my nerves”: Diabetes and the caregiver-child relationship in Jamaica. *Diabetes Spectrum*, 26: 131–136.
- **Anderson, M. & Asnani, M.** (2013) “You Just Have to Live With it”: Coping With Sickle Cell Disease in Jamaica. *Qualitative Health Research*, 23(5): 655–664. DOI: 10.1177/1049732313480048.
- **Bailey, A. & Ngwenyama, O.** (2013). “Toward entrepreneurial behavior in underserved communities: An ethnographic decision tree model of telecentre usage.” *Information Technology for Development*, 19(3): 230–248.
- **Baker, P.** (2013). “Editorial.” *Caribbean Journal of Social Work*, 10: 1–7.

- **Baker, P.** (2013). “Can Caribbean Social Work ‘Do’ Development?” *Caribbean Journal of Social Work*, 10: 207–212.
- **Barnett, M.A.** (2013). “Rex Nettleford’s Reflections on the Rastafari Report and Movement and His Impact on the Trajectory of Rastafari Scholarship.” *Caribbean Quarterly*, 59 (2): 122–135.
- **Brodie-Walker, S.** (2012). “An examination of practical learning experiences of 1st year clinical psychology masters students: A qualitative study.” *The Caribbean Teaching Scholar* 2(2): 125–134.
- **Brodie-Walker, S.** & Morgan, K. (2012). “An evaluation of group therapy and behavior modification as a treatment modality for adolescent girls in a short-term residential facility in Jamaica: A pilot study.” *International Humanities Review*, 3(1): 19–29.
- **Gordon, D.** (2013). “A beleza abre portas: beauty and the racialised body among black middle class women in Salvador, Brazil.” *Feminist Theory*, 14(2): 203–218.
- **Gordon, D.** (2013). “Religion, ‘race’ and emerging middle classes in Salvador, Brazil.” *Canadian Journal of Development Studies/ Revue Canadienne d’Etudes du Développement*, 34(2): 221–235.
- **Lipps, G.,** Lowe, G. A., Gibson, R. C., Halliday, S., Morris, A., Clarke, N. & Wilson, R. (2012). “Parenting and Depressive symptoms among Adolescents in Four Caribbean Societies.” *Child and Adolescent Psychiatry and Mental Health*, 6(31):1–12, DOI:10.1186/1753-2000-6-31.
- **Priestley, S.** (2012). “Impaired fertility in Jamaica: Evidence from fertility surveys.” *West Indian Medical Journal* 61, 6: 60–72.
- **Shillingford, A.** (2013). “Service Learning for Regional Community Institution Building.” *The Caribbean Journal of Social Work*, 10:147–170.
- **Wilkins, KG, Ramkissoon MW, Tracey TJG.** (2013). “Structure of interest in a Caribbean sample: Application of the Personal Globe Inventory.” *Journal of Vocational Behavior* 83, 3: 367–372.

## TECHNICAL REPORTS

- Anderson, P, **Devonish, J, Bailey, A & Daley, C.** (2013). “Choices, Changes and the Performances of Jamaican Students: An analysis of student enrolment at the University of the West Indies, 1983–2010”. Funding from Department of Sociology, Psychology and Social Work and Jamaica National Building Society. For the Principal, UWI Mona. 61 pages.
- **Beckford, O.** & Weekes, T. (2013) “Mona Commons Township Project Social Research Report: Social and Quantitative Analysis”. For Principal, UWI Mona. 31 pages.
- **Beckford, O.,** Burke, O, **Shillingford, A.** (2013). “Mona Commons Township Project Report”. For Principal, UWI Mona. 9 pages.
- **Gayle, H.** (2012). “The Status of Males of Trinidad and Tobago: An Examination of Social Participation and Violence”. For Ministry of People and Social Development, Government of Trinidad and Tobago. 399 pages.
- **Devonish, J & Priestley, S.** (2013). “Final Report on the Transition of Jamaican Women to Adulthood: Results of the Baseline Study”. This project was funded by and prepared for the United Nations Population Fund and the Health Policy Project (USAID). 126 pages.
- Franco, LM, Messner, L, Browne, C, **Mason, G,** Sears, C. (2013). “Midterm Evaluation Report: PEPFAR Caribbean Regional Program”. Arlington, VA: USAID’s AIDS Support and Technical Assistance Resources, AIDSTAR-One, Task Order 1. Prepared for USAID. 86 pages. [http://aidstarone.com/focus\\_areas/gender/resources/reports/caribbean\\_regional\\_report](http://aidstarone.com/focus_areas/gender/resources/reports/caribbean_regional_report)  
<https://dec.usaid.gov/dec/content/Detail.aspx?ctID=ODVhZjk4NWQtM2YyMi00YjRmLTkxNjktZTcxMjM2NDhmY2Uy&rID=MzMwODQ3>
- James, V., **Ricketts, H.,** Hamilton, R. (2013). “Development Paths in the Caribbean: A Complex Relationship Between Competition and Integration”. Prepared for ECLAC. 103 pages.

- **Shillingford, A.** (2012). “Recommended A Model for Institutional Support Towards Promoting Sustainable Participatory Community Development in Montserrat and A Template for Community Needs Assessment (CNA)”. Commissioned by the Caribbean Development Bank (CDB) and the Basic Needs Trust Fund (BNTF). 24 pages.
- **Shillingford, A.** (2013) “Participatory Community Development Methods: Enhancing Capacities for Sustainable Development in Montserrat”. Report prepared for the Caribbean Development Bank, Barbados. 184 pages.

### **INCOME GENERATION**

- **Beckford, O.** Coordinated 2013 summer school activities for the department. Estimated revenue: J\$2.5m.
- **J. Devonish & S Priestley.** Study of the transition of Jamaican women (15–34 years) to adulthood. Grant from UNFPA and the Health Policy Project (USAID). US\$84,000. September 2011–August 2013.
- **M. Ramkissoon.** Co-applicant for funding from the UWI Mona New Initiative Grant for research project on employee engagement in the Faculty of Social Sciences, UWI Mona. \$1,250,000 JMD. 2013–2015.

### **Human Resource Development Unit**

- MSc. Human Resource Development: JA\$1.3 million with JA\$12 million in outstanding tuition fees.
- PhD. Programme in Organisational Behaviour: JA\$5 million with JA\$1.8 million outstanding.

### **STUDENTS**

- Grant received by Mrs. Heather Prendergast, MSc Demography, for attendance at the Caribbean Studies Association Conference 2013. She presented on youth unemployment in Jamaica.

- Two recent graduates of the Master's Degree in Social Work presented papers at the 11th Biennial Caribbean & International Social Work Educators' Conference in Curaçao, July 8–12, 2013. The papers were based on research undertaken in fulfillment of the requirements of the MSW degree. The papers have also been published in the peer-reviewed special issue of the *Caribbean Journal of Social Work*.

## **PUBLIC SERVICE**

### **M. Anderson**

- Advisory Committee, Jamaican HIV+ Women (JCW+). June 2013–present.
- Advisory Committee, Caribbean DAWN (pro-choice organization). June 2013–present.

### **P. Baker**

- President, Association of Caribbean Social Work Educators (ACSWE), July 2013–present.

### **O. Beckford**

- Organized and presented 3 free CAPE Sociology workshops at UWI for high schools students. This is in an effort to improve the quality of students coming into the sociology programme at UWI Mona.
- Volunteer teaching of CAPE subjects; Sociology and Caribbean Studies, at Kingston College for the academic school year 2012/2013.
- Member of the St Catherine Red Cross.
- Eltham Missionary Church's Sunday School Outreach Programme, Gordon Pen, St Catherine. The outreach programme also involves social interventions such as literacy classes and community development.

### **A. Bailey**

- Secretary, International Federation for Information Processing (IFIP) Working Group 9.4.

- Conference Organizing Co-Chair, International Federation for Information Processing (IFIP) Working Group 9.4 Conference 2013 on Social Implications of Computers in Developing Countries.
- Program Co-Chair, Association for Information Systems Special Interest Group on Global Development 2012 Annual Conference.
- Americas Conference on Information Systems (AMCIS) 2013 Mini-Track Chair – ICTs and Sustainable Development in the Caribbean.
- Advisory Committee Member, ICT4D Jamaica.

**M. Barnett**

- Fund-Raising Board, Haile Selassie High School.

**S. Brodie-Walker**

- Board of Visitors, DCS Juvenile Institutions, Ministry of National Security. Assist in monitoring of the operations of the Juvenile Correctional and Remand Centres.

**S. Chadwick-Parkes**

- Member of and FSS' representative on the CVSS/UWJ/UWI Research and Planning Committee. Planning and hosting of the biennial Research Day which highlights research conducted on social issues and interventions by social services groups and organisations.

**C. Daley**

- President, Sickle Cell Support Club.

**D. Gordon**

- Member, American Anthropological Association, Latin American and Caribbean Association (LASA), South African Association of Anthropologists, South African Association of Sociologists.

**G. Lipps**

- Programme Evaluation Capacity Building for NGO's (January 2013 to May 2013). Co-developed and supervised the implementation of a programme evaluation capacity building workshop for Non-



Governmental Organizations. Basic programme evaluation skills taught to senior administrators and programme staff.

- Psychological Testing in Career Development (July 2013). Developed and delivered a workshop on the use of psychological testing and assessment in career guidance to Career Development Officers from HEART/NTA Trust.

**G. Mason**

- Vice President, Facilities for the NGO Woman Inc.

**R. Mitchell**

- Member, Caribbean Studies Association, American Sociological Association.
- President, Rotary Club of Portmore.

**S. Priestley**

- UWI Representative on the Adolescent Reproductive Health Policy Working Group of the Ministry of Health.

**H. Ricketts**

- Member, Technical Steering Committee, Jamaica Survey of Living Conditions.
- Member, Steering Committee, Development of a Social Protection Strategy for Jamaica.
- Member, Caribbean Studies Association; American Sociological Association.

**A. Shillingford**

- Designed and conducted training in Participatory Community Development Methods: Enhancing Capacities for Sustainable Development in Montserrat. Commissioned by the Caribbean Development Bank and the Basic Needs Trust Fund.
- Member, Council for Voluntary Social Services (CVSS) Executive Committee 2013.
- Member, Association of Caribbean Social Work Educators (ACSWE) 2013.

## MONA SCHOOL OF BUSINESS AND MANAGEMENT



**Densil A. Williams**, BSc, MSc *UWI*, PhD *Manchester Business School*  
**Executive Director**

### **WORK OF THE DEPARTMENT**

The 2012/2013 academic year was very special in the life of the Mona School of Business and Management (MSBM). It marked the first full year of operation of the merged entity under its new name and governance structure. Professor Paul G. Simmonds, its first Executive Director provided a steady hand in guiding the operations of the enterprise in its first year of operation. I will place on record, our strong appreciation to Paul for his leadership in laying the foundation for the MSBM to move to even higher levels of achievements as we continue to position the new school as the premier institution for business and management education in the Caribbean region.

As is expected in any merger, there were teething pains in trying to bring two disparate cultures under one umbrella and to be focused on a

singular vision. As difficult as this process was, the MSBM team was able to pull off a significant achievement by designing a strategic plan that will guide the operations of the School for the next 4 years. After a very long and tumultuous process which lasted for the better part of the year, the School finally settled on its strategic priorities and operational plan. At its core, the School's vision is:

**“To be the premier business School in the region globally recognized for management: education, research and consultancy.”**

To achieve this vision, the School has settled on its main mission which is:

**“To be a solution-oriented school of business and management which produces internationally competent and capable professionals and leaders through teaching, research and service.”**

This vision and mission were arrived at after deep consultation with all stakeholders both internal and external to the School. The members of the School's community have embraced this vision and mission and have expressed their willingness to make their contribution in helping the enterprise to attain its strategic objectives.

Repositioning the way that the Mona campus offers business and management education through the merger of the Department of Management Studies and the Mona School of Business is not an end in and of itself. The bigger picture is for the School to become a strong player in the increasingly competitive marketplace for higher education especially in the business and management discipline. In this regard, the strategic plan has as its main outcome, the school being in a position to submit to the Association to Advance Collegiate Schools of Business (AACSB) in 2017, a strong application for accreditation of its programmes. Attaining this accreditation from the most prestigious body which accredits business schools worldwide, will no doubt strengthen the profile of the School so that it can attract more international students, international faculty and deliver cutting edge executive programmes to local and foreign executives alike. The members of the School community are aware of this urgency to move in this direction and have been performing

their task over the past year to align the School to the standards that have been set out for us to achieve this big strategic goal at the end of the period.

This report summarizes the critical achievements of the school over the past year. These have helped to position the school to maintain its relevance to our stakeholders and make its contribution towards the continued development of the Jamaican and wider Caribbean economies. Some of the notable accomplishments for the year include, but are not limited to:

A total of 568 students joined the alumni ranks of MBSM; but significantly, this year marks the first cohort of the newly formed Master in Business Management graduating from the programme. This is an important achievement as this programme is gaining increased traction in the market place and these graduates will serve as ambassadors for this programme going forward.

In keeping with its solutions oriented and forward thinking mantra the school has also introduced E-books and tablet computers to over 150 students in the MBA programme. MSBM is the first business school in Jamaica, and the second unit on the UWI Mona campus to employ the cutting edge e-learning solution. The devices are provided by the School in collaboration with international publishing partners, Pearson and Cengage, and local technology firm, JL Mobile. The institution seeks to pioneer a new frontier in local business education by formalizing the use of e-books in its programme offering with all text books in electronic format.

To live our forward thinking mantra, the School has designed a number of new programmes to take advantage of the developments in the marketplace. These include, but are not limited to:

- Master in Enterprise Risk Management (MSc. ERM) designed jointly with the Department of Mathematics. Classes began on September 3, 2012. The size of this first cohort is 18.
- Diploma and Masters in Sports Business Management have been approved at all levels and can now be offered by MSBM.

Further, to continue to respond to our stakeholders with meaningful solutions to their problems, the MSBM continues to produce graduates that are equipped with the relevant skills to meet the needs of the marketplace. Our partnerships with stakeholders have helped us to achieve this goal. On February 21, 2013, representatives of Musson's Group of Companies and MSBM signed an agreement to launch a formal internship programme for MSBM's students. One of the major goals of this internship programme is to provide current undergraduate and graduate students with opportunities to develop and stimulate their interests and provide them with real-world business experiences.

Other manifestations of our work ready graduates can be found in the achievements of our students over the year. These include:

A team of MSBM students were awarded first place for their business plan in the Vincent HoSang Entrepreneurship Programme. Their company, Near Earth Delights, will be invited to apply to the Vincent HoSang Programme where they can access further advisory and monetary support to get their business commercialized. Importantly, the team went on to compete at the Opportunity Funding Corporation Innovation & Entrepreneurship (OFCIE) business plan competition, which was held in Atlanta, Georgia on April 18–21, 2013. They placed first in the competition among twenty (20) other Universities. The MSBM delegation was the only non-US based team among 25 schools including Howard University and Tuskegee University. This is the second time the UWI has won the prestigious competition, which is hosted in Atlanta, Georgia.

Also, for the first time, a team of undergraduate students from MSBM were among contestants in the February 2013 Kogod Business Case competition, held in Washington DC by the American University's Kogod School of Business. The team got high commendation from the judges for their work despite their late entry into the competition.

Over the year, the MSBM also hosted a number of seminars, symposia, conferences and special events which continued to share the research output of the school and also make advocacy in relation to public policy on national and regional issues.

Significantly, the School through its works over the year, was heavily featured at the awards ceremony for the Principals' outstanding research awards in January 2013. The School copped 5 of the six awards including the award for most outstanding researcher in the Faculty of Social Sciences.

In summary 2012/2013 was a most productive year for the School despite its newness in operating as a single merged entity coming from two disparate cultural settings.

### **PAPERS PRESENTED – REFEREED CONFERENCES**

- **Abrikian, H. and Lawrence, W.** (2013) "SME Restructuring: Financial Strategies for Turnaround and Growth." Manuscript No. PT3114 for the 15th International Academy of Management and Business (IAMB) conference in Lisbon, Portugal, April 17–19, 2013.
- **Crick, A.** (2013) "The fourth S in Caribbean Tourism: Creating smiles is big business and hard work", Academy of Business Conference, New Orleans, March 2013.
- **Chevers, D.** (2013). "Determinants of Process Maturity in English-speaking Caribbean Firms". Conference Proceedings at the International Conference on Information Resources Management (Conf-IRM) in Natal, Brazil, May 22–24, 2013, p. 1–12.
- **Donalds, C. and Osei-Bryson, K.-M.** (2012). "Towards the Construction of a Domain Ontology for Criminal Investigations: The Case of the Jamaican Constabulary Force". Special Interest Group on Global Development, Orlando Florida, December 2012.
- **Dunn, H.** (2012). "On Creative Resilience and Globalization from Below: Resisting 'Cultural Synchronization' in Jamaica, with Lessons For the Global South" International Conference on Communication and Global Power Shifts in Beijing, China on October 11, 2012.
- **K'nife, K., Haughton, A. and Dixon, E.** (2012) "Measuring Sustainability and Effectiveness of Social Value Creation by Social Sector Actors/Social

Enterprises Within Developing Countries”, Las Vegas, Nevada, October 10–13, 2012.

- **Nicholson, L.** (2013) “Family-owned Businesses – The seat of entrepreneurship: the case of the English Speaking Caribbean” 14th Annual SALISES Conference Cave Hill Barbados, April 22–24, 2013.
- **Nicholson, L.** (2013) “Religion & Family-Owned Businesses: The Case of the English Speaking Caribbean” 21st International Business Research Conference, Ryerson University, Toronto, Canada, June 10–11, 2013.
- **Rao L., Osei-Bryson K.M. and Reichgelt H.** (2012). “B2C E-Commerce Systems Quality Dimensions”. The Proceedings of the SigIQ Workshop 2012, Quality Information in Organizations and Society, Orlando, Florida, December 16, 2012.
- **Robertson-Hickling, H.** (2012) “An Academic Leader Comes Home to UWI Leadership, Social Capital and the Caribbean Diaspora” SALISES 50/50 Conference, August 24, 2012.
- **Spencer, A.** (2012) “The e-tourism landscape: a reflection on the interaction of technology and tourism in the Caribbean”, SALISES Fifty-fifty Conference The Commonwealth @ 50: More than a Beach? Kingston, Jamaica, August 20–25, 2012.
- **Tennant, D. & Tennant, S.** (2012) “Can a Labour Market Intervention to Social Protection Pay for itself: A Cost Benefit Analysis of the Steps to Work Programme in Jamaica” SALISES Thirteenth Annual Conference: Fifty Years of Independence in the Commonwealth Caribbean: Critical Reflections in a Time of Uncertainty, Kingston, Jamaica, August 20–25, 2012.
- **Tennant, S.** (2012). “The Political Economy of Road Development in Jamaica: A Case Study of Jamaica since Independence?”. SALISES Thirteenth Annual Conference: Fifty Years of Independence in the Commonwealth Caribbean: Critical Reflections in a Time of Uncertainty, Kingston, Jamaica, August 20–25, 2012.
- **Thompson, S.** (2013). “When the Opportunistic Adoption of Internet Technologies by Small and Medium-Sized Enterprises Segues into

Strategic Use: Cases from a Developing Country Context”. Proceedings of the Americas Conference on Information Systems, August 15–17, Chicago, US.

- **Thompson, S.** (2013) – WG 9.4: “Social Implications of Computers in Developing Countries” 12th International Conference on Social Implications of Computers in Developing Countries, May 19–22.
- **Williams, D.** (2012). “Gender and the Internationalization of SMEs” Allied Academies International Conference – Las Vegas, October 10–13, 2012.
- **Williams, D.** (2013). “The Enabling Business Environment and Business Failure among Start-ups: A Cross Country Analysis”. Washington Business Research Forum, March 14–16, 2013.
- **Williams, D.** (2013) “Resources and Failure of SMes: Another Look”. International Council of Small Business World Conference. Puerto Rico, June 20–23. pp. 1–22.

#### **INVITED PRESENTATIONS**

- **Crick, A.** (2012) “Turning the Titanic Around – Lessons from Jamaican Organizations”, Competitiveness Forum, Trinidad, November 2012.
- **Donalds, C.** (2012) SigGloDev 5th Annual Workshop, Orlando, USA, December 16, 2012.
- **Dunn, H.** (2012). “Regulators – Who Needs Them?” Conference of the Office of Utilities Regulation (OUR): Regulation as a Catalyst for Sustainable Development at the Jamaica Pegasus Hotel, November 1–2, 2012.
- **Dunn, H.** (2013). “Youth Communication Today: Sexting, Texting and Tweeting.” Trelawny Parish Library, February 2013.
- **Dunn, H.** (2013). “Fifty Years of Media in Jamaica: Impact, Challenges and the Future”, Jamaican Embassy in Washington USA – Jamaica 50 Lecture Series, on June 14, 2013.



- **Dunn, H.** (2013). “ICT Awareness and Capacity Building for Region-wide Broadband Deployment” CANTO Broadband Infrastructure Inventory and Public Awareness in the Caribbean, February 5–7, 2013.
- **Dunn, H.** (2013). “Safety of Journalists in the Caribbean”. World Press Freedom Day Caribbean Media Summit, Curaçao, May 2–3, 2013.
- **Dunn, H.** (2013) “Re-evaluating ‘Synchronization’: Crisis, Power Shifts and Alternative Conceptual Constructs in Communication Theory”, IAMCR Annual Conference in Dublin, Ireland, June 25–28, 2013.
- **Dunn, H.** (2013). “Changing Geography of the Field: Implications for Communication Theories”, IAMCR Annual Conference, Dublin, Ireland, June 25–28, 2013.
- **Dunn, H.** (2013) “The Challenges of Global Communications” Special International Thematic Workshop at the University of Padova, Italy, February 11–16, 2013.
- **Lawrence, W.** (2013) “Transforming Business Models for Organizational Growth”. Strategic Retreat of Grace Kennedy Foods Division, Kingston, Jamaica, on June 7, 2013.
- **Lawrence, W.** and **Thomas, R.** (2013) “How should Jamaican Financial Institutions Respond to Critical Macroeconomic Trends.” Meeting of Credit Union Managers hosted by the Jamaica Co-operative Credit Union League, Kingston, Jamaica, March 20, 2013.
- **Lawrence, W.** and **Thomas, R.** “How should Jamaican Insurance Firms Respond to Business Related Trends?” Breakfast session organized by the Caribbean Insurance Professionals Society (CIPS), Kingston, Jamaica, April 9, 2013.
- **Sowe, S. K.** and **McNaughton, M.** (2012). “Using Multiple Case Studies to Analyse Open Source Software Business Sustainability in Sub-Saharan Africa”.

- **McNaughton, M.** (2012) “The Evolving Role of Caribbean Statisticians and National Statistics Offices in the Emerging Open Data Ecosystem” Thirty-Seventh Meeting of the Standing Committee of Caribbean Statisticians (SCCS) at their Regional Statistical Research Seminar on November 2, 2012.
- **McNaughton, M.** (2013) “Opportunities for Open Data in Tourism Sector” ECLAC “Open Data 4 Development (OD4D) in LAC” Seminar/workshop and the regional OGP meeting, Santiago de Chile, January 9–11, 2013.
- **McNaughton, M.** (2013) “Open Data – Examples and Opportunities in the Caribbean” Public forum, Antigua & Barbuda, April 23, 2013.
- **McNaughton, M.** (2013) “Leveraging information technology for sustainable growth”, Caribbean Executive Leadership Series 2013, April 24, 2013.
- **McNaughton, M.** (2013) “Discussant at World Bank Knowledge Sharing” event to summarize preliminary findings of the Antigua & Barbuda Open Data Readiness Assessment, April 30, 2013.
- **McNaughton, M.** (2013) “The Changing Nature of Innovation – A Growth Imperative”, Katalyxt 2013 Business Development Conference, May 15, 2013.
- **McNaughton, M.** (2013) “Free and Open Source Software, Open Data and Open Standards”, UNESCO Consultative Meeting, Kingston, July 18–19, 2013.
- **McNaughton, M.** (2013) “Open Data & The Caribbean Open Institute” Data Journalism Workshop, Dominican Republic, July 21–23, 2013.
- **Minto-Coy, I.** (2013). “Technology and Telecommunications”. 10th Caribbean MBA Conference, Kingston, Jamaica, January 4–5, 2013.
- **Minto-Coy, I.** (2013). “Researching the Caribbean Diaspora.” Diasporas, Development and Governance in the Global South Conference, Waterloo, Canada, May 26–29, 2013.

- **Minto-Coy, I.** (2013). “The Jamaica Diaspora Policy”. Jamaica Diaspora Conference 2013, Montego Bay, Jamaica, June 16–19, 2013.
- **Robertson-Hickling, H.** (2013) “The Impact of Migration in the Caribbean” Jamaica Theological Seminary Kingston, March 6 2013.
- **Robertson-Hickling, H.** (2013) “Working with Culture”. McGill University, Montreal, Canada, July 3–4, 2013.
- **Robertson-Hickling, H.** (2013) “A Case Study: Baking from Border Jamaica to Bronx New York .The Story of Golden Krust Bakery and Grill” The First Black Entrepreneurship Conference in Port of Spain Trinidad. July 24–26, 2013.
- **Williams, D.** (2012). “Fostering International Entrepreneurship among Caribbean SMEs: Some exploratory thoughts”. Competitiveness Forum- Hyatt, Trinidad and Tobago November 5–6, 2012.
- **Williams, D.** (2012). “Beyond the grave: Is Manley’s economic philosophy relevant to the advancement of Contemporary Jamaica?” Kingston Parish Library: Jamaica.
- **Williams, D.** (2012). “Globalization, Competitiveness and Small Economies”. IADB, Washington DC. December 5, 2012.
- **Williams, D.** ( 2013) “To CUT or Not to Cut”. Mona School of Business and Management – Economic Action Forum, February 12, 2013.
- **Williams, D.** (2013). “Currency Depreciation: An Opportunity for Growth?”. Capri Forum, UWI, Mona. April 9th, pp. 1–14.
- **Williams, D.** (2013). “SME Policy and Economic Growth”. JamFin Launch – March 20, 2013. Medallion Hall Hotel. Kingston Jamaica. pp. 1–5.
- **Williams, D.** (2013). “Caribbean Economies within the Context of the Global Economic Crisis.” CTF/CUT John Thompson Young Leaders Workshop, April 25–27, Jamaica Grand, Ochio Rios, Jamaica.

- **Williams, D.** (2013). “Economic Growth and People Power: Unleashing the Potential”. Hugh Lawson Shearer Trade Union Education Institute. Forum on the Economy. Gold Room, UWI, Mona. May 16. pp. 1–8.
- **Williams, D.** (2013). “Re-engineering Growth: Doing Business in the New Global Economy”. 5th Biennial Conference on Business, Banking and Finance. UWI St. Augustine. May 2–3. pp. 1–9.

## **PUBLICATIONS**

### **Refereed Book**

- **Dunn, H.** (Ed.) *Ringtones of Opportunity: Policy, Technology and Access in Caribbean Communications*. Kingston: Ian Randle Publishers.

### **Refereed Book Chapters**

- **Dunn, Hopeton and Minto-Coy, Indianna.** (2012). “Strategic Issues, Challenges and Opportunities in Caribbean ICTs”. In Dunn, Hopeton, *Ringtones of Opportunity: Policy, Technology and Access in Caribbean Communications*. Kingston: Ian Randle Publishers.
- **Dunn, Hopeton, Thomas, Michele and Brown, Allison** (2012). “Re-Thinking ICT Policy Making in the Caribbean: A Decision-Making Framework for the 21st Century”. In Dunn, H. (Ed.) *Ringtones of Opportunity: Policy, Technology and Access in Caribbean Communications*. Kingston: Ian Randle Publishers.
- **Dunn, Hopeton and Johnson-Brown, Sheena.** (2012). “Information Literacies and People Empowerment in the Global South”. In Dunn, Hopeton, *Ringtones of Opportunity: Policy, Technology and Access in Caribbean Communications*. Kingston: Ian Randle Publishers.
- **Dunn, Hopeton and Cowell, Noel.** (2012). “Mobility and Work in the Caribbean – Telecommuting for Personal and Regional Development”. In Dunn, Hopeton, *Ringtones of Opportunity: Policy, Technology and Access in Caribbean Communications*. Kingston: Ian Randle Publishers.

- **Dunn, H.** (2013) “Slavery and Emancipation in the Caribbean: Preserving the Public Memory”. In Lee, Philip and Thomas, Pradip Ninan Thomas *Public Memory, Public Media, and the Politics of Justice*. Palgrave.
- **Dunn, Hopeton S.** (2013) “Something Old, Something New . . . : WikiLeaks, Newspapers and Conjoint Approaches to Political Exposure”. In (eds.) Benedetta Brevini, Arne Hintz and Patrick McCurdy, *Beyond WikiLeaks: Implications for the Future of Communications, Journalism and Society*. Palgrave MacMillan.
- **McNaughton, M., S. Thompson, E. W. Duggan.** (2012). “Adoption and Diffusion Patterns of FOSS in Jamaican SMEs: A Study of Perceptions, Attitudes and Barriers”. *Free and Open Source Software and Technology for Sustainable Development* part of the edited Book: S. K. Sowe, G. Parayil, and A. Sunami (Eds). *Free and Open Source Software and Technology for Sustainable Development*. UNU-Press (Summer, 2012).

#### **Papers Presented in Refereed Journals**

- Chevers, J.E., **Chevers, D.** & Munroe, T (2013). “The internal audit process and good governance: Toward a research model.” *Academy of Business Research Journal*, 1, p. 48–58.
- Clayton, A., **Knife, K., Spencer, A.** (2012) “Using Integrated Assessment to develop Policy Options: Trade, Land Use and Biodiversity – a case study of the sugar industry in Jamaica”. *World Journal of Entrepreneurship, Management and Sustainable Development* Vol. 8, No. 2. pp. 170–182.
- Mansingh G., **Rao L., Osei-Bryson K. M., Mills A.** (2013). “Profiling Internet Banking Users: A Knowledge Discovery in Data Mining Process Model Based Approach”. *Information Systems Frontiers*, Springer, 1–23.
- Guzder, J., Paisley V., **J. Robertson-Hickling H & FW Hickling** (2013) “Promoting Resilience in High-risk Children in Jamaica: A

Pilot Study of a Multimodal Intervention.” *Journal Canadian Academy of Child and Adolescent Psychiatry* 2013 May; 22(2): 125–130.

- Hickling, F. W & Robertson-Hickling, H. (2013). “Media Representation of Personality Disorder In Jamaica-Public Scholarship as a Catalyst of Health Promotion”. *West Indian Medical Journal*, July 2013.
- Spencer, A., Buhalis, D., Moital, M. (2012). “A Hierarchical Model of Technology Adoption for Small Owner-Managed Travel Firms: An organizational decision-making and leadership perspective”. *Tourism Management Journal*. Vol. 33, No. 5, pp. 1195–1208.
- Williams, D. (2012). “Industry sector and the export behaviour of small, locally-owned firms”. *Journal of International Business Research*. 11, special issue (1) pp. 15–28.
- Williams, D. (2012). “International Standards and Trade: Evidence from Caricom Economies.” *Forum Empresarial*. 17, 2 pp. 1–22.
- Williams, D. (2013). “Gender and the Internationalization of SMEs”. *Journal of International Business Research*. 12, (1) pp. 133–146.
- Williams, D. and Knife, K. (2012). “Correlates of Gender and Credit Behaviour in Small Firms: Evidence from Small, Developing Economies”. *Entrepreneurial Executive*. Vol. 17, 69–86.

#### **Non-Refereed Journals**

- Dunn, H. (2012). “Jamaica Country Report”. *Global Information Society Watch* (GISW), APC.

#### **AWARDS**

- Chevers, D. – Received a 6-month fellowship to Carleton University, Ottawa, Canada (effective January 1, 2013) to conduct research with Dr. Gerald Grant on Information Systems Quality in Canadian Software Development Firms.
- Chevers, D. – One of two recipients of the UWI/Guardian Life Teaching Award for 2012.

- **Hopeton D. and Rupert Lewis** – The Best Research Publication at the UWI Annual Research Days Awards Ceremony. (Edited Collection) Special Issue: Communicating Pan-Africanism: Caribbean Leadership & Global Impact. *Critical Arts South-North Cultural & Media Studies* Vol. 25, No. 4, December 2011.
- **Hopeton D., Brown, A. and Thomas, M.** – The Project Attracting the Most Research Funds at the UWI Annual Research Days Awards Ceremony, awarded to Project – Open Business Models: New Compensation Mechanisms for Creativity and Inclusion.
- **K'nife, K.** – received the Allied Academics International Fall Conference (AAIFC) Academy of Entrepreneurship Distinguished Researcher Award for paper entitled “Measuring Sustainability and Effectiveness of Social Value Creation by Social Sector Actors/Social Enterprises within Developing Countries”, October 10–13, 2012 in Las Vegas, USA.
- **McNaughton, M., Duggan, E. and Forrester, T.** – The Project with the Greatest Business/Economic/Developing Impact at the UWI Annual Research Days Awards Ceremony, awarded to for the Mobile Financial Services Research Project.
- **Rao-Graham, L., and Gunjan Mansingh** – The Best Research Publication at the UWI Annual Research Days Awards Ceremony, (Article) Building ontology based knowledge maps to assist business process re-engineering, in *Decision Support Systems*, Vol. 52, Issue 3, February 2012, pp. 577–589.
- **Spencer, A.** – Institute of Travel and Tourism PhD thesis of the Year Award, 2011/2012, Institute of Travel and Tourism Education and Training Committee, United Kingdom.
- **Williams, D.** – AAIFC Distinguished Research Award for paper entitled “Gender and the Internationalization of Small and Medium-Sized Enterprise”, October 9–12 in Las Vegas, USA.
- **Williams, D.** – Received Outstanding Researcher Award at the UWI Annual Research Days Awards Ceremony, for the following three (3) works:

- o Technology and the export behaviour of small, locally owned firms: New insight, in *Journal for the Advancement of Developing Economies*, Vol. 1, Issue 1, 2012, pp. 3–23.
- o The Dark Side of Social Entrepreneurship, in *International Journal of Entrepreneurship*, Vol. 16, 2012, pp. 69–81.
- o *Competiveness of Small Nations: What Matters?* Arawak Publishers. Kingston: Jamaica.

### **RESEARCH SEMINARS**

The Business School hosted a series of Brown Research Seminars throughout the second half of the academic year, during the months of March, April and May 2013. The sessions included presentations by Faculty members and Doctoral students who are engaged in research. Among the topics presented were 1. Testing of Theory and Related Factors for Influencing Proficiency in Quantitative Research; 2. Modeling Business Failure among SMEs: An Artificial Neural Networks and Logistic Regression Analysis; 3. Factors That Influence Group Perceived Cohesion Used As A Measure Of Software Quality In Open Source Communities And The Interacting Effect Of Embedded Structural Networks. The seminars served the purpose of sharing research engagements among faculty members and also fostered interaction with doctoral students of the school.

On April 11, 2013, MSBM, in conjunction with the JBDC/UWI Business Centre, held a Business Dialogue series under the topic “The IMF Agreement – Implications for Small Business”

The School joined efforts with the Jamaica United for Sustainable Development to host a seminar on “An Economic Action Plan – Options for Jamaica” at the Faculty of Law on February 12, 2013. Presenters included Dennis Chung, Dr. Densil Williams, Professor Evan Duggan, Professor Anthony Clayton, Ralston Hyman and panelists Mark Kerr-Jarrett and Dr. Andre Haughton. The seminar was well attended with well over 100 persons from the Public and Private Sectors.



The Mona School of Business and Management, with the Private Sector Organisation of Jamaica (PSOJ) and the Jamaicans United for Sustainable Development (JUSD), hosted a Tax Reform Forum on July 24, 2013 at the Faculty of Law. Presenters included Chris Zacca, President of the PSOJ, Ainsley Powell of the Tax Administration of Jamaica, Dr. Densil Williams, Richard Byles, Ralston Hyman, Dr. Tamoy Christie, Brian Pengelley and Dennis Chung. The aim of the Forum was to increase discussions from which suitable recommendations could be derived to aid the tax reform process in Jamaica.

### **GRANTS**

- **Donalds, C.** – Received New Initiative Grant (effective August 1, 2012) for project entitled – Towards the Construction of a Criminal Investigation Knowledge System for the Jamaican Constabulary Force: An Ontology and a Meta-Directory.
- **Rao-Graham, L.**, – Received a UWI New Initiative Grant for the project entitled “Designing a Tertiary Educational Decision Support System: Identifying the Critical Information Set and Decision Making Styles”, 2013.

### **OUTREACH**

The Office of Social Entrepreneurship (OSE) engaged in collaborative initiatives such as the “Be the Change” Summer Camp held on the University of the West Indies campus. The camp catered to youth from communities under programmes administered by Jamaica Social Investment Fund (JSIF). There were a total of 37 participants present at the camp of which 20 were males and 17 females. The programme continues to target youth from communities normally considered to be at-risk. The camp lasted for 13 days. The Positive Youth in Action Limited, which is a registered Community-Based Organisation (CBO), provided much-needed logistical and mobilisation support for the duration of the camp. The objective of the programme was to provide participants with a

greater appreciation for self, their community and the nation. This was the common strand which bound all the presentations that took place throughout the summer camp.

The Office of Social Entrepreneurship (OSE) also continued to be involved in the GNAT High Achievers programme which was run from October 2012 to June 2013, with the aim of providing supplementary support for students who would sit the Grade Nine Achievement Test and needed supplementary assistance in their preparations. The YCWJ-OSE programme has prided itself as one which focuses its intervention on communities and schools which either serve at risk groups or are considered at-risk based on government classification. The team examined the communities from which the students who attended the programme reside and it reconfirmed the idea that the programme reached its intended target.

## **PUBLIC SERVICE**

### **Mr. Harry Abrikian**

- Member, CVSS/United Way Projects and Programmes Committee.
- Member, Board of Directors of Business Recovery Systems Limited.

### **Dr. Olivene Burke**

- Member, Grace Missionary Church Council.
- Director, Grace Missionary Church Youth Department.
- Member, Jamaica National, Papine branch Advisory Council.
- Board Member, Hope Valley Experimental Infant and Primary School.
- Board Secretary, Hope Valley Experimental Infant and Primary School.
- Board Member, Hermitage Basic School.

- President, Hope Valley Infant and Primary School Parent Teachers' Association.

**Dr. Kamau Chionesu**

- Contributor to the Caribbean Dialogues Forum
- Advisor/Social & Economic Analyst, Jamaicans for Justice, Social & Economic Justice Project.

**Dr. Anne P. Crick**

- Director, JMMB Board.
- Chair, Human Resource, Nominations & Corporate Governance Sub-committees, JMMB.
- Member, Board of Studies, College of Insurance & Professional Studies

**Dr. Derrick Deslandes**

- Member, Cocoa Diversification Enterprise Team, Ministry of Agriculture
- Member, Tourism Linkage Committee, Ministry of Tourism
- Collaboration with Nipissing University.
- CAPE Tourism Lecture, St. Georges College, Trinidad.

**Dr. Charlette Donalds**

- Reviewer, International Conference on Information Systems (ICIS)
- Reviewer, Special Interest Group on Global Development (SigGlobDev)
- Reviewer, Hawaii International Conference on System Sciences (HICSS)

**Professor Hopeton Dunn**

- Member, University Senate.
- Chairs the UWI Advisory Committee on CKLN/C@ribnet relations with UWI.

- Secretary General, International Association for Media and Communication Research (IAMCR).
- Chairman, Broadcasting Commission of Jamaica.
- Member, Jamaica National Commission for UNESCO.
- Chief Judge, Jamaica Broilers Group Fair Play Media Awards.
- Member, Editorial Board, *International Journal Telecommunications Policy*.
- Lay Magistrate and Justice of the Peace for the parish of Kingston.

**Dr. K'adamawe K'nife**

- Member, Organizing Committee, 'Be the Change' Summer Camp 2012.
- Facilitator, Biz Lab – “How to develop i3 Summer Camp”.
- Student for the Advancement of Global Entrepreneurship – Judging Panel – SAGE World Cup San Francisco, July 26–August 3, 2012.

**Dr. William Lawrence**

- Member, Board of Trustees, Small Business Association of Jamaica.
- Board of Directors, McIntosh Bedding Company Limited.
- Member, Turnaround Management Association (TMA).

**Mrs. Vanda Levy-McMillan**

- Member, Senior Management Team of the Jamaica Netball Association.
- Member, Jamaica Employer's Federation Convention Programme sub-committee.
- Member, Change Management Committee relative to the MSB/DOMS merger

**Dr. Maurice McNaughton**

- Member, GOJ GovNet Working Group.
- Completed article for Jamaica@50 edition of the MSBM Business Review titled: “Jamaica's Olympics Village in Birmingham: A

Microcosm for Enhancing Cultural and Economic Possibilities in the Jamaican Diaspora”.

- Member, Board of Directors, Universal Media Company Limited – operators of NewsTalk 93 FM.
- Facilitator Technology/Media panel for Caribbean MBA Conference 2013.
- Mini-track chair review duties for “Mobile ICTs for Service Delivery” – AMCIS 2013 – Chicago.
- Contributed to development of “ICT Roadmap” for Ministry of STEM
- Member, GOJ Steering Committee for “Tablets in Schools” pilot project
- Handover of 20 OLPC XO’s to Mission House Basic School, Gordon Town.

**Dr. Lawrence Nicholson**

- Presentation of Findings from 2012 Survey of Financial Literacy in Jamaica – Financial Service Commission, March 2013.
- Participated in a training workshop on healthcare system in Trinidad – July 22–26, 2013.
- Facilitated a session on April 15, 2013 at Shortwood Teachers’ College on the topic: “Reflecting on your leadership skills”.
- Member of panel to discuss the impact of the IMF Agreement on Small and Medium Sized Enterprises, April 11, 2013.
- Guest on TVJ’s *Smile Jamaica* on April 18, 2013. Spoke on the Economic Impact of the Logistics Hub in Jamaica (as a spin-off from the expansion of the Panama Canal).
- Chairman – Steering Committee – Poverty Reduction Programme (PRP) 2 & 3
- Chairman – Board of Governors – Mona High School
- Director – Television Jamaica (TVJ)

- Member, FSS Sub-Committee for Graduate Studies.

**Dr. Lila Rao-Graham**

- Reviewer for the *Information Systems Frontiers (ISF) Journal*.
- Member, Faculty of Social Sciences Graduate Studies Sub-committee
- Member of the organizing committee for the UWI 5K to be held on Sunday November 18, 2012.
- Mini Track Chair for the ICT and Sustainable Development in the Caribbean Track at AMCIS 2013, August 15–17, 2013, Chicago, USA.
- Member of the local organizing committee of the International Federation for Information Processing (IFIP) 2013 conference to be held in Ocho Rios, Jamaica, 19–22 May, 2013.
- Member of the CB UWI 5K Committee.

**Dr. Hilary Robertson-Hickling**

- Member, Board of Managers of St Andrew High School
- Member, Board of Managers of the Queen’s School
- Member, Teachers Services Commission.
- Member, Mary Seacole Foundation.
- Member, Career and Placement Board.
- Panellist – Ministry of Education Exhibition Scholarship.
- Member of the panel for the Selection KOGOD Case Competition Team.
- Justice of the Peace.

**Mr. Ralph Thomas**

- Provided advisory services on Business Planning to the Directorate of Sports Management related to the UWI Stadium.

**Dr. Densil Williams**

- Chairman, Rural Agriculture Development Authority

**Mona School of Business and Management**

- Deputy Chairman, Spectrum Management Authority
- Director, Fair Trading Commission
- Mona Academic Representative – UWI Strategy Committee
- Chairman – Audit Committee – Spectrum Management Authority
- Vice Chairman – Project Advisory Board – Collaborate to prosper project – Competitiveness Company/USAID Project.
- Member, Steering Committee, Caribbean Centre for Competitiveness





**INSTITUTE AND  
RESEARCH  
CENTRES**

**Mona**

Year ending July 31, 2013

# CONFUCIUS INSTITUTE



Courtney A. Hogarth, PhD *Central Academy of Fine Arts, Beijing, China*  
Director

The Confucius Institute is a unit within the Department of Modern Languages and Literatures whose primary objective is to promote the learning of Chinese language (Mandarin) and culture among Jamaicans.

## HIGHLIGHTS OF ACTIVITIES 2012–JULY 2013

September, 2012, saw the beginning of the third academic year of operations at the Confucius Institute. The following constitute the members of staff:

- **Dr. Courtney A. Hogarth**, Jamaican Director (University of the West Indies, Mona, Jamaica)
- **Professor Lu Shaogang**, Chinese Director (Taiyuan University of Technology, China)
- **Mrs. Shen Xiaoyan**, Chinese Teacher (TUT)
- **Mrs. Liang Yingping**, Chinese Teacher (TUT)
- **Mrs. Yu Chunping**, Chinese Volunteer (Embassy of China in Jamaica)

- **Mr. Wang Junwei**, Chinese Volunteer (Shanghai Foreign Studies University)

The following courses and the number of students registered were as follows:

- Mandarin 43
- Tai Chi 18
- Film of the Month

In September the Institute prepared and sent seven (7) Hanban Scholarship students to Taiyuan University of Technology in Taiyuan, Shanxi Province, China.

The Institute celebrated the Mid-Autumn Festival during the month of September with an evening reception attended by students and staff, including the Principal of the Mona Campus, Professor Gordon Shirley.

October 2012, saw the launch of the Affiliated Chinese Classrooms at Ardenne High School and Campion College. The event was attended by Professor Gordon Shirley, members of the Local Advisory Board of the Confucius Institute as well as Principals and students of the aforementioned high schools. Professor Shirley brought greetings from his office, wishing the endeavour success. Dr. Ramsay brought greetings from the Department of Modern Languages and Literatures, as well as Mrs. Nadine Malloy, Principal of Ardenne. Notably, Mrs. Grace Baston, Principal of Campion College was absent due to ill health. This launch saw performances from the UWI students, as well as from the high school students. It was also covered in the print media. In total there were about 60 people in attendance.

During December, Dr. Paulette Ramsay, Head of the Department of Modern Languages and Literatures, Professor Lu Shaogang and Dr. Courtney A. Hogarth, travelled to China for a meeting of the Confucius Institute Board at the Taiyuan University of Technology. Following the meeting the group travelled to Beijing to participate in a reception hosted by the Jamaican Embassy in Beijing in celebration of 40 years of diplomatic relations between Jamaica and China. The work of the Confucius Institute in Jamaica was praised in an address delivered by Jamaican Ambassador to China, H.E. Courtenay Rattray.

The group also participated in the seventh Annual Hanban Conference, at the Beijing International Conference Centre.

On December 4, 2012 the Confucius Institute administered its first ever HSK Exams.

During the month of February, the Institute welcomed Professor Al Huang Chungliang, well respected author, philosopher, Taiji master, performing artist, founder-president of the Living Tao Foundation and the international Lan Ting Institute in the sacred Wu Yi Mountains of China. Professor Huang was in Jamaica for the fourth Confucius Institute Anniversary Lecture. He spoke on the topic: “The Three Pillars of Asian Wisdom: Buddhism, Taoism and Confucianism in the West”. This lecture was covered by the print media and saw approximately 300 people in attendance. Professor Huang also hosted a Tao (Taiji) Workshop for members of the community and spoke at a Modern Languages and Literatures seminar on ‘Taoist Philosophy in Everyday Living’. Among the panelists were, Dr. Paulette Ramsay, Professor Lu Shaogang and Dr. Courtney A. Hogarth. This was well attended by members of the community, though primarily arranged for the UWI students.

In addition there was a book-signing at Bookophilia in Kingston, at which Professor Huang spoke and signed copies of his books. This was well attended and well received.

On March 3, 2013, the episode of Ian Boyne’s Profile, featuring Professor Al Huang Chungliang was broadcast on Television Jamaica.

At the end of March, Professor Du Juemin of the Central Academy of Fine Arts arrived in Jamaica. He came at the invitation of the Confucius Institute and the Mona Campus, to be Artist-in-Residence for a five week period.

On March 24, 2013, the Confucius Institute again administered the HSK Examinations for students hoping to eventually study in China.

The Confucius Institute played an active role, once again, in the Modern Languages Day activities of the Department of Modern Languages and Literatures on March 31, 2013.

While in Jamaica, Professor Du engaged in the following activities:

- April 18–May 4, 2013, ‘Reflection’, an exhibition of ink paintings

almost spanning the breadth of Professor Du's career. This was held at the Olympia Gallery in Kingston and opened by Jamaican Director, Dr. Courtney A. Hogarth.

- Delivered a lecture titled, "The Soul of Chinese Painting" at the Confucius Institute on April 2, 2013. This was well attended by artists, a few students and members of the wider community.
- On April 11, 2013, Professor Du also delivered a lecture of the same title at the Edna Manley College, School of Visual Arts.
- Also on April 11, Professor Du presented the film 'Life on a String', directed by Chen Kaige.
- Professor Du's final presentation in his residency programme was the film 'Black Blood', directed by Zhang Meiyan. Interestingly, Professor Du had a hand in the production of the film. Shown on April 26, 2013, this film was attended by students and members of the community.

The YCT Examination for high school students from the Affiliated Confucius Classrooms at Ardenne High School and Campion College was administered at the Confucius Institute. In total 16 students from both schools sat this exam.

Once again the Confucius Institute administered the HSK Examination for its students in May 2103.

The Confucius Institute, as part of its mandate to train local teachers, sent Ms. Giselle Jones to China for training. For the duration of a month she received training in Beijing and Shenyang on teaching Chinese to speakers of other languages.

On June 12, 2013 a special version of our annual Mid-Autumn Festival was organized. It was special because of the fact that the Mid-Autumn Festival, the send-off ceremony for two CI volunteers, as well as the Mandarin Retreat for students of the Confucius Institute community classes were all rolled into one.

On July 2, 2013, Chinese and Jamaican Directors, Professor Lu Shaogang and Dr. Courtney A. Hogarth travelled to Medellin, Colombia for the Annual Regional Meeting of Latin American Confucius Institutes. During this meeting we addressed several aspects of the Confucius Institute management and spoke of long-term plans to 2020.

## EARTHQUAKE UNIT



**Lyndon Brown**, BSc *UWI*, MA *CUNY*, PhD *UDEL*  
Head of Unit

### **INTRODUCTION**

The Earthquake Unit (EQU) is a research unit in the Department of Geography and Geology that is funded directly by the Government of Jamaica (GOJ) as the sole agency responsible for the monitoring of earthquakes and research in seismic hazards in Jamaica. The EQU budget is supported by the Government of Jamaica with allocations through the Ministry of Science Technology Energy and Mining (MSTEM). The budgetary allocation to the EQU by the GOJ during this financial year amounted to J\$29,995 million. This has put the EQU in a position to improve its network to a fully digital network.

### **WORK OF THE UNIT**

The addition of another broadband seismometer during this period to the Jamaica Seismograph Network now puts the unit in a position to

## Earthquake Unit

operate fully as a digital network. The short period network is now being phased into a secondary network acquisition source of the Jamaica Seismograph Network.

As part of this improvement a digital radio link was built from MBJ (Kempshot-Montego Bay St. James) via Ayr Hill and Cooper's Hill to UWI as a means to improve data transfer between Montego Bay and UWI. This radio link was through the assistance of the Aeronautical Telecommunications Limited Jamaica (AEROTEL). With this broadband network the EQU is now using Seiscomp3 software for the earthquake data analysis solutions (preliminary solutions -testing phase). Earthquake events can be done and bulletins provided to relevant persons and the media within a few minutes of the event then later can be rechecked for accuracy by the Seismic Analyst as is done in bigger modern networks. The EQU is now sharing real-time data with International Seismic networks such as Incorporated Research Institute of Seismology (IRIS), regional seismic networks such as the Puerto Rican Seismic Network and the Cuban Seismic Network as broadband data is accessible real time from the EQU network.

The seismic site effect/microzonation of Kingston has now been completed and also the update of Probabilistic Seismic Hazard Maps for Jamaica. These are very significant developments for engineering designs and the update of the seismic code that is of national significance. All these data and maps are available at the EQU and also in peer reviewed journals.

The EQU is now paying serious attention to the installation of strong motion seismometers (accelerometers) in critical facilities across highly populated centres across the island. The accelerometers record ground response after major earthquake events and will provide data to better understand site specific ground response in order to improve seismic microzonation and the building code. Instruments located on buildings can be used as tools for providing retrofitting assessment in the event of a major damaging earthquake.

The EQU has acquired funding to add eight (8) accelerometers to the Jamaica Strong Motion Network. Two (2) of these instruments were

acquired through a collaborative proposal with the Seismic Research Centre (SRC) in St. Augustine to the Caribbean Catastrophe Risk Insurance Facility (CCRIF) with an objective to strengthen and support the strong motion network in the Caribbean in order to better evaluate and mitigate seismic risks in the Eastern Caribbean and Jamaica. Location for the installation of these instruments has already been determined with one instrument for the Kingston Container Terminal and the other in the Long Mountain. The idea behind these locations is to monitor ground motion on a hard rock site (Long Mountain) and a soft rock site (Kingston Container Terminal). This data will be invaluable to engineering designs. Funding of the other six (6) instruments came through the Office of Disaster Preparedness and Emergency Management (ODPEM). The location of these instruments has also been determined with two (2) to be placed on the ODPEM building, two (2) at the Kingston Hospital and the other two (2) instruments will be located at the Portmore HEART Academy. It is expected that these instruments will be delivered by the end of 2013. The installation of these instruments should bring the network to sixteen instruments scattered across the island mostly in Kingston. These instruments operate in a standby mode and start recording when triggered by earthquakes typically greater than magnitude 3.5. They are very important in acquiring data that are used in seismic hazard assessment, studying the response of sites to ground shaking and provide parameters to be used in constructing or retrofitting important structures.

The project towards the monitoring of the fault activity is now being supported by the three (3) permanent GPS stations; a part of the United States funded University Consortium (UNAVCO) Caribbean Continuously Operating GPS Network (COCONET). In addition, data is now being provided to this project by the National Land Agency from their thirteen (13) permanent GPS stations, a part of their Land Administration and Management Project (LAMP). Data from these instruments are shared with the EQU collaborators and then incorporated with the data obtained from the other thirty-six (36) points that are currently monitored under the “Measuring slip rates on local and regional faults” project through collaboration with geophysicist Chuck De Mets from the University of



## Earthquake Unit

Wisconsin. Throughout this year efforts have been made to ensure that the GPS instruments located on Pedro and Morant Cays are functioning. A number of maintenance trips were made to these cays with the assistance of the JDF Coast Guard and the Port Authority of Jamaica. The JDF and the Port Authority of Jamaica continue to pledge support to the EQU to ensure that maintenance trips to the instruments on the cays will be supported.

Continued sonar mapping and liquefaction assessment of the Kingston harbour and Port Royal, respectively occurred in January with a group from the Southern Methodist University, Dallas Texas. We also did further sonar mapping in St. Thomas. In this project a number of gravity cores were obtained to date the history of tsunami deposits in the Kingston Harbour which are evident on sonar profiles. The analysis of these cores is expected to be completed by December.

With the funding of new equipment to the Comprehensive Test Ban Treaty Organization's (CTBTO's) National Data Centre (NDC) at the Earthquake Unit during last year, installation of this hardware was done during the course of this year. A training course on the "NDC in a box" for processing of the CTBTO data at the National Data Centre (NDC) was also done during the installation by the visiting engineer from the CTBTO.

The Jamaica Seismograph Network continues to operate at a reasonably efficient level; however, there are challenges in getting the stations to work at full efficiency due to shortage of spares and also due to acts of nature such as the most recent Tropical Storm Sandy, lightning damages and technological issues. However, we are always working assiduously to mitigate and repair within an acceptable time frame. The network saw some improvement in the infrastructure at a number of the seismic stations as follows:

**Yallahs (YHJ):** Antenna heightened – resulting in an improvement in the digital link to the Central Recording Station at the EQU Unit.

**Bamboo (BBJ):** The addition of a 130 watts solar panel and installation of equipment in a housing (built by EQU but fell into disrepair through

nonuse) that was recently repaired. This allows the station to operate independently of Aerotel which owns and operates a telecommunication network at this location. The EQU was dependent on Aerotel for providing electrical power and storage of the EQU equipment.

**PIKE (CVJ):** Seismic equipment was transferred outside of Aerotel housing to a concrete pad that was constructed at the same location. A two inch galvanized pole for the antennas was installed closer to the enclosure with lightning and grounding rod installed. All the equipment including the GPS NETRS receiver and seismometer are now installed in this new fiberglass housing.

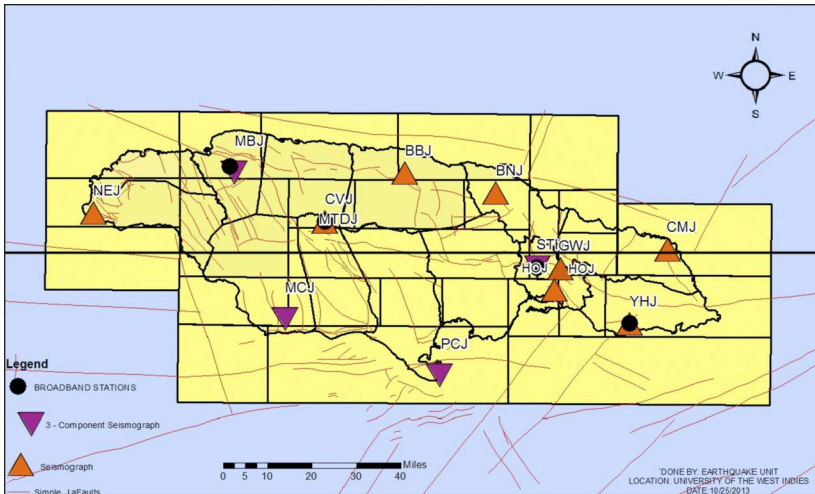
**MONTEGO BAY, KEMPSHOT (MBJ):** MBJ was upgraded to a new six channel digital station with the installation of a broadband seismometer, accelerometer with a digitizer and communication module.

The Earthquake Unit also saw the addition of two new members of staff, both short term employments: Ms. Zeaundra Gayle and Mr. Travis Edwards, both worked as GIS officers. Ms. Gayle is no longer with the unit; however, Mr. Edwards, who started as part of an internship programme by UTech, continues to work as a part time staff to assist with GIS and mapping needs.

## **OUTREACH ACTIVITIES**

A number of primary and high schools visited the EQU, totaling 497 students and 29 teachers. The Seismic Analyst and Education Officer provided presentation to the visitors on the operation of the Seismic station and also information on Jamaica's seismic activity earthquake awareness. Visitors included students from the teachers colleges, UTech and UWI. The presentation and visits are all designed to complement the curriculum in the primary and high schools and also provide tertiary students with resources for research papers and thesis. Members of staff of the EQU also visited a number of private sector organizations, community organizations, colleges and expos to educate the public in an effort to fulfill its mandate towards educating the society about seismic occurrence and vulnerability.

## Earthquake Unit



**Figure 1:** Location of seismic stations that forms the Jamaica Seismograph Network (JSN). Location of the analog short period seismographs, 3-component seismograph and the updated digital broadband seismometers are shown. Stations are shown in relation to the JSN subarea division and the lineation of the dominant faults in Jamaica.

The EQU Library now has a list of its collection in a database online so that the wider university community can have information on the holdings of the EQU and can visit the unit to use any of this collection. The focus is the development of a collection that can attract students and the wider community to utilize the resources of the EQU.

There were also several media interviews and forum to discuss matters relating to earthquake and development.

### **EARTHQUAKES RECORDED**

The JSN saw slightly higher numbers of earthquakes recorded this year with an additional fifteen percentage (15%) increase in the number of events. Similarly, an increase in the number of felt events during the period also shows an increase of forty-five (45%) percent. However, in real numbers thirteen (13) felt events occurred this period as against nine

(9) from last period. No distinct trends were seen along any fault line although in areas such as the south-western end of the island along the Montpellier-Newmarket subarea an increase in the activity was seen. Some of these events could also be attributed to aftershocks from the largest event recorded (Magnitude 4.2 ) during this period that had an epicentre in this subarea.

In total the JSN recorded and processed two hundred and sixty seven (267) events, twenty two (22) of which were determined to be blasting events. Of the remaining two hundred and forty five (245) earthquakes during this period (August 2012–July 2013), only one hundred and one (101) were local events. (See table 1).

**Table 1:** Events recorded by the Central Recording Station at the EQU, of the 101 local events, only 13 were felt.

#### Earthquake Event Summary, August 2012–July 2013

Year	Month	Located Events			Recorded Events					Total recorded	Felt Event
		Local	Near	Total located	Local	Near	Regional	Distant	Blasts		
2012	Aug	6	0	6	6	0	8	1	3	18	1
2012	Sep	9	4	13	9	4	11	0	0	24	0
2012	Oct	3	4	7	3	4	9	0	2	18	1
2012	Nov	12	3	15	12	3	11	0	2	28	0
2012	Dec	12	3	15	12	3	10	0	1	26	1
2013	Jan	4	1	5	4	1	4	0	1	10	0
2013	Feb	15	6	21	15	6	5	0	2	28	3
2013	Mar	5	5	10	5	5	7	0	3	20	1
2013	Apr	8	6	14	8	6	7	1	3	25	1
2013	May	11	4	15	11	4	7	1	1	24	1
2013	Jun	8	5	13	8	5	7	0	4	24	2

The earthquake activity along subareas follows previous trends. The most active sub-area (as seen in Figure 2) was the Blue Mountain Block followed by Rio Minho–Crawle River Fault and the Montpellier-Newmarket Fault. There were thirteen (13) felt earthquakes during this period with the largest local event on February 10. There were at least two aftershocks recorded in the same area on that morning; however, there were no reports of damages associated with this event. Figure 3 shows the location of earthquake events across the island.

## Earthquake Unit

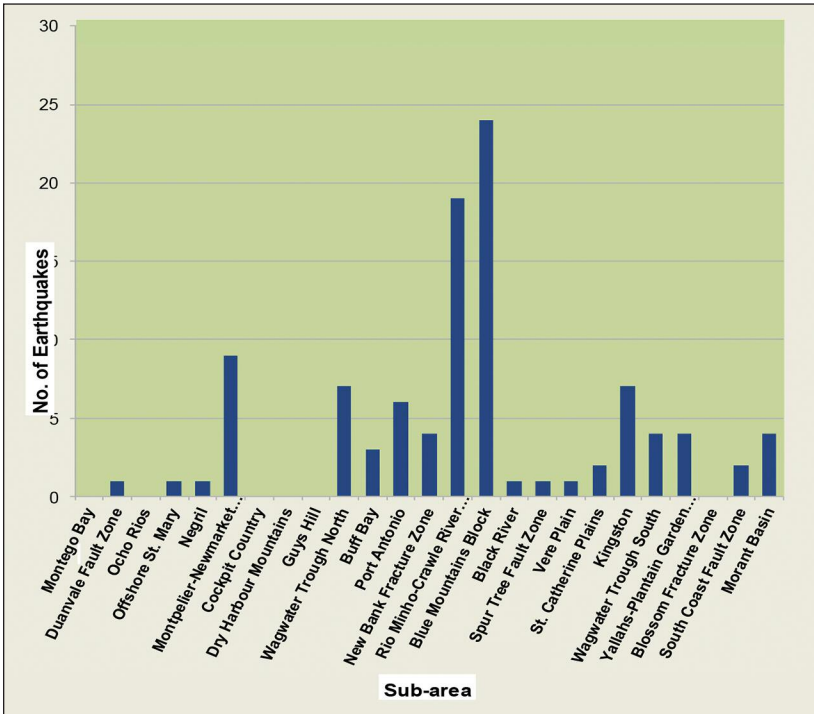


Figure 2: Seismic activities in the Jamaica local sub-areas for August 2012–July 2013.

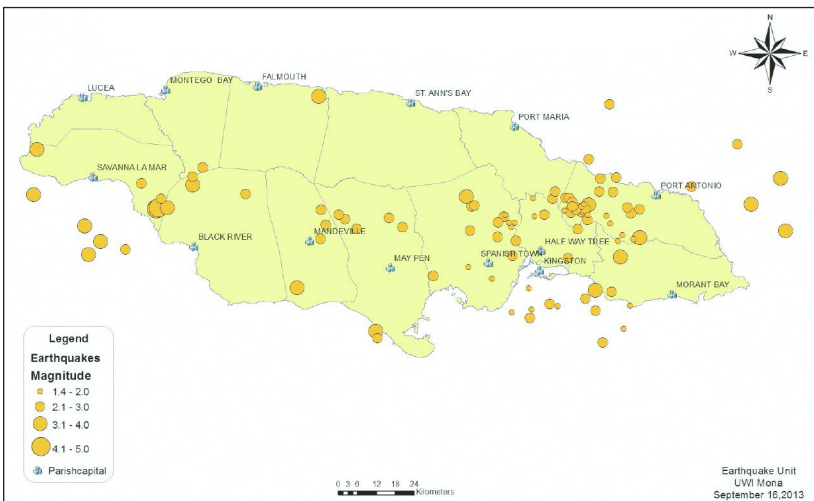


Figure 3: Seismic activity within the local region sub-areas of Jamaica during the period of August 2011–July 2012. Felt events are typically magnitudes greater than 3; bulletins for these events are provided to the media.

## **PRESENTATIONS**

### **Lyndon Brown (Research Fellow/Head)**

- Brown, L. Blake, S., Murray. D.; “Seismic vulnerability of critical facilities in Jamaica; Rapid Visual Screening of Fire Station in Kingston & St. Andrew” Jamaica Institute of Engineers Conference, Kingston, September 2012, 10 p.
- December 2012: American Geophysical Union (AGU) Annual Conference: San Francisco December 2012: “Key geophysical indicators of seismic vulnerability in Kingston, Jamaica”. December 2012.
- Cuba: ICTP activity in Santiago de Cuba: Status of Research on the Gonave Microplate. Implications for Seismic Vulnerability in the Region. December 2012.
- “Jamaica’s vulnerability to earthquakes with particular emphasis on the newly discovered fault in Kingston Harbour”. ODPEM symposium, UWI. February 2013
- Seismic Vulnerability of Kingston – latest research findings. Grace Kennedy, July 2013.

### **Paul Williams (Network Manager/Engineer)**

- Poster – “Use of Alternative Energy at EQU”. UWI Research Day: February 2012.

### **Karlene Black (Education Officer)**

- Earthquake Summary poster for 2012, Earthquake Awareness Week, ODPEM and Research Day, UWI. January 2012.
- “Towards An Earthquake And Tsunami Ready Nation”. ODPEM Earthquake Awareness Week Symposium, January 24, 2013.
- The Development Gap Health Fair: Brooks Park, Mandeville. February 2, 2013
- Manchester Local Sustainable Development Plan – 2030. The

## Earthquake Unit

Healthy Lifestyle Fair was organized in collaboration with RADA.

- National Minerals Week Expo: National Minerals Week Expo, Ministry of Science, Technology, Energy and Mining (MSTEM). June, 28–29, 2013
- “Seismic Risk in Jamaica” at the Seminar on Humanitarian Aid and Civil Protection Department of the European Community Humanitarian Office (ECHO) as part of the Disaster Preparedness European Community Humanitarian Office DIPECHO Action Plan for the Caribbean 2011–2012. Challenges & experiences in seismic risk reduction in the Caribbean, Santo Domingo, Dominican Republic. August 8–10, 2012.
- ODPEM workshop ‘Introduction to damage assessment and needs analysis visual application (DANAVISUAL)’. August 22, 2012
- HelpAge International /DIPECHO National Country Risk Management Profile (Country Document) Consultation “Helping Vulnerable Populations and Communities to Manage Risks associated with Hurricanes and Floods”. August 29, 2012.
- Haiti Meetings Re: Gem and Polytechnic University of Madrid Collaboration Project. March 11–12, 2013.
- Global Earthquake Model (GEM) and the Polytechnic University of Madrid, Spain through the Haitian collaboration of the National Environmental agency in Haiti, (ONEV).

### **Raymond Stewart: (Seismic Analyst)**

- Earthquake presentation at the Mary Seacole Hall. October 20, 2012.
- Climate change Education Expo, A GOJ/EU/UNEP Climate Change and Adaptation and Disaster Risk Reduction. April 20, 2013
- Attended ODPEM’s disaster preparedness expo in Port Maria, St Mary. June 27, 2013.

## **PUBLICATIONS**

### **Referred Journals**

- W Salazar, L **Brown.**, and G Mannette. “Probabilistic Seismic Hazard Assessment for Jamaica”. *Journal of Civil Engineering and Architecture*, (2013) Vol. 7, No. 9 (Serial No. 70), pp. 1118–1140., USA.
- W Salazar, L. **Brown.**, W Hernández, and J Guerra. “An Earthquake Catalogue for El Salvador and Neighboring Central American Countries (1528-2009) and Its Implication in the Seismic Hazard Assessment”. *Journal of Civil Engineering and Architecture*, (2013) Vol. 7, No. 8 (Serial No. 69), pp. 1018–1045, USA.
- R. Koehler, P. Mann, C. Prentice, L. Brown, B. Benford, M. Grandison-Wiggins: “Enriquillo-Plantain Garden fault zone in Jamaica: paleoseismology and seismic hazard”. *Bulletin of the Seismological Society of America* (2013) Vol. 103, No. 2A 971–983.

### **Technical Report**

- L. Brown, Seismic Microzonation of Falmouth (July 2013): ODPEM supported project.

## **TRAINING AND PERSONAL DEVELOPMENT**

### **Dr. Lyndon Brown**

- CTBTO: Surrogate Inspector Training Exercises
- Surrogate Inspectors Health and Safety Training Exercise. November 2012:
- Build Up-Exercise (Simulation) for CTBTO Exercise in Jordan 2014. May–June 2013.



## Earthquake Unit

### Ms. Karleen Black

- CTBTO, One Month Analyst Training Course. April 2013.

### Mr. Raymond Stewart

- Attended the CTBTO two weeks Regional Training Course on NDC Capacity Building in Vienna, Austria. Accessing and analysis of waveform data and International Data Centre (IDC) products. June 3 –4, 2013.

### **FUNDING EXTERNAL/CONSULTATIONS**

Local Consultation: \$J220,000

ODPEM: \$US47,549.00

### **COMMUNITY SERVICE**

The Earthquake Unit works in close collaboration with ODPEM and the Jamaica Institution of Engineers in disseminating the findings of research. The EQU also provides information/advice that is of national significance to both institutions.

## ELECTRON MICROSCOPY UNIT



Klaus W. Wolf, PhD  
Head of Unit

### WORK OF THE UNIT

Researchers on and off the Mona Campus, Graduate – Undergraduate and High School students received research results, training, exposure and understanding of scanning and transmission electron microscopy (SEM and TEM, respectively), optical microscopy (OM), macrophotography (MP) and scientific photography (SP) during the 2012/2013 academic year. The main investigations done and services provided are listed in Table 1.

Laboratory sessions were conducted in Electron Microscopy and OM in the graduate course Research Methods “C60M” from the Department of Chemistry. Dr. Wolf contributed to the graduate course Research Methods for Biologists “BL60E” from the Department of Life Sciences and the Forensic Sciences course from the Department of Basic Medical Sciences which all involved lectures and laboratories on Microscopy and Digital imaging. A lecture on Scientific Photography was delivered in

## Electron Microscopy Unit

**Table1.** Main investigations done during the 2012/2013 academic year.

Specimen	Technique	Institution
Aggregates	OM	Dept. of Physics
Bacillus thuringiensis (bacteria; 111 specimens)	OM	Basic Medical Sciences (Biochemistry)
Clay powders	OM	ICENS
Coconut beetle	OM	Coconut Industry Board
Dissecting Microscope setting up and testing	OM	Dept. of Life Sciences
Fish eggs	OM	Dept. of Life Sciences
Fish larvae	OM	Dept. of Life Sciences
Foraminifera (protists)	OM	Dept. of Geography & Geology
Fungi	OM	Dept. of Life Sciences
Insect eggs and larvae	OM, MP	Dept. of Life Sciences (2 different students)
Leaves of dry forest trees	MP	Dept. of Life Sciences
Macrofauna from Tank Bromeliads	OM	Dept. of Life Sciences
Ostracod samples	OM, SEM*	Dept. of Geography & Geology (1 student and 2 researchers)
Pig carcasses (forensic entomology)	SP	Dept. of Life Sciences
Plant callus	OM	Center of Biotechnology
Rat knee joint	OM	Basic Medical Sciences (Pharmacology)
Rock sections	OM	Dept. of Geography & Geology (17 different students)
Starch grains	OM	University of Technology
Tissue culture	OM	Basic Medical Sciences (Biochemistry)
Viruses from Beet Army Worm	OM	Dept. of Life Sciences

\* In collaboration with the University of Technology.

the undergraduate course Research Skills from the Department of Life Sciences.

### **ONGOING RESEARCH**

Gamete structure and development in insects, using various microscopic techniques.

The collaboration with Zoologists from the University of Salzburg (Austria) on *Ciliates in tank bromeliads* continues and a new collaboration on *Jamaican Onychophora* (velvet worms) has been established with Zoologists at the University of Leipzig (Germany).

### **REFEREED PUBLICATION**

- Foissner, W., Bourland, W.A., **Wolf, K.W.**, Stoeck, T. and Dunthorn, M. (2013). New SSU-rDNA sequences for eleven colpodeans (Ciliophora, Colpodea) and description of *Apocyrtolophosis* nov. gen. *European Journal of Protistology* 50(1) available at: <http://www.sciencedirect.com/science/article/pii/S0932473913000667>

## INSTITUTE OF CARIBBEAN STUDIES/REGGAE STUDIES UNIT



**Dr. Donna P. Hope**, BA *UWI*, MPhil, *UWI*,  
PhD *George Mason University*  
**Director**

### **WORK OF THE DEPARTMENT**

The key objectives of the Institute of Institute of Caribbean Studies/Reggae Studies Unit are to:

- Promote the study of Caribbean Popular and Creative Culture.
- Broaden students' knowledge and understanding of the Caribbean Region.
- Train students in the management of the Entertainment and Cultural Industries.
- Foster students' intellectual development by encouraging critical analysis and independent thought.
- Engage with the wider community through various outreach activities.

Under the guidance of a new Director for the academic year 2012/13, the ICS/Reggae Studies Unit continued its varying activities to achieve the foregoing objectives. Based on key objectives outlined in its Strategic Plan for the period, the ICS also sought to initiate and strengthen institutional linkages, expand its reach and visibility, and manage the quality of its offerings.

### **STAFF MATTERS**

**Dr. Donna P. Hope** was appointed Director for the period August 1, 2012 to July 31, 2015.

**Dr. Jalani Niaah** resigned his post as Lecturer effective July 31, 2013.

**Dr. Dennis Howard** indicated that he was unable to continue as Adjunct Lecturer in the ICS at the end of Semester 2.

**Mr. Robin Clarke** was appointed Research Assistant to assist Dr. Hope with conducting research for the Creative Industries project for which she had been awarded a Research Fellowship.

In keeping with the UWI's strategic objective of greater student centeredness, the ICS extended its opening hours two (2) days per week from 4:30–6:00 pm beginning September 2012.

### **TEACHING AND LEARNING**

The ICS collaborated on two new Minors at the start of AY 2012/13:-(i) Film Studies Minor – ICS/Literatures in English/Modern Languages; and (ii) Music Minor – ICS/Music Unit (PSCCA).

Two new Level 3 courses were developed and finalised at the Departmental level to be submitted to FAQAC during AY2013/14 as follows:- Commercialization of Modern Sports and Artist Management.

**CONFERENCES, RESEARCH AND PUBLICATION & RELATED MATTERS**

A range of activities, special events and collaborations were hosted during the academic year with the assistance of ICS faculty, staff, graduate students and external entities as follows:

- The 14th Annual Walter Rodney Lecture on Thursday, October 11, 2012 at 6:00 pm featuring a screening of Robert Lalljie’s film “Songs from Walter Rodney’s Choir” in the Neville Hall Lecture Theatre (N1).
- The 16th Annual Bob Marley Lecture, February 14, 2013 at the Undercroft, UWI by Allan “Skill” Cole, Football Icon, and Marley’s confidante/former manager titled “Bob Marley: The Man that I Know”.
- The UWI Screening of Esther Anderson & Gian Godoy’s film Bob Marley: The Making of a Legend to a capacity audience in the Neville Hall Lecture Theatre, Thursday, March 15, 2013.
- Collaboration on the launch of Dr. Dennis Howard’s book, *Ranting from Inside the Dancehall*, October 31, 2012 at the Devonshire, Devon House.
- Collaboration on the launch of Dr. Mike Alleyne’s book, *The Encyclopedia of Reggae*, Thursday, November 15, 2012 at the Undercroft, UWI.
- In association with the Jamaican Copyright Licensing Agency (JamCopy) a Seminar on “Copyright and Royalties for Literary Works”, Thursday, January 31, 2013 in the New Education Lecture Theatre.
- In association with the Office of the Principal, Professor Gordon Shirley, the ICS/RSU hosted the third International Reggae Conference, February 14–16, 2013 under the theme “Traditional and Emerging forms of Popular Music” which attracted a diverse mix of international academic/professional speakers, presenters and participants and generated significant electronic/print media attention. Individuals/entities

from the music industry were represented, including Reggae Sumfest, Sting/Supreme Promotions and Rototom Sunsplash from Europe

- The ICS initiated the Western Jamaica Campus' screening of the film, Bob Marley: *The Making of a Legend*, at the Montego Bay Campus on Tuesday, March 19, 2013.
- Collaborated with the FHE Dean's Office, the Department of Literatures in English and the Institute for Gender and Development Studies to host the screening of Marion Bethel's film *Womanish Ways* on Friday, March 22 in the Neville Hall Lecture Theatre.
- The ICS/RSU, in collaboration with the British Council and Visual and Performing Arts Jamaica, hosted a two-day Creative Industries Seminar titled "Exporting Creativity", March 25–26, 2013. The Seminar featured a range of speakers including State Ministers in the Ministry of Tourism and Entertainment, Minister Damion Crawford, in the Ministry of Foreign Affairs and Foreign Trade, Minister Arnaldo Brown, the Creative Industries Director/Film Commissioner at JAMPRO, Ms. Kim-Marie Spence, representatives from Jamaica Customs, and two UK Consultants, Neil Robinson and Ziggi Golding. Faculty members and graduate students from the ICS and UWI participated as session Facilitators. Long-standing Creative Industry Sector, newer entrants, and students from the UWI, Edna Manley College and Exed Community College attended. The Seminar was funded by the British Council.
- Ms. Nicole Plummer participated on behalf of the ICS in activities commemorating the 50th Anniversary of the Coral Gardens Incident at the Western Jamaica Campus.
- Ms. Nicole Plummer participated in a Labour Day Outside Broadcast of Nationwide 90FM Programme Talking History with Professor Shepherd and Adrian Bayley Hay at Croydon Plantation in Catadupa themed "From Taino to Tivoli: The Struggle for Justice Continues in Jamaica".
- The ICS/RSU participated in the UWI Games, May 21–30, 2013 at the UWI Bowl with a booth showcasing the work of the ICS.



Georgette McGlashen, Graduate Awardee, and Robin Clarke, Research Assistant coordinated the ICS booth.

**PAPERS PRESENTED**

- **Robin Clarke** “Street Dance and the Politics of Identity”, at the 3rd International Graduate Student Research Conference on Latin America and the Caribbean, York University, Toronto, Canada, March 11, 2013.
- **Robin Clarke** “Street Dance: A Space of Celebration” at the Excelsior Community College Research Day, April 18, 2013.
- **Julian Cresser** “Cricket and Apartheid”, at the ICS Seminar Series, Friday, September 21, 2012.
- **Julian Cresser** “Our Heroes Imagined”, at the ICS Seminar Series, Friday, October 19, 2012.
- **Julian Cresser** “Sport, Nationalism and Globalisation in the Caribbean” Research Day Lecture, Friday, February 8, 2013.
- **Julian Cresser** “Dishonourable Blacks?: The 1983 Rebel Tour” in the Department of History’s Seminar Series on Friday, April 5, 2013.
- **Donna P. Hope** “Pon di Borderline: Exploring Constructions of Jamaican Masculinity in Dancehall and Roots Theatre”, ICS Seminar Series, Friday, October 5, 2012.
- **Donna P. Hope** “Building on the Heritage of Jamaica’s Cultural/Creative Industries: Jamaica’s Music Festivals Rising from the West”. Western Jamaica Campus’ Heritage Month Series, Montego Bay, October 31, 2012.
- **Donna P. Hope** “Your Name ah Mention: A Content Analysis of Media Coverage of Popular Music Feuds in Jamaica 1970–2010” (with Dr. Livingston White of CARIMAC), at the International Reggae Conference, UWI, Mona Campus, February 14–6, 2013.

- **Donna P. Hope** Plenary Speaker on Plenary titled “Between Rage and Grace: Music, Protest and Social Change” at the International Women’s Forum Cornerstone Conference held under the theme “Music: An Instrument for Change” at the Montego Bay Convention Centre, Montego Bay, Jamaica, May 29–31, 2013.
- **Donna P. Hope** “Exploring Contested Gender Identities in Jamaican Dancehall” at the Auto/Biography Across the Americas Conference themed “Reading Beyond Geographic and Cultural Divides” at Old Sheraton Hotel, San Juan, Puerto Rico, July 22–25, 2013.
- **Nicole Plummer** “The Use of Oral Sources in Illuminating the Self Liberating Ethos of the Caribbean People: From the Baptist War to Coral Gardens”, The Caribus Lecture Series, UWI, St. Augustine, Trinidad, February 5, 6, 9, 2013
- **Nicole Plummer** “Rastafari and the Coral Gardens ‘Incident’: The Logical Continuation of the Self Liberating Ethos of the Jamaican People,” Panel Discussion: “Liberators Rising from the West: Sam Sharpe, Marcus Garvey and Rastafari” led by Professor Verene Shepherd, UWI, Western Jamaica Campus Pavilion, November 27, 2012.

## **PUBLICATIONS**

### **Books and Monographs**

- **Julian Cresser** – Cresser, J., N. Gumbs, and L. Lord. *CSEC Social Studies for the Caribbean*. Essex: Pearson Education Limited, 2013.
- **Donna P. Hope**. *International Reggae: Current and Future Trends in Jamaican Popular Music*, Kingston: Pelican Publishers, 2013.

### **Refereed Journal Articles**

- **Ray Hitchins** “Rhythm, Sound and Movement: The Guitarist as Participant/Observer in Jamaica’s Studio Culture” in *Forum for Ethnomusicology*, UK, Vol. 22, Issue 1, April 2013.

- **Donna P. Hope** “Pon di Borderline: Exploring Constructions of Jamaican Masculinity in Dancehall and Roots Theatre”, in *Journal of West Indian Literature*, November/December 2012, 20pp.
- **Donna P. Hope** “Gimme di Weed: Popular Music Constructions of Jamaican Identity” in *Revista Brasileira do Caribe*, Vol. 13, No. 26, January/June 2013.

### **Book Reviews**

- **Donna P. Hope.** A Review of *Dancehall: From Slave Ship to Ghetto* by Sonjah Stanley Niaah”, in *New West Indian Guide*, Vol. 87 Issue 1–2, 2013, pp. 195–197.

### **Non-Refereed Articles**

- **Nicole Plummer**, “Collaboration between the University of the West Indies, Western Jamaica Campus and the Rastafari Coral Gardens Committee” *UWI-WJC Magazine Outlook*.
- **Nicole Plummer**, “The Caribbean Waves of Colonisation and Control: First Wave, Pre-Columbian Arrivants,” in R. Cruse (Ed.), *Caribbean Online Atlas*.
- **Nicole Plummer**, “The Caribbean Waves of Colonisation And Control: Columbus’ Voyages and Legacy,” in R. Cruse (Ed.), *Caribbean Online Atlas*.
- **Nicole Plummer**, “The Caribbean Waves of Colonisation and Control: Opposition to Spanish Monopoly: The Unwelcomed French, English and Dutch,” in R. Cruse (Ed.), *Caribbean Online Atlas*.

### **INCOME GENERATION**

The ICS continued its income generation thrust with its 2013 summer school offerings. Six (6) courses were offered – CLTR1001, CLTR3501, CLTR2518, CLTR3507, MUSC1100 and FD11A.

**Course Registration for the Academic Year 2012/2013**

Course Code	Title	#
CLTR1001	Introduction to the Study of Culture	107
CLTR 2018	Introduction to Caribbean Folk Philosophy	20
CLTR 2501	Caribbean Cultural Studies	18
CLTR 2505	Entertainment, Media and Culture	35
CLTR 2506	Caribbean Films and their Fictions	26
CLTR 2518	The Culture of Rastafari	17
CLTR 2519	Deconstructing the Culture of Sports	18
CLTR 2524	African Religious Retentions in the Caribbean	25
CLTR 2605	Producing Culture: Music Events & Festivals	31
CLTR 2705	Music Business Management	34
CLTR 3501	Discourses in Cultural Studies	10
CLTR3505	African Diaspora Film	27
CLTR 3507	Culture, Gender and Sexuality in Jamaican Popular Music	45
CLTR 3516	Performing Culture: Dancehall as Ritual and Spectacle	27
CLTR 3518	Rastafari in the Global Context	9
CLTR3605	ECEM Internship	22
CLTR3905	Caribbean Fashion: Theory, Development & Industry	42
CLTR6000	Theory & Conceptualization of Culture	10
CLTR6010	Debates in Caribbean Cultural Identity	18
CLTR6100	Methods of Inquiry in Culture	11
CLTR6230	Caribbean Popular and Creative Culture	12
FOUN1101	Caribbean Civilization	2,690
MUSC1100	Music in World Cultures	75
MUSC2001	Popular Musics of the Caribbean	21
MUSC2200	A History of Jazz and the Blues	20
MUSC3300	Bob Marley & His Music	23

## **LOCAL AND INTERNATIONAL OUTREACH INITIATIVES**

### **SUNY-New Paltz Initiatives**

The inaugural ICS/SUNY-New Paltz Jamaica Service Learning Programme was hosted during the period June 2–23, 2013 with eight students from SUNY-New Paltz and their Academic Coordinator, Dr. La Tasha Brown. The Programme featured Lectures/Seminars, Field Trips, and a Service Learning component at the Alpha Boys Home/School.

Discussions were initiated with Bruce Sillner, Dean of the Center for International Programs & Black Studies at SUNY-New Paltz for an Adjunct Instructor post in Anglophone Caribbean Culture/Caribbean Studies for an advanced Graduate Student in the ICS in the next academic year.

### **Roots Knotty Roots (RKR) Music Archive Access**

The ICS/RSU initiated and finalized free access for the UWI, Mona Campus community to the Roots Knotty Roots music archive/online database. Roots Knotty Roots (RKR) is a comprehensive discography of over 62,000 Jamaican singles covering the years 1953–1986. The RKR's music database is now available online the UWI, Main Library Portal free to on-campus users – See <http://myspot.mona.uwi.edu/library/roots-knotty-roots-discography-jamaican-music-new-resource-0>.

### **Collaborations with Western Jamaica Campus**

The ICS collaborated with the Western Jamaica Campus (WJC) on several initiatives during 2012/2013 academic year. Dr. Hope participated in the WJC's Heritage Week activities by making a presentation. Ms. Nicole Plummer was integral in the organization and management of activities commemorating the 50th Anniversary of the Coral Gardens Incident in March and April 2013.

After meetings with Dr. Luz Longsworth, and interviews of potential Adjunct Lecturers, six (6) ICS courses will be offered at the WJC for 2013/14 as follows: Semester 1: (a) CLTR1001 – Intro to the Study of Culture; and (b) CLTR2518 – The Culture of Rastafari; Semester 2: (a)

CLTR2018 – Intro to Caribbean Folk Philosophy; (b) CLTR2501 – Caribbean Cultural Studies (c) CLTR2505 – Entertainment, Media and Culture; and (d) CLTR2705 – Music Business Management.

**Research Day 2013 Activities**

Working within the broad theme “Pathways and Opportunities for Regional Development” the ICS participated in the Research Day offerings by showcasing posters of ongoing work and the delivery of one CAPE Lecture by Dr. Julian Cresser.

**ICS SEMINAR SERIES**

Dr. Julian Cresser coordinated the ICS Seminar series with a vibrant set of presentations from Graduate Students, Faculty and visiting Researchers and Faculty as follows:-

Date	Presenter	Title/Topic
September 21, 2012	Dr. Julian Cresser	Cricket and Apartheid
October 5, 2012	Dr. Donna Hope	Borderline Masculinities
October 19, 2012	Dr. Julian Cresser	Our Heroes Imagined
November 9, 2012	Georgette McGlashen	Music and ‘Badness’
November 16, 2012	Dr. Erin MacLeod	Ethiopia From a Far
November 23, 2012	Joshua Chamberlain	Sound System Culture
November 30, 2012	Robin Clarke	Popular Culture and the Politics of Representation
February 22, 2013	Dr. Dalton Hyman	Daggerin in the Dancehall
March 8, 2013	Vivienne Pitter	Cultural Heritage Tourism
April 5, 2013	Sonia Graham	Students’ Negotiation of Spaces
April 12, 2013	Cecile Maye-Hemmings	Royal Readers and Blackness
April 19, 2013	Hugh Douse	Philosophy of Education
April 26, 2013	O’Neil Lawrence	Photography/Masculinity

## **UNDERGRADUATE STUDENT MATTERS**

The James Howard Foundation Prize for the best performance in the ECEM Programme, and the Stuart Hall Prize in Cultural Studies were awarded to Saeed Thomas and Troy Folkes respectively at the Faculty's Annual Awards Ceremony in October 2012.

In line with Strategic Plan objectives for the period, six (6) new entities were added to the ECEM internship options to add diversity to those available to ECEM Students beginning Summer 2013.

Rigorous new measures were put in place to ensure the smooth running of the ECEM Internship programme and reduce the time lag between student completion of their summer internship and final submission of grades and marksheets to the Examinations Section. An Internship Handbook was also developed and now forms a part of the Internship Package.

## **GRADUATE STUDENT MATTERS**

Two (2) students in the first cohort of the biennial MA in Cultural Studies completed all the requirements of the Programme – Robin Clarke and Karen Madden.

The new MA in Cultural Studies cohort commenced in August 2012 with eight (8) students. The ICS continues to face problematic issues with student payment of tuition fees. Measures have been put in place to reduce and/or mitigate delinquency.

The MPhil/PhD programme had a significant throughput rate for the academic year with three successful PhD vivas as follows: (a) **Brian Heap**, PhD in Cultural Studies with minor changes, on Tuesday, October 2, 2012. Titled "Process Drama: An Investigation in the Paradox of Negotiating Contexts for Meaning Learning" (b) **Winston Campbell**, PhD in Cultural Studies with minor changes, on Tuesday, December 18, 2013. Titled "Religious Structures, Sacred Spaces and the Pursuit of Aesthetic Distinctiveness: Exploring the Hierarchies of Kingston's Formal

Christian Worship Spaces” and (c) **Sylvia Hall**, PhD in Cultural Studies, with minor changes. Tuesday, May 14, 2013. Titled: “Everyday Meanings and the Female Sexual Body: A Grounded Theory Exploration of Female Sexuality in a Moral and Political Battle Space”.

Mr. Norman Pottinger, MPhil candidate, successfully finalised all the necessary requirements in August 2012 and graduated in November 2012.

Two (2) PhD students submitted during Semester 1 and several others are poised to submit.

Two MPhil students were accepted for the 2012/13 academic year. One student deferred and the other student, Joleen Tomlinson, a First Class Honours graduate of the ICS’ Entertainment and Cultural Enterprise Management degree programme, commencing her studies at the start of the 2012/13 academic year.

A strategic move was implemented to attract a renewed cohort of MPhil/PhD students, including promising graduates from the ICS/FHE/UWI. Two (2) PhD students and two MPhil students were offered places in the Cultural Studies Graduate Programme for the upcoming academic year.



INSTITUTE FOR GENDER AND  
DEVELOPMENT STUDIES, MONA  
CAMPUS UNIT



Leith Dunn, BA (Hons) MSC *UWI*, PhD *LSE*  
Head of Unit

**D**uring the 2012/2013 Academic Year, the Institute for Gender and Development Studies (IGDS) Mona Unit continued to support the UWI's Strategic Plan 2012–2017, by prioritizing three (3) main areas: Teaching and Learning, Research and Innovation and Public Service/Outreach. In Teaching and Learning the priority was maintenance of the expanded undergraduate programme in Gender and Development. The main achievements were: the graduation of the first three (3) students from the BSc in Gender and Development in November 2012; increased student registration in all undergraduate gender courses offered by the Institute averaging over 1000 for the academic year; an updated and more responsive curriculum; use of innovative strategies to develop students' critical thinking and analytical skills to create the 'ideal UWI graduate'; participation in the Quality Assurance Review of the IGDS;

and expansion of research on Gender and Economic Empowerment, Gender, Sexuality and HIV/AIDS; Gender Climate Change and Disaster Risk Management. The Mona Unit staff also supported public service and outreach, serving on several boards and committees, organizing public education events and media interviews to influence public opinion and build awareness of gender and its importance to development. Increased enrolment in gender courses and the degree programmes in 2012/2013 expanded the number of graduates who are aware of gender as a tool of analysis. More graduates are being trained to mainstream gender in development policies and programmes in response to the demand for these skills globally, regionally and nationally.

The Unit also supported the mainstreaming of gender at UWI Mona. The HOD was appointed as UWI Mona's Gender Focal Point by the Principal in August 2012 and has been supporting implementation of UWI Mona's Gender Action Plan to mainstream gender on the Mona campus. A Gender Task Force, established in the Campus Registrar's Office has led the process to appoint Gender Focal Points in faculties and departments, provide sensitisation sessions and has begun to conduct research to develop a gender profile of the staff and students at Mona which will guide areas for action to promote gender equality.

## **STUDENTS**

### **Undergraduates**

Total student enrolment in the Major in Gender and Development stood at 205 for 2012/2013, and included 58 new students. There was an increase of 13% in total registration in the BSc courses and male enrolment in gender courses (over 40%). The Unit taught 1,155 students in 2012/2013 (semesters 1, 2 and summer school 2013), and delivered 15 courses – an increase compared to 1011 in 14 courses in 2011/2012. In Semester 1, some 515 students (141 males and 374 females) completed six (6) courses. In Semester 2, some 539 students (128 males / 411 females) completed six (6) courses and in Summer School 2013, some

100 students (21 males / 79 females) registered in three (3) courses inclusive of 17 teachers registered in the BA Early Childhood Education programme from Shortwood Teachers' College.

Increased enrolment in gender courses resulted from several factors: peer referrals; improved marketing; partnerships with external stakeholders; public education, and closer collaboration with Admissions, Careers and Placement and the Office of Student Services and Development.

### **Major challenges**

While most students in the new cohort did very well, less than 5% had to be asked to withdraw at the end of the academic year because of poor academic performance. Factors included: inability to cope with the curriculum, and financial problems which impacted their ability to pay fees, access resource materials on OURVLE and attend school regularly. Several Year 2 and 3 students also had to register part-time or apply for Leave of Absence because of financial problems.

### **Student Awards**

The Unit was successful in securing BSc Gender and Development students' participation in the annual UWI Student Awards Ceremony held in April 2013. The Unit nominated BSc students for academic and leadership awards, established a trophy which was presented to Ms Denise Young who will graduate in November with first class honours having received the highest GPA. Some 10 BSc Gender students received awards for academic achievements and outstanding leadership and service.

### **Postgraduates**

The Unit's staff continued to support postgraduate teaching and research by supervising six (6) post graduate students, and serving on the advisory committee of six (6) others, enrolled in MSc and MPhil/PhD programmes coordinated by the IGDS Regional Coordinating Unit, the IGDS St

Augustine Unit, other UWI Departments and a Fulbright PhD candidate registered at the University of Rochester's School of Nursing in the USA.

## **STAFFING**

### **Human Resources**

The Unit started with five (5) full time staff positions in August 2012/2013: one Senior Lecturer/Head; two (2) full-time Lecturers (one new); a Senior Administrative Assistant, and a temporary Receptionist. The new Lecturer resigned unexpectedly in January 2013 and Part-time lecturers and tutors were recruited to deliver a revised programme. A temporary Research Assistant was appointed in February 2013 to assist the HOD with research, publications and UWI's gender mainstreaming project. The Unit continued to deal with the major challenge of balancing the expanding BSc programme, and increased demands for training workshops, guest lectures, and support to national policies and outreach programmes with an inadequate staff complement. This negatively impacted customer service, administrative efficiency, and timely delivery of research commitments, departmental reports and completion of administrative duties.

### **Staff Teaching Loads**

Full time lecturers delivered 10 hours teaching and the Head 5 hours weekly.

### **Staff Honours and Awards**

Dr. Dunn was granted study leave from June 17 to August 23, 2013 and was awarded the 2013 SALISES Visiting Research Fellowship from August 26–December 26, 2013. Ms Violet Sutherland was appointed to act for the summer and Dr Marshall was appointed Acting HOD for August 26–December 26, 2013.

## **PROGRAMMES**

### **Teaching & Learning**

Increased enrolment in the BSc in Gender and Development and the Minor in Gender and Development Studies coincided with the increasing need for gender specialists required to mainstream gender in development policies and programmes in various sectors. The students' experiences were enhanced by using diverse teaching methods which included: Guest lecturers and professionals from various institutions; and increasing student interaction with state, NGO and community agencies.

The Student Internship Programme was also expanded to enable students to use gender-related skills in the workplace and society. Short-term internships were arranged for students registered in the GEND3032 (Gender, Climate Change and Disaster Risk Management) course to facilitate the completion of course assignments. In Summer 2013, two (2) students were sent to NEPA for six weeks; two (2) were sent to PANOS and five (5) were selected to organize and deliver the annual Summer School at the Success Primary and All-Age School in Hanover.

### **Strategies to Create the Ideal UWI Graduate/Cross-Faculty Teaching:**

This involved continued delivery of the module on Gender Ethics Science and Technology in FOUN1001/FD12A and the module on Gender Issues in Health in the postgraduate programme in Family Medicine (MD62C). In 2012/2013, the module was delivered on-line to medical doctors registered with Cave Hill and Mona. As a result of the expanded interest in gender, guest lectures were delivered to undergraduates in the Department of Economics, (Gender and Economic Development); Department of Sociology Psychology and Social Work (Human Trafficking) and one guest lecture to postgraduate students in the Department of Government (Mainstreaming Gender in Trade Policies) during Semester II.

## **RESEARCH AND PUBLICATIONS**

### **Gender, Sexuality Safety and HIV/AIDS**

The Unit completed and submitted the final research report on the UWI's Health Centre's Ford Foundation- funded Sexual Safety Initiative Project (SSIP). Project objectives achieved were: increased understanding of the sexual behaviour of adolescents in four (4) high schools in Jamaica and UWI students on the three UWI campuses and awareness of their risks of HIV/STI infection and gender based violence. The study provided insight into differences in attitudes and behaviours of the diverse population of UWI students – residential, commuting; those who self-identify as LGBT (lesbian, gay, bi-sexual and transgender) as well as students with disabilities. In Phase 2, the research findings were used to develop media messages to promote sexual safety as part of an expanded UWI Sexual Safety Policy and Programme on all three campuses. In Phase 3 (2013/ 2014), interventions to improve sexual safety are planned on the three UWI campuses and in the participating Jamaican high schools. The HOD presented a paper from the research findings at the IGDS 20th Anniversary Conference in November 2013.

### **Advancing Transformational Leadership for Gender Justice Project**

The Unit completed implementation of the two-year action-research project entitled 'Advancing Transformational Leadership for Gender Justice in the Caribbean', funded by the United Nations Democracy Fund (UNDEF) and UN Women (formerly UNIFEM) to support the training programme of the Caribbean Institute for Women in Leadership (CIWIL). Results include: 79 women from six (6) Caribbean countries trained as transformational leaders, equipped to run for political and public office (some participated in a Mentorship programme); data collected on women's participation in national elections and Parliaments in the 4 pilot countries; increased public awareness on the importance of gender equality in leadership for national development from four (4) national consultations held in Belize, Jamaica, St Kitts and Nevis and St Lucia; increased partnership with UN Women, CIWIL, and women's

organisations in Belize, St Kitts and Nevis and St Lucia, the UWI's Student Leadership and Enhancement Programme and the newly formed Young Women's Leadership Initiative (Jamaican graduates). The Unit provided material for the production of audio-visual resources and coordinated an end-of-project evaluation. The report was submitted in December 2012. Data collected is being used for teaching, academic publications and advocacy/outreach. Follow-up research and activism on gender, leadership and governance has also continued through membership in the 51% Coalition promoting leadership quotas for women as a Special Temporary Measure under the CEDAW (Women's Rights Convention). The data is also being used for a publication. The Unit continued to receive several requests for research collaboration but has limited capacity to respond because of staffing shortages. Academic research and publications output could be significantly increased with a Research/Publications Officer who could coordinate research and publication projects in partnership with the Unit's staff and Research Associates. Dr Dunn was working to complete three publications to be launched during the IGDS 20th anniversary in 2013/2014: two edited Working Papers and co-editing with Professor Barbara Bailey, selected papers from the 2008 Elsa Leo-Rhynie Symposium. Dr Marshall conducted interviews with women in the UK during summer 2013 for a forthcoming publication.

## **STRATEGIC APPRAISAL**

### **Quality Assurance**

The Unit prepared a comprehensive Self-Assessment Report in preparation for the Quality Assurance Review held in February 2013. The team commended the volume and quality of the Mona Unit's work despite the limited staff complement. They also commended strategies used to enhance quality teaching, student performance and career needs such as: the acquisition of new publications; expansion of the Student Internship Programme; guest lecturers; hosting special orientation and review sessions for new, returning and completing BSc students, and using feedback from these sessions and Student Assessment Reports (SARs) to

guide programme delivery. They noted that: the SARs continued to reflect above-average teaching scores for lecturers, and students' assessment of courses and materials; and that examination results also reflected high pass rates and high grades for most students. A number of constructive recommendations were made including the need for increased academic and administrative staff, especially given the proposal to transfer the IGDS graduate programme at Mona to the Unit. Membership of the Unit's staff in several professional organizations, continued to facilitate academic and professional networking and collaboration at local, regional and international conferences, and enabled UWI/IGDS staff to contribute to Caribbean gender and feminist perspectives in contemporary development debates.

**Service to the UWI-12 Countries and Underserved Communities:**

The Unit supported the UWI's objective of *Service to UWI 12* in the following manner:

- Dr. Dunn's delivery of two guest lectures on "Media Portrayals of Violence and the Impact on the Belizean Society" at a public forum in Belize City and later at the University of Belize in Belmopan and a training workshop for media practitioners at the UWI Open Campus in Belize City, during the week of April 8, 2013. The visit was requested by the Belize Chapter of the UWI Alumnae Association, CARIMAC and the UWI Open Campus.
- Dr Dunn's continued on-line delivery of the Module on 'Gender Issues in Health' to 10 medical doctors in several Caribbean countries as previously noted.
- Dr Dunn's presentation at the second annual meeting of the Caribbean Domestic Workers' Network (CDWN) which was held in Jamaica to lobby for ratification of a new ILO Convention 189: Decent Work for Domestic Workers.
- Dr. Marshall's presentation entitled "Tertiary Level LGBT Students Overcome Challenges" , presented at Out of Many, One (Heterosexual) People? A Symposium on LGBT Identities, Citizenship and Activism,



hosted by J-FLAG, on January 31, 2013.

## PAPERS PRESENTED

### Major Conferences

- *SALISES 50:50 Conference: Critical Reflections in a Time of Uncertainty*: Dr. Dunn Chaired the Panel on Historicizing Gender and presented a paper entitled “Gender Equality and Governance in the 21st Century”. August 20–24, 2012.
- *Kwame Nkrumah International Conference*: Dr Marshall presented a paper entitled: “Pan-Africanism, Feminism and Socio-Sexual Power”, at the 2nd Kwame Nkrumah International Conference, Kwantlen Polytechnic University & Kwame Nkrumah University of Science and Technology, Kumasi, Ghana, on September 23, 2012.
- *Mico University College Education Research Conference*: Dr. Dunn presented as a member of the panel entitled: “Is it a Gender Thing?: Gender and Education” at the conference which was held at the Jamaica Conference Centre on October 5, 2012.
- *The UWI Faculty of Medical Science 21st Annual Research Conference and Workshop on the Non-Communicable Diseases – A Threat to Life and the Economy* held at the new Faculty of Medical Sciences Building on November 9, 2012. Dr. Dunn was invited to present a paper entitled: “Gender and the Non Communicable Diseases”. The article was also published in the *West Indian Medical Journal*.
- *7th Caribbean Comprehensive Disaster Management Conference*: Dr. Dunn presented a paper entitled: “Mainstreaming Gender in Climate Change and Disaster Risk Management” at this conference which was held in Montego Bay, on December 5, 2012.
- *14th Annual Conference of the UWI’s Sir Arthur Lewis Institute of Social and Economic Studies (SALISES)*: Dr. Marshall presented a paper entitled: “Rose Town: A Rosier Reality?”, on April 23, 2013 in Barbados.

## PUBLICATIONS

### Chapters in Books

- A. Marshall “Passionate realities: Students’ perceptions of sexuality at the University of the West Indies, Mona”, in *Love and Power: Caribbean Discourses on Gender* ed. by E. Barriteau: UWI Press, 2012, 381–400.
- A. Marshall, Maynard, D. “Black Female Sexuality: The Self-Defined” in *Black Genders and Sexualities*. Ed. by Mcglotten, S. and Davis, D.: Palgrave Macmillan, London, 2012, 195–201.

### Journal Articles

- Dunn, L. “Gender and the non-communicable diseases”. *West Indian Medical Journal Supplement* 61, 6 (November 7–9 2012):1–66.

### Reports

- Mullings, B. and Marshall, A. (2013). Caribbean Youth, Urban Governance and the Right to the City. Canada-Latin American and the Caribbean Exchange Grants Program. (LAGREG)
- Dunn, L. (2012). Summary Research Report: Sexual Safety in three UWI Campuses and Four Jamaican High Schools. Prepared for the Sexual Safety Initiative Project (SSIP), UWI Health Centre and Ford Foundation. (37 pages)
- Dunn, L. (2012). Report on attitudes to sexual safety among students in four Jamaican High Schools Prepared for Sexual Safety Initiative Project (SSIP). UWI Health Centre and Ford Foundation. (89 pages).

### Short Monographs

- Dunn, L. (2012). *Leadership, Gender, Poverty and Development in Hanover and Westmoreland: Report on a Participatory Action Research Project*. Kingston: Friedrich Ebert Stiftung. (40 pp).
- Dunn, L. (2012). *Situation Analysis of Household Workers in Jamaica*. Port of Spain: ILO. (42 pp).

## **INCOME GENERATION**

The Unit contributed an estimated US\$364,145.69 to the UWI in 2012/2013. This included: revenue of J\$35,242,907 (US\$345,518.69) from student fees from 178 BSc students (est.108 full time and 70 part-time) and revenue from Summer School 2013: J\$1.9m (US\$18,627).

## **PUBLIC SERVICE/ OUTREACH**

The Unit's main focus in its Outreach programme continued to be: building public awareness of gender inequalities (lectures, training, and media); mainstreaming gender in public policies to promote gender equality and service on boards and committees. For Gender Mainstreaming in Public Policy, the focus was on: Jamaica's International Migration and Development Policy (PIOJ); the Elimination of Violence against Children (PIOJ); and the Elimination of Child Labour through Education (Ministry of Labour and Social Security); and Gender and HIV/AIDS (Ministry of Health). Highlights included a well-attended public lecture under the theme 'Women's Leadership: Transforming Self, Community and Country' by US Ambassador Pamela Bridgewater on June 6, 2013 – a joint partnership with the Mona School of Business and Management and the Women's Leadership Initiative

Book launches also helped to promote public awareness and the Unit co-hosted the launch of *Love and Power: Caribbean Discourses on Gender*, edited by Professor Eudine Barriteau with the IGDS Regional Coordinating Unit and the UWI, Press, on April 29, 2013. The volume includes an article by Dr Marshall.

**The National HIV/AIDS Steering Committee on Gender and HIV in the Ministry of Health:** Ms Ann-Marie Virgo, recent BSc graduate and the Unit's Receptionist has been representing the Mona Unit at meetings of this national committee.

**National Policy for Gender Equality Gender Focal Points Network – The Bureau of Women's Affairs Way Out Project to Mainstream Gender in all Ministries Departments and Agencies.** Ms Kimberley

Carr the Unit's Temporary Research Assistant has been the main liaison with this national committee of Gender Focal Points which meets quarterly.

**Planning Institute of Jamaica** Task Forces on International Migration and Development and the Elimination of Violence against Children. Dr Dunn has represented the Unit at these Task forces-mainstreaming gender.

**The 51% Coalition for Development and Empowerment through Equity:** The Unit is a founding member of the network and coordinates the research sub-committee. The Coalition's main focus is advocacy for the adoption of quotas to advance gender equality in leadership and governance in politics and on national boards and committees.

#### **SERVICE ON BOARDS & COMMITTEES**

At the UWI **Dr. Dunn** was appointed by the Vice Chancellor to serve as a member of the Academic Board of the Open Campus since January 2013. She was also appointed by the Principal as UWI's Gender Focal Point to support implementation of Jamaica's National Policy for Gender Equality and made presentations to Academic Board Mona, submitted a draft UWI Gender Policy to the IGDS Regional Strategy meeting in June 2013 which will be further developed by IGDS colleagues; prepared a Gender Action Plan to mainstream gender at the UWI Mona campus in collaboration with the campus' Gender Task Force. This enabled the campus to be certified by the Bureau of Women's Affairs. Dr. Dunn continued to serve as a member of the Board of the Foundation for International Training (FIT) in Canada and the Shortwood Teachers' College and was appointed to the Consumer Affairs Commission in June 2012.

**Dr. Marshall** provided technical advice and support to the International Resource Network; the Caribbean Sexualities Group; the Jamaica AIDS Support for Life (JAS) and the Jamaica Forum for Lesbians, All-Sexuals and Gays (JFLAG).

## INSTITUTE FOR GENDER AND DEVELOPMENT STUDIES, REGIONAL COORDINATING UNIT



Professor Verene A. Shepherd  
University Director & Regional Coordinator

### **OVERVIEW**

The Institute for Gender and Development Studies (IGDS) is an independent, multi- and interdisciplinary Institute of the University of the West Indies and falls outside of the traditional Faculty system. The IGDS consists of a Regional Coordinating Unit (RCU), now located in the Regional Headquarters of the UWI, and three Campus-based Units, each with its own Head, located at Cave Hill, Barbados, Mona, Jamaica and St Augustine, Trinidad & Tobago. Each Campus-based Unit has a Board of Studies chaired by the Unit Head that functions like Faculty Boards. The University Director, based in the RCU, has oversight of the Campus-based Units as the RCU functions as the administrative hub of the regional Institute. A key role of the RCU is to coordinate all regional

administrative activities in collaboration with the three Campus-based Units, with inclusion of a representative of the Open Campus in all its strategic plans and policies at its annual Regional Planning and Strategy meetings.

In addition to its administrative duties, the RCU has responsibility for helping to finance the enterprise and does so through collaborative initiatives with its partners, including UNWWomen, UNFPA and CARIBSAVE. Administering the Graduate Programme at the Mona Campus is also the responsibility of the RCU as, unlike the Cave Hill and St Augustine Units, the Mona Campus Unit does not deliver post graduate level courses in Gender and Development Studies but focuses on undergraduate teaching. Individual lectures in the MCU, however, assist in teaching and supervision of a few graduate students. Over the past year, the RCU contributed to the work of the IGDS by helping in the development and defining of Caribbean gender discourses and scholarship.

Most of the energies of the RCU and the wider IGDS during the period under review were directed at planning for the 20th anniversary conference (scheduled for St. Augustine, 6–8 November 2013), preparing for the five-yearly Quality Assurance Review and facilitating the actual review, while ensuring that the RCU continued to play its usual critical role in helping to shape several of the key strategic themes and goals of the Institute itself as well as of the wider University of the West Indies, falling under the broad themes of: Teaching, Learning and Student Development; Research and Innovation, Public Service and Outreach.

The activities of the RCU were governed by the IGDS' Mission Statement, which is to; *“Produce and disseminate knowledge to transform gender relations in the Caribbean, in support of the UWI’s mission to enhance regional and international development”*.

Its Vision is to ensure that *“All UWI graduates are committed to social justice and the promotion of gender-responsive human relations and development.”* Like the wider IGDS, the RCU tried to achieve this Mission and Vision by producing and delivering interdisciplinary and multidisciplinary programmes characterized by excellence in:

- Teaching and learning guided by feminist theories and gender & development perspectives, principles and practices;
- Research and publications from a gender perspective that investigate societal issues and challenges;
- Public service, outreach and activism that transform gender relations and promote social justice; and
- Building partnerships and mobilizing resources to facilitate its work.

The rest of this Report highlights the work of the RCU of the IGDS in the critical areas mentioned in this Overview.

## **TEACHING & LEARNING**

During the academic year, the RCU offered solely or in collaboration with the Open Campus and the MCU the following Degrees in Gender and Development Studies:

- An online 18 month undergraduate diploma (offered through the Open Campus, but now under review because of low numbers)
- A Postgraduate Diploma
- An MSc (with a Research Paper or 3-month internship report)
- MPhil and PhD Degrees (in a wide range of related fields)

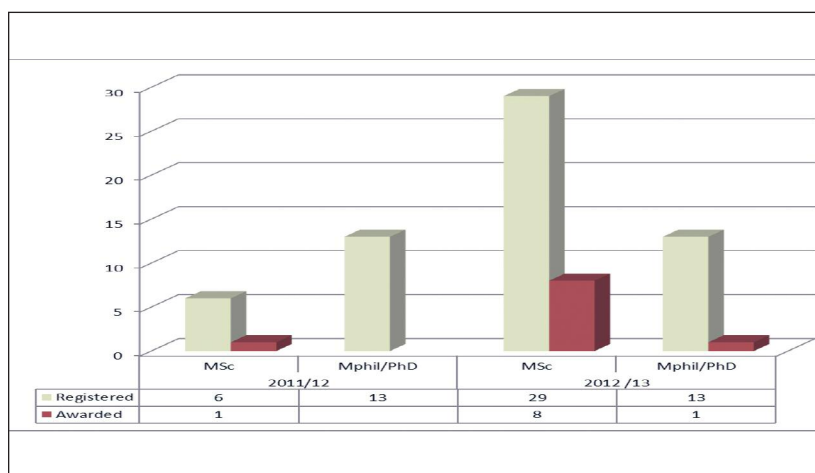
The students became increasingly interested in the Internship programme as opposed to completing a Research paper and three students, Myriam Taylor, Diane Hines and Camille Grant were placed on internships at the Peace Management Initiative, UNFPA and Women's Media Watch, respectively. The feedback from the Internship programme by both students and supervisors remains very positive with some students managing to gain employment with their organizations at the end of their tenure.

Thirteen students, at different stages of completion, were supervised in the MPhil/PhD segment of the graduate programme throughout the year under review. This is a very good number for a small Unit with three lecturers. The numbers in the taught Masters continued to increase

and eight students were awarded their MSc degrees in the graduation ceremonies in November 2012. The first PhD graduate of the Unit, Dr. Faith Innerarity, was posthumously awarded her degree. Despite being in the middle of treatment for an illness, Dr. Innerarity successfully defended her thesis on September 11, 2012. The first set of BSc. graduates in Gender and Development Studies marched at the ceremonies in November.

The RCU continued its Staff/Graduate Seminar Series in the 2012/13 academic year. Two MSc research seminars were held, one on December 6, 2012 and the other on May 2, 2013. The seminars provided an opportunity for the exchange of knowledge between the present and past graduate students. Two MPhil/PhD graduate seminars were also held during the Academic Year, one on November 15, 2012 and another on April 5, 2013. An upgrade seminar for Ms. Jacqueline Hall was held on April 18, 2013. The candidate was subsequently successful and continues her work towards the PhD.

Figure 1 provides an idea of the growth in the graduate programme from 2011 to 2013.



**Figure 1:** Registered MSc, MPhil and PhD Students for the 2011–2013 period



## **STAFFING**

The RCU has a small staff complement and some of the teaching and supervision had to be done by temporary and adjunct faculty. Supporting the teaching of these programmes were, in addition to the University Director, Dr. Dalea Bean, Dr. Annecka Marshall (of the Mona Unit), Dr. Natasha Mortley (Temporary Lecturer from January 14–July 31, 2013), Ms. Taitu Heron (who resigned effective January 2013), and Mrs. Suzanne Charles-Watson, Junior Research Fellow. Adjuncts were Dr Imani Tafari-Ama and Dr Beverley Shirley of the Open Campus.

It should be noted that there were several staff movements over the period under review. While Mrs. Charles Watson was on maternity and vacation leave, Ms. Natasha Parkins assumed duties as Acting Junior Research Fellow until she demitted office on July 3, 2013. Ms. Karen Small demitted office as the CARIBSAVE Junior Research Fellow on November 2, 2012. Ms. Nuncia Meghoo joined the staff of the Unit in the capacity of temporary researcher on February 1, 2013. She was the IGDS' focal point person on events until July 3, 2013 after which time she assumed the duties of Junior Research Fellow until the return of Mrs. Charles Watson.

Ms. Angeline Ferguson, assumed duties as Research Assistant for the period January to July 2013 and primarily assisted Dr. Bean in the management of the Graduate Programme.

Mrs. Shakira Maxwell continued to manage her portfolio as Administrative Officer, while Ms Andrea Allen, provided invaluable assistance as secretary from January 2012–April 2013 when she resigned. Ms. Kadine Marshall then joined the Unit in that position in May 2013.

Mrs. Margaret Hunter, Office Attendant who is shared with the Mona Unit of the IGDS, as well as with two others offices in the RHQ, assisted with outreach activities in addition to carrying out her core duties.

**RESEARCH**

The Regional Coordinating Unit continued to participate in regional research which affects policy making throughout the Caribbean. Below is a highlight of the major research undertaken during the period:

1. In celebration of the 20th anniversary of the IGDS, the 4 units collaborated on the creation of a 2-year calendar to illustrate the making of Caribbean feminisms. Twenty-four outstanding Caribbean women who have contributed to Caribbean development, the advancement of women, calls for social justice and have worked towards the formation of the IGDS and other important institutions in the region were highlighted in the publication. The vibrant calendar also features the staff, professors and professors emeritae of the IGDS. (See Figure 2)
2. During the review period, Dr. Dalea Bean, Ms. Nuncia Meghoo and Ms. Angeline Ferguson all assisted in the research work needed for the book currently in preparation on the history of the IGDS and

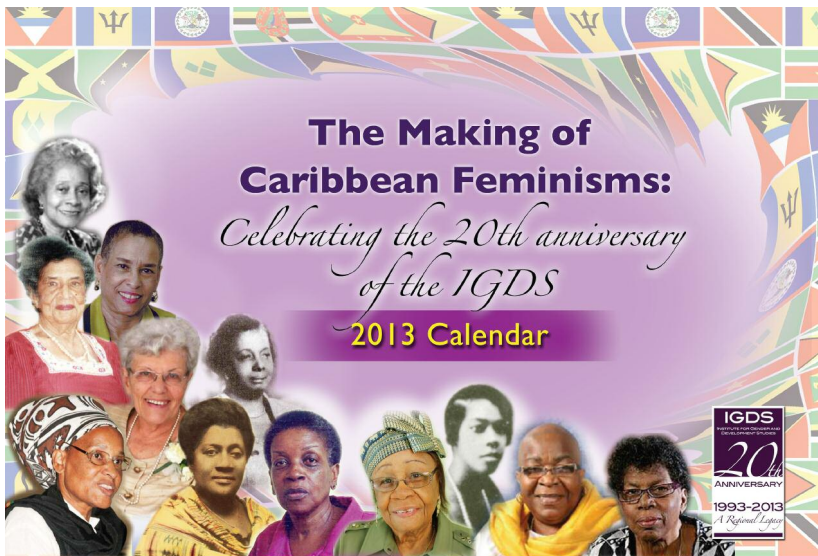


Figure 2: The cover of the IGDS 20th Anniversary calendar

being written by Professors Barbara Bailey, Elsa Leo-Rhynie and Joycelin Massiah.

3. The IGDS concluded its contribution to the CARIBSAVE Project on gender and climate change, with the acting Junior Research Fellow, Ms. Karen Small, executing several activities started by Mrs. Suzanne Charles-Watson. These included:
  - i. Conducting a desk review of national policies and plans for Jamaica with a view to evaluating them for gender considerations; and a literature review and recommendations for the enhancement of policies to include gender considerations.
  - ii. Travelling to Tobago (May 4–10, 2012), to investigate capacity building relating to livelihood activities in coastal communities. This is part of the 5 year partnership for Canada-Caribbean Community Climate Change Adaptation (ParCa) project – a partnership with the University of Waterloo funded by the Canadian International Development Research Centre (IDRC) to conduct community-based vulnerability assessments.
  - iii. Undertaking community profiles for three (3) project sites (Port Antonio, Portland; Bluefields, Westmoreland, Jamaica; Hopkins Village, Belize; Andros Island, Bahamas) as part of the Climate Change, Coastal Community Enterprises – Adaptation, Resilience and Knowledge (CCCCE-ARK) Project. The training for this project activity was completed in August 2012 along with the drafting of a knowledge and strategic communication plan for the project.
  - iv. Developing a Database for Survey Instrument to instruct data entry clerks on how to fill in the database and do coding – also as part of the Climate Change, Coastal Community Enterprises – Adaptation, Resilience and Knowledge (CCCCE-ARK) Project.
4. The Unit continued its work on the project sponsored by the Inter-American Development Bank entitled, “Adolescent Dislocation in Jamaica: Causes and Costs of Dislocation at the Secondary Level.” During the period under review, a number of activities were undertaken

including, field work in several schools across the island and the submission of social and economic background papers to the Bank. The Project, coordinated by the RCU but with associated researchers drawn from other Departments and Institutes, is scheduled to be completed in November 2013 with a dissemination workshop attended by policy-makers.

5. The documentary emanating from the project which had examined Gender & Climate Change in the Caribbean is currently being completed. Ms. Danielle Toppin, the focal point person is working to have the project completed in the shortest possible time.
6. The final activity report for the UN Women/Haiti Project undertaken by the RCU was submitted in February 2013. The regional project which had commenced in May 2011 fulfilled its objectives to build a sustainable body of gender advocates in Haiti and saw the development of academic programme formulation, curriculum content and teaching approaches in the area of Gender and Development at the Université Quisqueya.
7. The Unit hosted a joint Press Conference with UNFPA to present the findings from its history textbook review project on November 7, 2012. Drs. Rita Pemberton and Janice Mayers, researchers on the project from the Caribbean Kunuku Collective attended the conference and presented some of the important findings of the research. A follow-up workshop with select educators was also held on the same day to sensitize them to the findings of the project.

The revised manuscript in relation to the project which had undertaken a gender review of 30 Caribbean History was delivered by the publishers in June 2013. The publication highlights some of the results of the study including the fact that the tripartite of race, class and sex continues to be used as a combined prism through which to present certain groups of persons in subordinated roles. Copies of the publication have already been disseminated to CAPE markers of the history examination as well as to several stakeholders in the island.

## **OUTREACH**

The Institute hosted several public events over the period August 2012–July 2013.

In collaboration with The International Kreative Aktivism Network (IKAN), Jamaicans For Justice, The Office of the Children’s Registry (OCR), the Child Development Agency (CDA), the Jamaica Red Cross, Churches Co-operative Credit Union, The Leadership and Student Engagement Unit (UWI Mona) and Wynlee Distributors, the IGDS participated in the first annual Child’s Month creative forum entitled, “VERBALIZE to SENSITIZE: Heal Armadale, Heal the Future” from May 21–22, 2012 at the Phillip Sherlock Centre for the Creative Arts. The forum provided an opportunity for persons to participate in discussions on child rights and issues of child abuse and included a private therapeutic session for the survivors of the fire that killed seven of 23 girls at the Armadale Correctional Facility on May 22, 2009.

The RCU was one of the main sponsors for the Accompong Maroon Conference held in St. Elizabeth on October 27, 2012. The conference, under the theme, “The African in Jamaica – Safeguarding Intangible Cultural Heritage of the Maroon for Democracy, Governance and Development” was attended by over 100 persons from across the island and saw representation from all branches of the Maroon society. There was also a heavy focus on Maroon women.

The RCU made a donation of several copies of the book, *Jamaican Women on the Road to Parliament: From the Nineteenth to the Early Twentieth Century* by Evelyn Smart to all female Members of Parliament and Senators on November 6, 2012. Professor Shepherd and Mrs. Maxwell along with the author made the presentations to some of the members including the Prime Minister, the Most Hon. Portia Simpson-Miller.

The Unit officially re-launched its Homework Centre on September 3, 2012. The Centre, which has been in existence since 1994, has provided for students and staff on campus, a facility in which they can leave their

school-aged children safely supervised whilst their parents are at school or work. The reopening of the Centre was made possible because of financial assistance provided by the Office of the Vice Chancellor. The Centre also received several donations towards its refurbishment. For example, Berger Paints supplied paint for the refurbishing of the building and Mrs. Norma Wray of Mae's Catering now supplies snacks for the children on some days. Donations of books and toys have also been received from several persons. The first Board meeting for the Centre took place on February 1, 2013.

As part of the IGDS 20th Anniversary celebrations, on March 25, 2013 the RCU launched one of its flagship events, "Groundings with the Brothers & Sisters – Reasoning the Way." Groundings is the reclamation of a methodology of conscientizing, developed by Guyanese Historian Walter Rodney in the 1960s to provide critical social intervention among a population of somewhat dispossessed, but knowledge hungry urban dwellers. The programme seeks, among other things, to provide a multidisciplinary framework through which students might be grounded in cultural content for national development; and the creation of a space for frank discussions among young men and women, towards knowledge building, better gender relations and interpersonal development. This project will move from the Halls to the radio studio in the academic year 2013/14.

#### **WORKSHOPS/SEMINARS/OTHER FORA**

- On December 5, 2012, the RCU hosted a seminar on the Jamaica National Policy for Gender Equality. The seminar featured a panel discussion by Mrs. Shawna-Kay McLarty, Public Education Officer, Court Management Services (and a graduate of the IGDS), Ms. Gladys Brown, Commander Officer, CISCO and Ms. Mareeca Brown, Gender Specialist, PIOJ and was chaired by Professor V. Shepherd, who also provided the context of the seminar. Professor Barbara Bailey was a commentator on the presentations.
- In collaboration with the Human Resource Department, the RCU hosted a workshop entitled "Work Life Balance" on March 18 and

19, 2013. The workshop which was facilitated by Certified Professional Facilitator, Sandra D. Cooper targeted members of staff at the middle management level. The workshop sought to initiate a programme of training and development to help employees fulfill both employment-related as well as personal responsibilities. Funding for the workshop was made possible through the Canadian International Development Agency (CIDA) and the United Nations Fund for Women (UNWOMEN).

- In partnership with the Office of Graduate Studies and Research, the RCU hosted a breakfast forum on “Women and Leadership” delivered by Dr. Renee Escoffery-Torres on July 22, 2013. Dr. Escoffery-Torres, is the former Command Chief of Staff and Faculty for 33 Army schools on 14 installations in the United States.
- In collaboration with Ian Randle Publishers, the RCU launched *The World is a High Hill* by Erna Brodber on October 21, 2012 at the Alhambra Inn. The book, featuring a foreword by Professor Shepherd, is an important literary collection of short stories on the lives of Jamaican women.
- In partnership with the Mona Unit of the IGDS, the RCU hosted the Jamaica launch of Professor Eudine Barriteau’s book, *Love and Power: Caribbean Discourses on Gender* on April 29th, 2013. The launch was held in Lecture Room 2 at the Faculty of Law and attended by a wide cross section of persons from the UWI and the larger society including IGDS Professors Emeritae Bailey and Leo-Rhynie.
- The UWI Press and the National Commission on Reparations, Ministry of Youth and Culture, and the RCU hosted the launch of Professor Sir Hilary Beckles’ book, *Britain’s Black Debt: Reparations for Caribbean Slavery and Native Genocide* on May 2, 2013 at the Faculty of Basic Medical Sciences Teaching and Research Complex. Professor Shepherd chaired the event which featured an address by Dr. the Hon. Ralph Gonsalves, Prime Minister of St. Vincent and the Grenadines.

**ACADEMIC ACTIVITY: STAFF MEMBERS:**

In addition to carrying out their teaching and administrative responsibilities, members of staff found time to attend various academic fora at which they made presentations. A sample is highlighted below:

**Papers Presented**

**Dr. Dalea Bean**

- (with Camille Jackson), “Victims or Perpetrators?: Stories of Incarcerated Jamaican Women” Symposium: Caribbean Women in Contemporary Societies: Trends and Prospects. UNC Charlotte, USA, April 3, 2013 (15 pages)
- “The shame of the past; the same for the future?: A Historical Perspective on Sexual Violence against Women.” Forum and Panel Discussion: Sexual Violence and Domestic Abuse: A Major Barrier to women’s safety and empowerment” BWA’s International Day for the Elimination of the Violence against Women. Terra Nova Hotel, November 23, 2012. (6 pages)

**Ms. Taitu Heron**

- “‘Law or no law’: Interlocking Narratives of Subordinated Citizenship in Jamaica”, UWI SALISES 50/50 Conference – “Critical reflections in at time of uncertainty”, Kingston, Jamaica, August 20–24, 2012. (28 pages)
- Panellist, “Experiencing Africa”, Annual Reasoning, “Dispelling Myths about Africa”, b l a c k s p a c e, Woodside, St Mary. July 28–August 2, 2012. (7 pages)

**Mrs. Shakira Maxwell**

- “A Woman’s Voice: Her Perspective” Paper presented at the forum, The Abortion Conversation: Does She have a Choice?/Does He have a say? UWI Library Multifunctional Room, May 8, 2013. (8 pages)



**Professor Verene Shepherd**

- “Talking History Because of the National Library of Jamaica.” National Library of Jamaica’s “Tea, Coffee & History” morning, July 11, 2013. (9 pp)
- “The Global Financial Crisis & People of African Descent: The Collision of Economic Policies and Adjustments & Human Rights.” United Nations Seminar on The Financial Crisis and Human Rights, Vienna Austria, July 1, 2013. (7 pp)
- “Finding It in the Archives: Experiences in Archival Research.” International Archives Day, University Archives, Regional Headquarters, June 6, 2013. (4 pp)
- “The History of Jamaica: An Overview”, International Women’s Forum Annual Conference, Montego Bay, Jamaica, May 29–31, 2013. (9 pp)
- “From Text to Public Space: Monuments, Memorialization and Black Identity.” Atlantic World History, Gender and Memorialization Conference, Brown University, May 9–12, 2013. (13 pp)
- “Gender, War & Property: The Anti-Slavery Struggle in Western Jamaica: 1824 and 1831”, Argyle War Anniversary Lecture, Hanover Parish Library, March 21, 2013. (32 pp)
- “Gender & Work Life Balance”, Scotia Bank Training Centre, March 8, 2013. (13 pp)
- “Gender & Planning in Jamaica: A Retrospective Glance in the Rearview Mirror,” MIND Public Sector Leadership Workshop, Knutsford Court Hotel, March 7, 2013. (15 pp)
- “United in Anger, United in War: Gender and Anti-slavery in Caribbean History.” Commemorative Lecture in Honour of the 250th Anniversary of the 1763 Berbice Slave Revolt, February 28, 2013, Guyana. (32 pp)
- “We Glad We Come Over?” JAMALCO Black History Month Panel Discussion, Halse Hall, Clarendon, February 12, 2013. (10 pp)

- “Marronage in Jamaican History.” Black History Month Public Lecture, Optimist Club, Harbour View, February 5, 2013. (15 pp)
- “Remembering this Day in 1832.” Croydon Plantation Commemoration event, December 27, 2012. (17 pp)
- “Understanding Entrepreneurship.” Excelsior Community College Graduation Ceremony, November 29, 2012. (15 pp)
- “Sam Sharpe and other Lights Shining from the West: Lessons for Today.” Western Jamaica Campus, Montego Bay, Jamaica, November 27, 2012. (11 pp)
- “Nanny and the Tradition of Women’s Resistance in Jamaica: Protecting Agency as a Part of our Intangible Heritage.” Maroon Conference, St. Elizabeth, Jamaica, October 27, 2012. (23 pp)
- “Recalling the Trail of Tears and Blood: Voices from the 1831/32 Emancipation War led by Samuel Sharpe in Jamaica.” Sam Sharpe on the Praxis of Religion: Revolt, Resistance and the Re-Ordering of Society Conference, UWI/Mona, Kingston, October 12–14, 2012. (26 pp)
- “Righting the Wrongs of 1865: Sites of Memory and Decolonization”, 11th Morant Bay Annual Paul Bogle Lecture, October 11, 2012. (20 pp)
- “A Nation on a Mission: Our Heritage, Our Foundation.” Floral Tribute to the Ancestors, sponsored by the St. Catherine Parish Council and the JCDC, October 10, 2012, Spanish Town, St. Catherine, Jamaica. (8 pp)
- “Ignoring History: Challenges of Citizenship and Identity in an Independent Nation.” Presented at the Jamaica High Commission in the United Kingdom, London, UK, October 2, 2012. (18 pp)
- “Recognition, Justice and Development: A Diamond Agenda in a Golden Year.” Plenary address presented at the SALISES 50/50 Conference – “Critical reflections in at time of uncertainty”, August 20–24, 2012, Kingston, Jamaica. (28 pp)

## **PUBLICATIONS**

### **Books & Monographs**

- **Verene Shepherd**, Ahmed Reid, Cavell Francis & Kameika Murphy *Jamaica and the Debate over Reparation for Slavery* (Kingston: Pelican, 2013) (244 pp)
- **Taitu Heron** and **Shakira Maxwell**, editors, Special Issue of *Social and Economic Studies*, Vol. 61, No. 3, September 2012.

### **Refereed Articles & Book Chapters:**

- **Taitu Heron** and Yanique Hume, “Stepping Out: Peter Tosh and Afro-Caribbean Existence”, *Caribbean Quarterly*, December 2012.
- **Shakira Maxwell**, “Fighting a Losing Battle? Defending Women’s Reproductive Rights in Jamaica” Special Issue of *Social and Economic Studies*, Vol. 61, No. 3, September 2012, edited by Taitu Heron and Shakira Maxwell.
- **Verene Shepherd**, “Constructing Visibility: Indian Women in the Jamaican Segment of the Indian Diaspora” *Man In India* Vol. 92, No. 2, April – June 2012.

### **Non-Refereed**

- **Dalea Bean** and Andrew Spencer (2013), *Between Glass Ceilings and Sticky Floors: Female Employees in the Hotel Industry in Jamaica*. Lambert Academic Publishing.

## **INCOME GENERATION**

- MSc Self Financing Programme – JM\$ 1.5M

## **PUBLIC SERVICE**

### **Taitu Heron**

- Board Member/Volunteer Workshop Facilitator, Women’s Media Watch Jamaica
- Member/Regional Coordinator, Development Alternatives of Women for a New era (DAWN) Caribbean Chapter.
- Member, Research & Data Management Committee, Early Childhood Commission
- Member, b l a c k s p a c e Collective
- Member, Violence Prevention Alliance
- Member/Coordinator, Working Group on Women’s Reproductive Health and Rights. DAWN Caribbean. Kingston, Jamaica.

### **Shakira Maxwell**

- Member, Development Alternatives with Women For a New Era (DAWN) Caribbean. Kingston
- Member, Jamaica Women’s Political Caucus
- Member, Working Group on Women’s Reproductive Health and Rights. DAWN Caribbean. Kingston, Jamaica.

### **Natasha Mortley**

- Member, Global Development Network
- Member, Jamaica Diaspora Connect

### **Verene Shepherd**

- Chair, United Nation’s Working Group of Experts on People of African Descent (WGPAD)
- Member, Public Service Commission (PSC) (Jamaica)
- Member, Jamaica Chapter, International Women’s Forum
- Chair, National Commission on Reparation (Jamaica)

- Editorial Board, *Caribbean Quarterly*, *Jamaica Journal*, *Journal of Caribbean History*, *Slavery and Abolition*, *Atlantic Studies*
- Host of “Talking History” on Nationwide 90FM.

## **CONCLUSION**

Despite the challenges of finances and human resources, the RCU has managed to increase its student intake, improve its throughput rate and participate in public service and outreach. Its forging of local links and its attention to its mandate of regional reach attracted more partners and has gained for it and the overall IGDS the title of a best practice Institute in terms of helping to forge regionality. The results of the recent QAR will do doubt dictate the actions for the next academic year as the Unit seeks to improve its work, visibility and relevance to all its partners.

## INTERNATIONAL CENTRE FOR ENVIRONMENTAL AND NUCLEAR SCIENCES (ICENS)



**Richard Annells, BSc, PhD *St. Andrews*, FIMMM, CEng**  
**Director General**

**T**here were no staff changes during the year. The International Centre For Environmental and Nuclear Sciences (ICENS) continued its science and technology projects in line with the guidelines set out by the ICENS Board of Directors and the Ministry of Science, Technology, Energy and Mining.

### **PROFICIENCY TESTING**

The ICENS Neutron Activation Laboratory reached the topmost level of performance, recognised as ‘consolidated state of the practice’ in the latest round of the IAEA-sponsored Wageningen Evaluating Programs for Analytical Laboratories (WEPAL) proficiency testing programme. Neutron Activation Analysis, Energy Dispersive X-Ray Fluorescence and

Total Reflection X-Ray Fluorescence techniques were used in this round of proficiency testing which involved 'blind' analysis of soil and plant samples provided by WEPAL.

#### **WORK OF THE DEPARTMENT**

Using geochemical data for two main purposes: 1) to trace environmental transfer of trace elements from soils to people; and 2) to explore for minerals.

ICENS research continued to focus on the abundances and transfers of inorganic trace elements in the chain **bedrock ► soil ► food ► humans**. Over 50 elements were routinely determined, using NAA, EDXRF, TXRF, ICP-OES, AAS and ion chromatography, the technique used depending on the type of sample medium analysed.

After making a gap analysis to define priorities for paired sampling of soils and the food crops harvested from them, the island geochemical survey was extended over a more detailed scale 2 x 2 km<sup>2</sup> sampling grid to the parishes of Westmoreland, St Ann and Trelawny. Totals of 91 soil samples and 138 crop samples were collected. The analytical results will be used to measure element abundances as part of the ongoing environmental monitoring of rocks, soils, pastures, agricultural products, foodstuffs and medical samples. Work continued on improving the understanding of cadmium distribution in Jamaican soils and ICENS renewed collaboration with specialist geochemical laboratories in Canada and the UK in order to update interpretations.

The geochemical data obtained from rock and soil samples were also used to trace the spatial distribution of anomalies and alteration haloes likely to help detect mineral occurrences associated with Cretaceous volcanic rocks and related intrusions. Copper sulphides and gold occur naturally in the Cretaceous volcanics of the oldest geological units in Jamaica and some copper, gold, lead and zinc in the Palaeogene volcanics and their lateral extensions in the Blue Mountains. The exact 'anatomy' of the mineralised structures still remains to be mapped in detail in this

terrain of difficult access. Gold may be much less abundant than copper in Jamaica but both metals continue to be in demand worldwide in spite of the recent fall in the gold price to US\$1,200 per ounce.

The unreliability of some items of ICENS laboratory equipment, such as the graphite furnace-atomic absorption spectroscope and flame atomic absorption spectroscope, both of which are now over 17 years old and almost unusable, continued to slow down ICENS operations. Both items need to be replaced as their manufacturers have discontinued the provision of maintenance and spare parts. The liquid nitrogen plant which supports the day to day gamma spectrography work of the NAA laboratory was repaired and recommissioned with grant assistance from the IAEA, which also donated a new thermoluminescence dosimetry system to ICENS to replace the existing old and unreliable instrument. Declining budgetary support from the GOJ made it impossible to replace key utility items such as field vehicles and ICENS continued to look for other sources of funding. Approaches to the local private sector for financial contributions to replace equipment were ignored.

### **TRACE ELEMENT SPECIATION IN SOILS**

Geochemical research focused on the speciation of cadmium in Jamaican agricultural soils, i.e. its distribution pathways in a particular sample or material type. Effects such as the microstructural changes on the microbial organic matter loading capacity of clay minerals in soils (e.g. montmorillonite) were studied.

New collaboration began with Japanese and Chinese scientists and a number of soil samples were shipped to them for Cd isotope ratio analysis which is currently not possible in Jamaica.

ICENS developed passive water samplers in-house from basic materials and deployed them in the Rio Cobre in order to make *in situ* determinations of trace metal associations with dissolved organic matter as a means for chemical profiling of the river water.



## **DESK STUDIES/REVIEWS**

Work began on a new review of the impact of cadmium on crops, animals and human systems. Geochemical analysis of foodstuffs: a Jamaican national database on the chemistry of foodstuffs.

Analytical work during 2012–2013 continued to concentrate on vegetables, fruit, grains and fish and ICENS tested numerous samples of Jamaican foods such as callaloo, sweet potato, cocoa and ackee for calcium, potassium, magnesium, sodium, phosphorus, aluminium, boron, cadmium, cobalt, chromium, copper, iron, manganese, molybdenum, nickel, lead, strontium, and zinc. ICENS continued to search for new ways to grow export-quality yams low in potentially toxic elements.

Compilation of a Jamaican national database of food compositions continued, using the data for Jamaican farmed and processed foodstuffs with the ultimate aim of providing:

- Food composition tables setting out major and trace element contents to support nutrition and diet prescriptions and regulations as to elemental contents.
- Better understanding of how food plants and animals take up elements from soil, as a means to guide land use planning.
- Indications of the effects of elemental interactions on plant uptakes.
- Ways to ensure food quality and compliance with relevant international food standards.

The database, which ICENS used to carry out the gap analysis mentioned above, is structured into sections on root vegetables, leafy vegetables, grains, fruits, seafood and processed or packaged foods and contains results of an estimated 1,100 analyses for up to 35 inorganic elements. It will eventually be made available for online reference by researchers through the ICENS web site.

## **THE CHEMISTRY OF HUMAN TISSUES**

The elemental content of human tissues is important for the preservation of good health. As samples of such tissues are scarce and difficult to obtain, ICENS work concentrated on blood, urine and placenta samples. ICENS continued to develop background information on the trace element concentrations in human tissue in order to allow comparisons between healthy and diseased persons. Using Total Reflection X-ray Fluorescence analysis (TXRF) a pilot survey of 100 blood samples was made to determine the concentrations of phosphorus, sulphur, iron, copper, zinc, selenium and rubidium in blood samples collected from blood donors and confirmed the potential value of the programme and the suitability of the chosen analytical methods. The results suggested new lines for research, such as possible zinc deficiencies in some members of the population.

A commonly examined element ratio is the copper/zinc ratio which helps to detect susceptibility to illnesses such as cancers and coronary heart diseases (CHD). In many cancer cases the Cu/Zn ratios are higher than in healthy people while for CHD the Cu/Zn ratios are lower than in healthy people. The implications of such relationships are not well understood but ICENS continued its research in this field because of the potential value of the work.

## **LEAD IN THE HUMAN POPULATION**

ICENS began new collaboration with the UWI Department of Chemistry to find ways to mitigate the toxic effects of lead in the human environment, concentrating on areas in St Andrew and St Catherine. It is important to monitor the distribution of lead in the urban environment because increasing evidence from studies in the USA and Australia indicates that children with untreated lead poisoning may be at risk of developing brain disorders that can cause criminal traits in later life. During 2013 US researchers recommended that even the maximum permissible blood levels for lead in adults should be reduced in the light of new evidence.

## **SOIL CONSERVATION AND CLIMATE CHANGE**

ICENS drew up plans to relaunch the ARCAL Project RLA/5/051 “Using Environmental (Fallout) Radionuclides as Indicators of Land Degradation in Latin American, Caribbean and Antarctic Ecosystems” approved through the International Atomic Energy Agency (IAEA) with new partners from MoAF (RPPD) with the aim of constructing a shared project database and website to allow participants and beneficiaries unrestricted open access to all the information, plus an online decision support system. The project has 14 participant countries in the Caribbean and Latin America.

## **RARE EARTH ELEMENTS**

ICENS continued to analyse for eleven rare earth elements (REE) in all soil samples collected and began a study of the provenance of the REE present in Jamaican bauxites and other rocks. It also proposed to funding agencies a new project to stimulate a small-scale Jamaican industry for recovering and exporting REE-bearing components separated from end-of-life electronic items such as mobile phones, computers and television sets. It is now widely recognised that such waste items are richer, more accessible and easier to refine than many naturally occurring REE ores: as already proven in Brazil, Mexico and Taiwan, their export could be profitable at SME scale.

## **DATA SHARING**

Data sharing has been a priority activity of ICENS since 1984 because ready access to existing information held by most Jamaican S&T institutions continues to be hard to achieve. Acquiring samples and data is expensive and the Centre can provide the continuous and objective curation that is critical for sustaining the integrity of the important national endowment of data and information resources. The advanced indexing of the ICENS EShare data repository system allows the retrieval,

re-examination and re-interpretation of georeferenced samples and data collected over 30 years ago, so that they can be analysed using new techniques if necessary in-house or by other research laboratories.

ICENS continued to add value to primary field and laboratory data by transforming them into information and knowledge products suitable for providing decision makers with GIS-based spatial visualisations and predictions based on terrain models to inform realistic options for shaping national strategies and actions. Jamaican institutions can share georeferenced digital data and information online through the ICENS EShare system: users include:

- Office of the Prime Minister (Environmental Management Division);
- Ministry of Agriculture (Rural Physical Planning Division (RPPD));
- University of the West Indies (Faculty of Pure and Applied Sciences and Department of Geography and Geology).

During the year, ICENS became the Jamaican node of the Caribbean Knowledge and Learning Network (CKLN) linked to the C@ribNET broadband backbone which links the Caribbean to the global community of research and education networks (RENS) through Internet 2 in the USA, Géant in Europe and RedCLARA in Latin America.

In February ICENS launched in Kingston the OAS-funded 2008–2013 project ‘Institutional Strengthening for Promoting Best Practices in Science and Technology for the Caribbean States’. The final product was a core platform with a Digital Repository Database System set up on three identical servers in Jamaica (ICENS), Barbados (NCST/Ministry of Health) and Trinidad and Tobago (NIHERST) as the initial phase of a wider Caribbean-wide system for sharing digital information on science and technology.

ICENS revised and restructured its web site during the year and started construction of an online viewer system for displaying selected island-wide geochemical maps for use by any enquirer.

## **NUCLEAR POWER**

ICENS knowledge of nuclear energy continues to be relevant in analysis of the Jamaican energy situation. Nuclear power is a huge global industry supplying 16% of world electricity demand, with some countries (e.g. France) obtaining 80% of their power from nuclear sources. In 2012 the World Nuclear Organisation reported that a total of 548 new power plants is under construction, on order, planned or proposed worldwide. While shale oil derived from fracking is becoming competitive in countries such as the United States, it is not available in Jamaica and nuclear power continues to compete with coal in price. The price gap in favour for nuclear power is likely to increase over time with regulatory pressures to reduce emissions of carbon dioxide.

Nuclear power has less environmental impact than fossil fuels and, although 'up front' plant and fuel costs are high, users gain long term benefit from uranium fuel that provides decades of use with no risk of short-term fluctuations in market price. As a fuel uranium is also 100,000 times more powerful than oil: 1 kg of uranium produces 400,000 kWh while 1 kg of oil produces only 4 kWh. Until recently the size and costs of nuclear power reactors made nuclear energy impractical for smaller countries but a new generation of safe, small, high efficiency reactors (10–125 MWe) that can be factory manufactured as transportable modules exists as prototypes and could be available within ten years. Their use in Jamaica deserves closer examination. In this connection ICENS takes part in local and regional IAEA initiatives to support the rational considerations of nuclear energy in the region.

During the year ICENS progressed the documentation contract work required by the US DOE to comply with conditions for the reactor core replacement. It also drafted a country specific Integrated Nuclear Security Support Plan (INSSP) for use by the new Jamaican radiation safety oversight committee within the Bureau of Standards Jamaica (BSJ) as an integral part of discussions between the IAEA Office of Nuclear Security and stakeholders of the Radiation Safety Authority newly projected for Jamaica.

## **NEW PROJECTS**

### **Open system architecture for Neutron Activation Analysis (OpenNAA)**

ICENS began a 4 year coordinated research programme (CRP) with the IAEA to develop a modern architectural framework specification (OpenNAA), and reference implementation for Neutron Activation Analysis (NAA). The research aims to develop a modern open system architecture for NAA, that provides the required set of functionalities, and specifies a mechanism for the various hardware/software and software/software interactions among: data acquisition systems; specialised hardware such as sample changers and sample loaders; data analysis modules that perform peak search, area determination and identification; nuclide library management; peak energy and shape calibration; efficiency calibration; quantification; data I/O for storage and retrieval; and QA/QC functions.

OpenNAA will maximise interoperability among hardware and software within the NAA application space, safeguarding these investments, and ensuring that all system components either purchased commercially or developed in-house will work together ‘out of the box’, at minimal cost.

### **Mineral exploration**

As part of the new National Minerals Plan planned by the Ministry of Science, Technology, Energy and Mining, ICENS continued collaboration with Mines and Geology Division, UWI Geography and Geology Department and UWI Marine Geology Department to compile a new geological map of Jamaica with a separate overlay of mineral occurrence data. Both compilations were designed for online reference by potential international investors in the country’s mineral industry.

### **Import substitution and new materials**

With Mines and Geology Division, a search began for natural and industrially generated pozzolans in Jamaica. A pozzolan is a mineral material that contains silica and alumina which when moist reacts with calcium hydroxide to develop cement-like properties. Such materials can

be used in cost effective road construction and repairs, trench filling and other civil engineering applications. ICENS submitted to funding agencies a proof of concept project designed to demonstrate their suitability in Jamaica.

During the year ICENS planned two other research projects for developing new materials from Jamaican agricultural and industrial wastes in order to substitute imports and create new local job opportunities for Jamaican SMEs and small urban or rural communities. One project aims to develop environmentally friendly materials for packaging and food containers from banana plant waste as a means of substituting polystyrene which harms the Jamaican environment and is produced from expensive petroleum imports. The other project, already mentioned above, plans to devise a methodology to enable local SMEs or community groups to carry out the initial concentration of REE-bearing components from end-of-life electronic waste goods (e-waste) in order to make an exportable 'urban ore' material.

**Public understanding of science and transfer of technology from ICENS to the wider community**

Jamaica shows little realisation that science can work to solve day to day societal problems, possibly because most of the essential household products, consumer goods or technologies it uses, however basic or low-tech they may be, are imported readymade. ICENS strives to do research that is useful and relevant to the practical needs and protection of Jamaicans and which also demonstrates the important contribution that science can make to building a safe, prosperous future. All countries with successful economies accept that R&D is a key capital investment in their future wealth and wellbeing and many have boosted their investment in R&D in order to power out of the financial recession.

Modest research projects such as those proposed by ICENS are designed to apply science to initiate useful locally-based SME or community scale enterprises in order to create new jobs and income and to substitute imports in order to bring ordinary Jamaicans more benefits in the long run than foreign-funded megaprojects or services. Events such as UWI

Research Days could do more to attract potential sponsor groups such as business and political leaders, diplomats, funding agencies, international and local NGOs, investors, or research collaborators from the medical and scientific communities. ICENS already receives many visits each year from sixth form and tertiary students, some of whom will enter the next generation of career scientists. However, Jamaica needs to make a realistic road map and needs study in order to define a critical path and resources for future science teaching in schools and the induction of young Jamaicans into careers in chemistry, physics, mathematics and engineering.

### PAPERS PRESENTED

- **Johann M.R. Antoine, Leslie A. Hoo Fung, Charles N. Grant** (Poster Presentation) “The contribution of rice to dietary mercury exposure in Jamaica.” ICMGP – The 11th International Conference on Mercury as a Global Pollutant. Edinburgh, Scotland. July 28–August 2, 2013.
- **Hanson, R.E., Grant, C.N., Hoo Fung, L., Rattray, R., Spence, A.** Cadmium speciation in Jamaican soils. “Clean energy through Chemistry” – The 44th IUPAC World Chemistry Congress and 47th IUPAC General Assembly. Istanbul, Turkey. August 11–16, 2013.
- **Preston J.A.** “The status of HEU to LEU core conversion activities at the Jamaica SLOWPOKE”. Canadian Nuclear Society and IAEA 2nd Technical Meeting on Small Reactors, Ottawa, Canada. November 7–9, 2012.
- **Adrian Spence, Claion Robinson** (*Oral Presentation*) Spectro-chemical analysis of the speciation of cadmium on montmorillonite in the presence of soil microbial biomass. 2013 International Symposium on Environmental Science and Technology (2013 ISEST)., Dalian Province, China. June 4–7, 2013.
- **Warner, Tracey-Ann.** “Assessing Lead (Pb) Contamination of Urban Soils in Kingston, Jamaica Using a GIS-based Approach. Conference



Proceedings Urban and Regional Information Systems Association (URISA) Caribbean GIS Conference, Montego Bay Jamaica, November 12–16, 2012.

## **PUBLICATIONS**

### **Referreed Journals**

- Grant C.N., H.T. Dennis, J.M.R.Antoine, L.A. Hoo Fung and G.C. Lalor. “Agglomerative hierarchical clustering analysis of twenty-six rice samples analysed by INAA, TXRF, ICP-OES and FAAS” *Journal of Radioanalytical and Nuclear Chemistry*, 2012 DOI: 10.1007/s10967-012-2379-5.
- Leslie A. Hoo Fung, Johann M.R. Antoine, Charles N. Grant, Dayne St. A. Buddo. “Evaluation of dietary exposure to minerals, trace elements and heavy metals from the muscle tissue of the lionfish *Pterois volitans*.” (Linnaeus 1758). *Food and Chemical Toxicology* 60 (2013) 205–212.
- Preston J. “A Software Architectural Framework Specification for Neutron Activation Analysis.” *Journal of Radioanalytical and Nuclear Chemistry* (DOI: 10.1007/s10967-012-2346-1).
- Spence A., R.E. Hanson, T. Johnson, C. Robinson, R.N. Annells. 2013. “(Bio)chemical characteristics of organic matter in a guano concretion of Late Miocene or 1 Pliocene age from Manchester Parish in Jamaica.” *Analytical Chemistry Insights* 8, 51–52.
- Spence, A., Robinson, C. 2013. “Spectro-chemical analysis of the speciation of cadmium on montmorillonite in the presence of soil microbial biomass.” *Procedia Environmental Sciences* 18, 114–126.

### **Technical Reports**

- C.N. Grant, J. Preston, C. Chilian, G. Kennedy. “SLOWPOKE-II Refuelling – Past Experience and New Challenges.” Transaction of RRFM, St. Petersburg, Russia 2013.

- Preston J. “The status of HEU to LEU core conversion activities at the Jamaica SLOWPOKE”, Atomic Energy of Canada Limited (AECL) *Nuclear Review*, Vol. 1, No. 2, December 2012, p. 51–55.

## **INCOME GENERATION**

ICENS received a grant of US\$50,000 from the Organisation of American States (OAS) to complete the final Phase 3 of the project ‘Institutional Strengthening for Promoting Best Practices in Science and Technology for the Caribbean States.’

## **PUBLIC SERVICE**

### **Dr Richard Annells**

- Fellow, The Institute of Materials, Minerals and Mining, London.
- Chartered Engineer, The Engineering Council, London.
- Member, Coordinating Council, COMSATS (Commission on Science and Technology for Sustainable Development in the South).
- Member, Geological Society of Jamaica.

### **Mr Johann Antoine**

- Chairman, National Mirror Committee on ISO Standard TC 93, technical committee on starch (bi-products and derivatives)
- Member, Codex committee on Methods of Analysis and Sampling

### **Mr Charles Grant**

- ARCAL National Coordinator (Jamaica), and member of the ARCAL Technical Coordination Board (OCTA) which oversees all ARCAL Projects.
- Member, Ministry of Energy Committee on Nuclear Energy as an option for Jamaica.
- Member, NEPA/UNDP Committee for renewable wave energy technologies for the generation of electric power in small coastal Communities in Jamaica.

- National Coordinator for Incident Reporting system for Research Reactors.
- National Coordinator, IAEA Radiation Safety Information Management System; (RASIMS).

**Ms Leslie Hoo Fung**

- Chairperson, National Food Standards Committee (ISO TC34 Mirror Committee), Jamaica Bureau of Standards.
- Member, Royal Society of Chemistry, London
- Member, Codex Committee on Methods of Analysis and Sampling.
- ISO/IEC 17025 Assessor, Jamaica National Agency for Accreditation.

**Mrs Sandra Hunter**

- Fellow of Institute of Chartered Accountants of Jamaica.

**Mr. John Preston**

- Member, Land Information Council of Jamaica
- Independent Member, GOJ Telecommunications Appeals Tribunal.

**Dr Adrian Spence**

- Associate Member, Royal Society of Chemistry
- Member, American Chemical Society
- Member, American Society of Mass Spectroscopy
- Member, United Way Jamaica
- Director, Archer Daniels Midland Jamaica Flour Mills Foundation

**Mrs. Joan Thomas**

- Member, Inner Wheel Club of Kingston.

**Ms Tracey-Ann Warner**

- ISO/IEC 17025 Assessor, Jamaica National Agency for Accreditation.

## SIR ARTHUR LEWIS INSTITUTE OF SOCIAL AND ECONOMIC STUDIES



**Brian Meeks, BSc, MSc, PhD**  
**Director**

### **OVERVIEW**

The 2012/2013 academic year began on a high note with the staging of the thirteenth annual SALISES conference, this year dedicated to the fiftieth anniversary of independence in the Commonwealth Caribbean, *Fifty-Fifty: Critical Reflections in a Time of Uncertainty*. The Fifty-Fifty-conference, held from August 20–24, featured over three hundred participants, organised in 67 panels and addressed wide-ranging themes including Caribbean integration, labour markets, knowledge and education, politics, the state and constitutional reform, social protection, gender reform, environment and vulnerability, the University of the West Indies, crime, agricultural development, the state of youth and many others. Special plenary speakers included Jamaican Prime Minister Portia Simpson Miller, Leader of the Opposition Andrew Holness and Minister

of Finance Peter Phillips, Prime Minister of St Vincent and the Grenadines Ralph Gonsalves, United Kingdom Member of Parliament Diane Abbott, Governor of the Eastern Caribbean Central Bank Dwight Venner, Chancellor of the UWI George Alleyne, Professors Emeritus of the UWI Norman Girvan and Selwyn Ryan and UWI Professor Verene Shepherd. The Conference was the culmination of a series of thirty two events staged over the previous two years that included a Prime Ministerial Reflections series featuring former Jamaican Prime Ministers and a similar event in Trinidad and Tobago, a major conference on Law and Justice in the Caribbean with guest speaker Prime Minister Kenny Anthony of St Lucia as well as international events co-sponsored with fraternal institutions in London, Florida, Havana and the Cayman Islands.

One of the immediate outcomes of the Fifty-Fifty project was the initiation and consolidation of a cluster system for research in the Institute. In order to carry out the wide-ranging series of seminars associated with the project, some seventeen clusters were established to bring together interdisciplinary groups of scholars and practitioners from within the UWI, the region and beyond, in order to meet, plan and execute a research agenda around designated thematic areas. Six of these have to date been retained as SALISES clusters around which research will be organised in the future, including:

1. Sustainable Rural and Agricultural Development
2. Caribbean Integration
3. Grenada
4. Youth
5. Social Policy
6. Political economy and Public Policy

Planning and arrangements for the new MSc in Development Studies were completed and the Institute prepared for the first entrants to the programme in the 2013/14 Academic Year. The new MSc is offered over one year for full time students and features a wide range of electives from

across the University. It fulfils two mandates from the 2010 Quality Assurance Review, which suggested that SALISES should play to its strengths as an Interdisciplinary institute, rather than try to replicate disciplinary based degrees and that SALISES should focus on its advantages in research. The final stage in the implementation of the Quality Assurance suggestions will be the review of the MPhil/PhD programme which is planned to take place in the 2013/14 academic year.

The Annual Child research conference, led by Dr Aldrie Henry-Lee and held for seven consecutive years, continued as an important feature of the SALISES calendar. This year the theme was “Political Independence and Child Rights” in keeping with the Fifty-fifty theme.

Two grants were secured for the production of films: Patricia Northover received a grant from the Ministry of Agriculture and Fisheries (MOAF), for producing an audio-visual series addressing the history of the sugar industry up to present and highlighting its future prospects ‘Raising Cane: Recycling Sweetness and Power in Modern Jamaica’ and Brian Meeks was given one of twenty grants from the Jamaica Legacy committee to commemorate Fifty Years of Independence to make a film based on the Fifty-Fifty theme.

The Graduate Scholars programme, initiated in 2011/12 continues, with the latest recipient for 2012/13 being Ms Shamair Henry, an MPhil/PhD candidate currently working on the ‘Deportee’ question.

The Visiting Fellows Programme, a competitive scheme that allows Faculty members from outside SALISES to spend a semester here in order to complete research and writing projects also continued, with Dr Leith Dunn from the Mona Institute for Gender and Development Studies gaining the fellowship for 2013/14.

#### **STAFF MOVEMENTS**

- **Mr. Richard Leach** was recently awarded the Master of Science degree in Management Information Systems from the UWI.

- **Drs. Aldrie Henry-Lee and Philip Osei** returned from sabbatical leave at the end of the academic year.
- **Mrs. Marsha Grey-Lewis** is pursuing a part-time Master of Science degree in Sociology here at the University.

**STUDENT MATTERS:**

**Graduating Class of 2011/2012**

The academic year 2011–2012 ended with twenty-one (21) students being awarded the MSc degrees. The breakdown was as follows:

**Table 1.** MSc Graduating Class 2011/2012 by Programme and Gender

	<b>Governance and Public Policy</b>	<b>Economic Development Policy</b>	<b>Social Policy</b>	<b>Total</b>
No. of Students by programme	12 (M= 5; F= 7)	4 (M= 0; F=4)	5 (M=2; F= 3)	21 (M=7; F=14)
Full-Time	1 (M=0; F= 1)	1 (M=0; F=1)	1 (M= 0; F=1)	3 ( M=0; F= 3)
Part-Time	11 (M=5; F= 6)	3 (M= 0; F= 3)	4 (M= 2; F=2)	18 (M=7; F=11)

**In summary:**

MSc Governance and Public Policy: 12  
MSc Economic Development Policy: 4  
MSc Social Policy: 5

**MSc Students (2013/2014)**

Seventeen (17) students accepted the offer and registered for the 2012/2013 academic year, with fifteen (15) being part-time students and two (2) being full-time students. The breakdown was as follows:

**Table 2.** Registration for New MSc Students (August-September): 2012/2013 by programme and gender

	MSc. Development Studies	Total
No. of Students by Programme	(M=5; F=12)	17
Full/Time	(M=1; F=1)	2
Part/Time	(M=4; F=11)	15

**Returning MSc Cohort 2012/2013**

**Table 3.** Registration for Returning MSc Students 2012/2013 by programme and gender

	Governance and Public Policy	Economic Development Policy	Social Policy	Total
No. of Students by programme	5 (M= 0; F= 5)	3 (M= 2; F=1)	5 (M=3; F= 2)	13
Full-Time	0 (M=0; F= 0)	0 (M=0; F=0)	1 (M= 1; F=0)	1
Part-Time	5 (M=0; F= 5)	3 (M= 2; F= 1)	4 (M= 3; F=2)	12

A total of thirty-two (32) returning MPhil/PhD students were registered for the academic year 2012/2013. The breakdown was as follows:



**Table 4.** Returning Cohorts – MPhil/PhD Registrations, 2012/2013 programme and gender

	Governance and Public Policy	Economic Development Policy	Social Policy	Total
No. of Students by programme	10 (M= 5; F= 5)	11 (M= 7; F=4)	11 (M=2; F= 9)	32
Full-Time	0 (M=0; F= 0)	1 (M=1; F=0)	1 (M= 0; F=1)	2
Part-Time	10 (M=5; F= 5)	10 (M= 6; F= 4)	10 (M= 2; F=8)	30

#### **RESEARCH PAPER (SALI 6060) FOR 2013**

There are thirteen (13) students currently writing the Research Paper. The breakdown is as follows:

Governance and Public Policy:	5
Economic Development Policy:	3
Social Policy:	5

**Table 5.** Net Income from SALISES Degree Programmes, 2012/2013

Net Income	J\$
MSc, MPhil, PhD	3,611,387.11 (July, 2013)

#### **DOCUMENTATION CENTRE**

The SALISES Documentation Centre (DC) continued to deliver invaluable information and library service to graduate students at the University and more specifically to those in the Social Sciences. Other local and overseas researchers also utilised the facilities, especially visiting

lecturers, research fellows and graduate school students from the United States and United Kingdom.

The DC continued to work with the Main Library to increase access to online databases while at the same time acquiring relevant print documents including government documents, both local and overseas, UN reports and those of international agencies, work produced by SALISES fellows and other staff members of the Faculty including conference papers.

Readings for the SALISES Graduate Programme, the Human Resource Development Programme (HRD), and the departments within the Faculty were processed and made available for both semesters.

Some of the key activities during the period included:

- Integration of the DC collections into the Main Library's ALEPH database. The process began in June 2013 with an assessment of the collection and continued in July 2013 with staff training and data entry. Staff received training in the use of the software to undertake both copy and original cataloguing of materials in different formats, adding barcodes and creating holdings of item records.
- Displays included: Recent Staff Publications and activities related to the Fifty-Fifty Research Project.
- SALISES participated in 'Mona Research Days' which was held from February 7–8, 2013. The DC staff with assistance from Dr. Gilbert-Roberts coordinated this activity and members of the academic and other SALISES staff helped with the manning of the booth. The display included a retrospective look at the Fifty-Fifty Research Project, the work coming out of some of the research clusters, students and staff research and publications, and interviews with Fellows on their areas of research interest.
- The DC continued collecting and archiving all memorabilia, including pictures, videos and clippings, of all Fifty-Fifty activities and the major Fifty-Fifty Conference in August 2012.
- A re-organisation of the collections continued over the period to allow more accessibility to some of the heavily used collections. Some

sections of the collections were weeded and shifted to create space and improve visibility and accessibility. The annual shelf reading of the main collections began in the summer period and is expected to be completed in the new academic year.

- One student from the Department of Library and Information Studies, Asha Moncrieffe, completed her six weeks field work at the DC, during the period July to early August 2013.

## PUBLICATIONS SECTION

Sales Report (August 1, 2012–July 31, 2013)

	US\$	JA\$
SES Subs	4,885.00	
SES royalties	7,207.83	
JAMCOPY royalties		290,627.25
Walk-in sales (SES)		42,200.00
Walk-in sales (Special Books)	34.00	54,230.00
<b>Total</b>	<b>US\$12,126.83</b>	<b>JA\$387,057.25</b>

## SOCIAL AND ECONOMIC STUDIES (SES)

### Off press

- Volume 61: 2, June 2012 – *5050 Special Issue on Law and Justice in the Commonwealth Caribbean*
- Volume 61: 3, September 2012 Special Issue on *Women's Reproductive Health and Rights in select Caribbean countries*, guest edited by Taitu Heron and Shakira Maxwell

- Volume 61: 4, December 2012 General issue
- Volume 62: 1 and 2, March/June 2013 General issue

## **DEREK GORDON DATA BANK**

### **Data Documentation**

Documentation was finalised on most of the datasets which can be viewed on the SALISES website

### **Software**

Web page maintenance

- SALISES website
- 50-50 conference website
- Caribbean Child Research Conference website
- Regional Integration website
- Law and Justice Website
- SALISES blog
- SALISES Facebook
- Caribbean Child Research Conference Facebook

### **Hardware**

- Computer repair and maintenance
- Conduct Inventory on old computers

### **Technical Support to Researchers and Students**

- Provided technical advice to postgraduate students
- Prepared tabulations, charts, etc. for teaching and research purposes

- Prepared of datasets for students and other researchers
- Supervised 2 MSc and 1 MPhil/PhD students.
- Provided technical assistance to staff members

### **SEMINARS AND CONFERENCES**

- Preparation, including creating, formatting and printing, of all documentation (programme, posters, labels, etc) for seminars and conferences e.g. 50-50 conference, Caribbean Child Health Conference, Regional integration conference.
- Compilation and editing of abstracts for the major 50-50 conference.
- Managed the IT services for all seminars and conferences held during the year
- Managed Health group for 50-50 conference
- Provided management support at conferences

### **PAPERS PRESENTED**

#### **Fox, Helen**

- Attended Expert group meeting to explore and promote wider use of the results of the 2010 Population and Housing Census at ECLAC in Port of Spain and presented 2 papers: “The use of census data for national development planning: Focus on the 2010 Population and Housing Census” and ‘Best practices and recommendations for use of census data’.

#### **Gilbert-Roberts, Terri-Ann**

- “Caribbean Youthscapes and the Regional Governance Debate”. Caribbean Studies Association (CSA) 38th Annual Conference, Grande Anse, Grenada, June 2013.

- “Breaking the Silence: Challenging Youth Voicelessness in the Development Dialogue”. SALISES 14th Annual Conference, Barbados, April 22–24, 2013.
- “Professionalising Youth Work in the Commonwealth Caribbean through Higher Education”. Commonwealth Conference on the Education and Training of Youth Workers (CCETYW), University of South Africa, Pretoria, March 18–20, 2013.
- “CARICOM 50-50: Popularising Sovereignty through Youth-Adult Partnerships”, SALISES 50/50 Conference under the theme “Critical Reflections in a Time of Uncertainty”, Kingston, Jamaica, August 22, 2012

**Henry Lee, Aldrie**

- “Childhood and Child Policy in Jamaica since Independence” SALISES 50/50 Conference, August 2012.
- “Child Rights in the British Virgin Islands” Caribbean Child Research Conference, November 2012.
- ‘Child Rights in the Caribbean: Policies and Actions’ CSA Conference 2013.
- ‘Caribbean Children in the 21st century: Challenges and Opportunities’ SALISES Conference (Barbados) April 2013.

**Lewis, Patsy**

- ‘Navigating Crisis in a Small State: Mt. Moritz Case Study’. SALISES’ 14th Annual Conference, Towards a New Development Paradigm for the Caribbean: The Next 50 years. Divi Southwinds Beach Resort, Christ Church, Barbados, April 22 to 24, 2013.
- Jessica Byron and Patsy Lewis ‘Responses to the Sovereignty/Vulnerability/Development Dilemmas: Small Territories and Regional Organizations in the Caribbean’. UNESCO and Universite des Antilles et de la Guyane (UAG) Colloquium, Martinique, ‘La place des entites infra etatiques dans les organisations de cooperation et d’integratoins regionals.’ UAG, Martinique, March 24–28.

- ‘Foreign Policy and Economic Development in Small States: A Case Study of Grenada’. VI International Conference, “Cuba and the Caribbean: 40 years of relations”. Caribbean Studies Department, University of Havana, December 4–7, 2012.
- ‘Jamaica: The Past 50 Years Lessons Learnt and the Way Forward’. Symposium on Jamaica’s Involvement in Foreign Trade, 1962–2012. Forging the link between trade and development. Knutsford Court Hotel, 14–15 November, 2012.
- ‘How Viable are Small Island States? Sovereignty revisited in the context of the post-independence experience: A Grenada Case Study’. SALISES 50/50 Conference, Critical Reflections in a Time of Uncertainty. Jamaica Pegasus, Kingston, August 20–24, 2012.
- ‘Whither Caribbean integration? Recasting the foundations of a new integration project’. SALISES 50/50 Conference, ‘Critical Reflections in a Time of Uncertainty’. Jamaica Pegasus, Kingston, August 20–24, 2012.

**Meeks, Brian**

- “Reflecting on Fifty-Fifty: Prospects for Independence and National Development in Jamaica and the Caribbean for the Next Half Century”, Universidad de la Habana, VI Conferencia Internacional “Cuba y el Caribe: 40 anos de Relaciones”, Habana Cuba, 5–7 December.
- “Looking at the Future of the Relations between Cuba and the Caribbean”, participant in round table discussion, Universidad de la Habana, VI Conferencia Internacional, “Cuba y el Caribe: 40 anos de Relaciones”, Habana Cuba, 5–7 December.
- “A Way Forward for Jamaica” Keynote address at the 38th Triennial Synod of the Anglican Church in the Province of the West Indies, Montego Bay, November 10.
- Guest discussant for the launch of the B World Connection film “Jamaïque, 50 Ans d’Independence, “Une Nation en Mission”,

Universite des Antilles et de la Guyane, Guadeloupe, October 19, 2012.

- “Retrospective on Revolution: Grenada 1979–1983” on the panel “Conflict and the Independence Experience: Unresolved Issues”, Fifty-Fifty: Critical Reflections in a Time of Uncertainty, SALISES Thirteenth Annual Conference, Kingston, August 20–24, 2012.
- “The Regionality Report: Reflecting on Changes in UWI’s Regional Character” on the panel “The Evolution of UWI Since Independence”, Fifty-Fifty: Critical Reflections in a Time of Uncertainty, SALISES Thirteenth Annual Conference, Kingston, August 20–24, 2012.

**Northover, Patricia**

- Northover, P. and C. Taylor (2012), “The changing nature of Jamaica’s rural spaces: Towards a rethinking of rural development strategies in the Post Independence Era, Power point/ 34 slides. 50/50, SALISES Jubilee Conference, “Critical Reflections in a Time of Uncertainty,” Kingston, Jamaica, Aug 20–24, 2012.

**Paul, Annie**

- “Borderline and Marginal: Gender and Gender Bending in the Postcolonial Caribbean”, 31st Annual West Indian Literature Conference “Imagined Nations, 50 Years Later: Reflections on Independence and Federation in the Caribbean”, Caribbean Literary and Cultural Studies at the University of Miami, Coral Gables, FL, USA. October 12, 2012.
- “Recharting Art Import/Export Routes in India: The Kochi-Muziris Biennale”, presented on the panel Subaltern Rising: Racialization and Visual Culture in the Wake of Independence, organized by the Association for Critical Race Art History, College Art Association (CAA’s) 101st Annual Conference, The Hilton, New York. February 15, 2013.
- “Economic Growth in Post-Independence Jamaica”, presentation to 50-50 Conference, August 21, 2012



**Tindigarukayo, Jimmy**

- Outcome Evaluation of the Caribbean HIV/AIDS Regional Training (CHART) Network, presented at the Sir Arthur Lewis Institute of Social and Economic Studies (SALISES) 14th Annual Conference at Divi Southwinds Beach Resorts, Barbados, April 22–24, 2013.
- Historical Development of the Housing Sector in Jamaica Since 1962, presented at the SALISES 13th Annual Conference at the Jamaica Pegasus Hotel, Kingston, August 20–24, 2012.

**Witter, Michael**

- R. Pulwarty, L. Nurse and M. Witter, “Mainstreaming Climate Change into Development Planning in the Caribbean”, prepared for IDB Regional Policy Dialogue, Dominican Republic, September 20–21, 2012.
- “The Music Subsector in Jamaica in 2012”, presentation to the Reggae Studies Conference, February 14, 2013.
- Participation and brief presentation to Youth Forum, United Theological College, March 1, 2013.

**PUBLICATIONS**

**Books**

**Gilbert-Roberts, Terri-Ann**

- *The Politics of Integration: Caribbean Sovereignty Revisited*, Kingston: Ian Randle Publishers, February 2013.

**Refereed Journal Articles**

**Henry-Lee, Aldrie**

- “A Child’s Right to Education in Jamaica: A preliminary Examination”. by Aldrie Henry-Lee in *Caribbean Dialogue*, SALISES, St. Augustine, volume 16, 2011.

**Newman, Nadine**

- Second Career Librarians: Teachers Transitioning to Librarianship, *Library Review*, Vol. 61, No. 6, 2012, (co-author, Claudett Lambert)

**Northover, Patricia**

- Crichlow, M, Northover, P. and Jenson, D (2012) “Caribbean Entanglements in a Time of Crises”, *Global South*, Spring 2012 (6: 1) 1–14.
- “Abject Blackness, Hauntologies of Development and the Demand for Authenticity: A Critique of Sen’s ‘Development as Freedom’”, *Global South*, Spring 2012 (6:1): 66–86.
- “Globalization and Climate Change: Confronting the Caribbean’s ‘Double Exposure’” *Small States Digest*, (4) 4–10. 2012.

**Tindigarukayo, Jimmy**

- Impact Assessment of Health and Family Life Education in Jamaica”, *International Journal of Business and Social Research*, Vol. 3, No 1, (January 2013), pp. 98–107.
- “Clients’ Level of Satisfaction with Public Service Provision in Jamaica”, *International Journal of Humanities and Social Sciences*, Vol. 2, No. 15 (August 2012), pp. 20–31.

**Refereed Book Chapters**

**Lewis, Patsy**

- “‘A Scuffling of Islands’ or a Nation?’ in Aaron Kamugisha (ed.), *Caribbean Political Thought: Theories of the Post-Colonial State*. Kingston: Ian Randle Publishers. 2013, pp. 363–373.
- ‘Foreign Policy and Economic Development in Small States: A Case Study of Grenada’. In Rupert Lewis (ed.), *Caribbean Political Activism: Essays in Honour of Richard Hart*. 2012. Centre for Caribbean Thought Caribbean Reasonings series. Ian Randle Publishers: Kingston, pp. 254–289.

**Meeks, Brian**

- “The Political Moment in Jamaica: The Dimensions of Hegemonic Dissolution” (previously published 1996) in Aaron Kamugisha (ed.) *Caribbean Political Thought: Theories of the Post-Colonial State*, Ian Randle Publishers, Kingston and Miami, 2013, pp. 81–97.
- “Jamaica on the Cusp of Fifty: Whither Nationalism and Sovereignty?” in Linden Lewis (ed.) *Caribbean Sovereignty, Development and Democracy in an Age of Globalization*, Routledge, London and New York, 2012, pp. 228–244.

**Non-Refereed Articles**

**Meeks, Brian**

- “Reminiscing in Black, Gold and Green”, *SX Salon*, issue 11, “The Fiction of Independence”, <http://smallaxe.net/wordpress3/discussions/2013/02/11> February 2013.

**Osei, Philip**

- “Collaboration in Local Service delivery in Ghana: *Open Windows, delayed service and dissatisfied clients in the Tema Metropolis*”. Paper presented to the staff of the Ghana Institute of Management and Public Administration. Greenhill, Achimota, Accra. 21 February, 2013.

**Paul, Annie**

- “Usain Bolt’s Sly Bravado Is a Source of Jamaican Pride”. *Newsweek International*, August 9, 2012.
- “India Debuts Kochi-Muziris Biennale”. *Newsweek International*, December 24, 2012.
- “Looking for “Decolonial Love” in Postcolonial Jamaica”. *SX Salon* 12: A Small Axe Literary Platform. 2013. (<http://smallaxe.net/wordpress3/reviews/2013/05/27/looking-for-decolonial-love-in-postcolonial-jamaica/>)

**Tindigarukayo, Jimmy**

- “The years 50 Next: Make homeownership affordable”, *Jamaica Gleaner*, Friday January 11, 2013.

**Technical Reports**

**Gilbert-Roberts, Terri-Ann**

- Henry, Lee, A., **Gilbert-Roberts**, T. and Reece, J. “Evaluation of Early Childhood Institutions”. Report prepared for Jamaica Social Investment Fund (JSIF), June, 2013, c. 216 pages.
- **Gilbert-Roberts**, T., Henry-Lee, A., Lewis, P., Ricketts, H., Thompson, K., and Meeks, B. (2013, May). “Reducing Inequalities for a Better Jamaica: Report on Post 2015 Consultations in Jamaica”. Prepared for the United Nations in Jamaica, May, 2013, c. 70 pages plus appendices.

**Tindigarukayo, Jimmy**

- A Report on, “Evaluation of the Caribbean HIV/AIDS Regional Training (CHART) Network”, 32 pp. January 3013; prepared for Caribbean HIV/AIDS Regional Training (CHART) Network Coordinating Unit, University of the West Indies.

**Witter, Michael**

- “The Music Sub-Sector of the Jamaican Economy in 2012”, prepared for the Mona School of Business and Management”, December, 2012.
- “Jamaica: Achievements since Barbados, 1994, and new Challenges for Samoa, 2014 – Synthesis Document for the SIDS National Preparatory Process”, prepared for the Government of Jamaica and the UNDP, June 2013.

### **Edited Volumes**

#### **Northover, Patricia**

- Crichlow, M, Jenson, D and Northover, P “States of Freedom/Freedom” editors of the *Special Issue of Global South*, Spring, 2012.
- “Globalization and Climate Change: Confronting the Caribbean’s Double exposure”, editor of special issues of *Small States Digest*, volume 4: 2012 and volume 2: 2013.

### **AWARDS & SCHOLARSHIPS**

#### **Newman, Nadine**

- OAS-eCornell Scholarship to undertake certificate course, Change Leadership, January 2, 2013 – April 9, 2013
- ACRL Virtual Conference Scholarship 2013, to attend the ACRL Virtual Conference;
- Imagine, Innovate, Inspire, held in Indianapolis, Indiana, April 10–13, 2013.

### **PUBLIC SERVICE**

#### **Fox, Kristin**

- Member, Steering Committee, Jamaica Survey of Living Conditions
- Member, Early Childhood Commission, Research Committee

#### **Henry-Lee, Aldrie**

- Coordinator, JSIF, Early Childhood Development Project
- Researcher, UNDP, MDGs Beyond 2015
- Reviewer, *Mico Journal of Education*

**Lewis, Patsy**

- Member, UHWI’s Hospital Board
- Member, UHWI Strategic Planning Committee
- Member, UHWI Nursing Advisory Committee
- Member, UHWI, Human Special Resources Advisory Committee
- Member, UHWI, Board of Trustees, UHWI superannuation scheme
- Member, American International School (AISK) Endowment Committee
- Member, Advisory Committee to the Jamaica Trade Board

**Meeks, Brian**

- Member, Government of Jamaica’s Legacy Committee
- Member, Board of Directors, Planning Institute of Jamaica (PIOJ).
- Member, International Advisory Board of the European Review of Latin American and Caribbean Studies/Revista Europea de Estudios Latinoamericanos y del Caribe (ERLACS)
- Member, Project Steering Group “Westminster in the Caribbean”, Collaboration with the Institute of the Americas, University College London.

**Newman, Nadine**

- Member, Library and Information Association of Jamaica (LIAJA)
- Member, Research and Publications Working Party, LIAJA
- Member, Socio-Economic Information Network (SECIN)
- Member, American Library Association (ALA)
- Member, Association of College and Research Libraries (ACRL)
- Member, Association of Caribbean Higher Education Administrators (ACHEA)
- Class Representative, Grades 2-3 and 5-3, St. Peter and Paul Preparatory School
- Assistant Secretary, Chancery Hall Citizen Association

**Northover, Patricia**

- Member, Excelsior High School Student welfare/ LHS scholarship fund
- Associate Editor, Cultural Dynamics: Insurgent Scholarship on Culture, Politics and Power: <http://cdy.sagepub.com/>

**Paul, Annie**

- Adviser, 2013 Prince Claus Fund Awards
- Adviser, 2013 Musgrave Medals, Institute of Jamaica
- Juror, 2012 Jamaica Biennial, National Gallery of Jamaica
- Cultural Fund Committee, JAMCOPY

**Tindigarukayo, Jimmy**

- Member, Committee on Data Sharing and Pricing Policy, Public Sector Reform Unit, Cabinet Office, Government of Jamaica.

**White, Thelma**

- Chair, Advocacy, Library and Information Organization (LIAJA)
- Sunday School Superintendent, Braeton New Testament Church

**Witter, Michael**

- Member, Oversight Committee, Forest Conservation Fund
- Member, Advisory Group to the Caribbean Community Climate Change Centre
- Member, Council of the Institute of Jamaica
- Member, Canari's Caribbean Green Economy Action Learning Group.

## **GRANTS**

### **Meeks, Brian**

- Government of Jamaica/CHASE Foundation grant to produce a film “Fifty-Fifty: Critical reflections in a Time of Uncertainty”. One of twenty projects to commemorate the fiftieth anniversary of Jamaican Independence. February, 2013.

### **Northover, Patricia**

- Ministry of Agriculture and Fisheries (MOAF), two year grant agreement, valued at approximately J\$27 million, for producing an audio-visual series addressing the history of the sugar industry up to the present and highlighting its future prospects. November 2012.



## THE BIOTECHNOLOGY CENTRE



Dr. Marcia Roye, BSc., PhD., *UWI*,  
Acting Head of Department

### WORK OF THE CENTRE

During 2012 to 2013, the Biotechnology Centre continued its work focused on agricultural research involving medicinal plants, forestry preservation and molecular virology of begomoviruses and virus associated with citrus, potato, cucurbits and other crops. Research was also conducted investigating the glycemic indices of Jamaican foods, including studies on root and tuber crops. The Centre's academic staff members were all involved in teaching undergraduate courses within the Departments of Basic Medical Sciences and the Department of Life Sciences. They were also involved in outreach programmes, and participated in public lectures and seminars, as well as university activities such as the Annual Research Day held February 7–8, 2013. An integral part of their duties also involved the training and supervision of postgraduates conducting research at the Biotechnology Centre.

The 10th Annual workshop on “Concepts in Genetic Engineering” for Cape and A level biology high school students in Jamaica was held December 17–19, 2012. Dr. Marcia Roye, with the assistance of the Centre’s staff and postgraduates, hosted the Workshop where over seventy students from a range of high schools across the country were trained in recombinant DNA technology, biotechnology and related areas. In order to accommodate students who could not participate in the December programme, a one-day workshop on Genetic Engineering, which was developed from the Concepts in Genetic Engineering Workshop, was hosted on January 15, 2013. This particular workshop was organized for the Wolmer’s Boys 6th form class and involved 6 hours of laboratory sessions including DNA extraction, restriction analysis and agarose gel electrophoresis of digested DNA.

The second Undergraduate Symposium was hosted on January 18th, 2013, to allow undergraduates the opportunity to interact with recent graduates of the Biotechnology Centre and the Biochemistry Section of the Department of Basic Medical Sciences and to discuss local and international opportunities and challenges in the work environment, as well as difficulties encountered in pursuing graduate studies. Approximately 50 undergraduates from levels 2 and 3 attended the symposium workshop from the Biochemistry Section of the Department of Basic Medical Sciences. The Symposium was organised by Dr. Marcia Roye and Darshan Young.

A number of postgraduates, as well as the Head of Department and her research assistant attended the Northern Caribbean University Research and Technology Symposium: Vehicle to Economic Independence and Sustainability, held March 12, 2013. Dr. Roye was their keynote speaker and shared her experience of 20 years of geminivirus research and its importance to farmers in the region.

**PAPERS PRESENTED**

- Graham A.P., Martin D.P., Roye M.E. (2013). Genomic recombination and phylogeny of two begomoviruses infecting *Malvastrum americanum* in Jamaica” BIT’s 4th Annual World DNA and Genome Day Conference, Nanjing, China. April 25–27, p 197.
- Hamilton, C-L., Ramkissoon, A., Amarakoon I. I., Eyzaguirre, L. M., Figueroa, P., Pierre, R. B., Duncan, J, Carr, J. K, Roye, M. E. (2013). “HIV drug resistance in Jamaican adults and children”. Northern Caribbean University Research and Technology Symposium: Vehicle to Economic Independence and Sustainability. Mandeville, Manchester, March 12.
- Mitchell S.A. (2013). “Ethnomedicinal opportunities for human health from Jamaican-grown tropical herbs: Anti-cancer Guinea Hen Weed (*Petiveria alliacea*), bitter herbs, root tonics, nutraceuticals, spices, and cold bushes”. In Vitro Biology Meeting. Abstract A-15, In Vitro Cellular and Development Biology, Abstract Edition 49: S10. Providence, Rhode Island, USA, June 15–19.
- Mitchell S.A. (2013). “Phase Change: a source of recalcitrance for the initiation of Yellow Yam (*Dioscorea cayenensis*) and Yampie (*Dioscorea trifida*), two non-woody monocotyledenous tropical vines”. In Vitro Biology Meeting. Abstract P-7, In Vitro Cellular and Development Biology, Abstract Edition 49: S15. Providence, Rhode Island, USA, June 15–19.
- Mitchell S.A. (2013). “The biodiversity of the Caribbean is a rich source of health and wealth that can be sustainably developed to benefit both donor and receiver nations”. Abstract A-13, In Vitro Cellular and Development Biology, Abstract Edition 49: S9. Providence, Rhode Island, USA, June 15–19.
- Young, D.A., Amarakoon, I.I., Hernandez-Zepeda, C., Brown, J.K., Roye, M.E. (2013). “Molecular characterization of begomoviruses associated with *Rhynchosia minima* in Jamaica”. Northern Caribbean University Research and Technology Symposium: Vehicle to Economic

Independence and Sustainability. Mandeville, Manchester, March 12.

- **Asemota, H.** (2012). “Ideas for creating wealth and Economic Advancement from Local Resources”. ICAJ/JIPO Annual Conference. Jamaica Conference Centre, Kingston, November 8.
- **Delahaye C., S.A. Mitchell** (2012). “More than a herb, more like an antibiotic *callistemon viminalis*”. Scientific Research Council Third International Conference “Science & Technology Driving Development: Competitive Edge for Caribbean Entities”. Jamaica Pegasus Hotel, Kingston, November 6–8.
- **Johnson L., Tennant, P.** (2012). “Viruses infecting Sweet Potato in Jamaica”. 16th Triennial Symposium, International Society for Tropical Root Crops. Federal University of Agriculture, Abeokuta, Nigeria, September 23–28.
- **Mitchell S.A.** (2012) “Raising the standard of food safety and sustainability in Jamaica: the role of biotechnology”. 6th International Food Safety Conference, Jamaica 2012, Food Hygiene Bureau, Montego Bay, Jamaica, October 18–19.
- **Wright, R., Asemota, H. and Wheatley, A.** (2012). “Extraction of Organic Compounds from *Moringa Oleifera* Leaves & its Antioxidant Activity Using DPPH Assay” 9th International Symposium in Recent Advances in Environmental Health Research, Jackson Marriott Hotel, Jackson, Mississippi, USA, September 16–18.

## PUBLICATIONS

- **Fisher L., Tennant P., Mc Laughlin W.** (2013). “Diversity of Citrus tristeza virus in Jamaica”. *Journal of Plant Pathology* 95: 201–206.
- **Picking D., Delgoda, T., Mitchell, S.A.** (2013). “*Hyptis verticillata* Jacq: A review of its traditional uses, phytochemistry, pharmacology and toxicology”. *Journal of Ethnopharmacology*. 147(1): 16–41.

- Stennett, D., Oladeinde, F., Wheatley, A., Bryant, J., Dilworth, L. and **Asemota, H.** (2013). Effects of *Dioscorea polygonoides* (Jamaican Bitter Yam) supplementation in normocholesterolemic and genetically modified hypercholesterolemic mice species. *Journal of Food Biochemistry* ISSN 1745–4514.
- **Stewart, C.**, Kon, T., Rojas, M., Graham, A., Martin, D., Gilbertson, R., and **Roye, M.** (2013). “The molecular characterisation of a Sida-infecting begomovirus from Jamaica”. *Archives of Virology*. Volume 158(8). <http://www.ncbi.nlm.nih.gov/pubmed/23933798>.
- Dilworth, L., Brown, K., **Wright, R.**, Oliver, M., Hall, S. and Asemota, H. (2012). Antioxidants, minerals and bioactive compounds in tropical staples. *African. J. Food Sci. Technol.* 2012 3(4): 90–98.
- Dilworth, L., Gardner, M., **Asemota, H.**, and Omoruyi, F. (2012). Intestinal morphology assessments of rats fed phytic acid extract from sweet potato (*Ipomea batatas*) and IP6. *Basic and Applied Pathology* 5:84–90 (doi:10.1111/baap.12000).
- Green, C.O and **Asemota, H.N.** (2012). Compositions and methods for treating hypercholesterolemia using Ortanique peel extract (USA Patent # 8,268,369 B2).
- Green, C. O., Wheatley, A.O., McGrowder, D.A., Dilworth, L.L. and **Asemota, H.N** (2012). Modulation of antioxidant enzymes activities and lipid peroxidation products in diet-induced hypercholesterolemic rats fed Ortanique peel PMFs extract. *Journal of Applied Biomedicine* 10(2): 91–102. ISSN 1214-0287.
- **Harvey, A.**, Adebayo, S., Wheatley, A., and **Asemota. H. N.** (2012). Effects of Acetylation on the Micromeritics of Yam (*Dioscorea sp.*) Starch Powder for Pharmaceutical Application. *West African Journal of Pharmacy*, 23(2):27–33.
- **Tennant, P.**, Fuchs M. (2012). “Transgenic crops resistant to fungal, bacterial and viral pathogens”. In: Meyers RA (ed). *Encyclopedia of Sustainability: Science and Technology*. Springer Science Business Media, LLC. pp 10694–10713.

- van Andel T., **Mitchell, S.A.**, Volpato, G., Vandebroek, I., Swier, J., Ruyschaert, S., Jimenez, C.A.R., Raes, N. (2012). “In search of the perfect aphrodisiac: Parallel use of bitter tonics in West Africa and the Caribbean”. *Journal of Ethnopharmacology*. Vol. 143(3): 840–850.

## **INCOME GENERATION**

The annual workshop on “Concepts in Biotechnology and Genetic Engineering” held December 17–19, 2012 and the one day workshop on Genetic Engineering held on the 15th of January generated approximately Five Hundred Thousand Dollars (\$500,000.00).

## **PUBLIC SERVICE**

### **Dr. Sylvia Mitchell**

- Management Board Member, College of Agriculture and Science Education (CASE).
- Standards Council Member, Jamaica Bureau of Standards (BJS), Standards and Technical sub-committee, National Quality Awards Member and Chair of Board of Examiners.
- Member of Hope Garden’s Education and Research Sub-Committee, and Landscaping Sub-Committee NPF.
- Member of the Society of In Vitro Biology (SIVB). Co-Editor of In Vitro Reports, and Education Chair.
- Member, Jamaican Society for Agricultural Sciences (JSAS), Jamaica Society of Scientists and Technologists (JSST), and the UWI Alumni Association (UWIAA).

### **Professor Helen Asemota**

- Reverend – Holiness Christian Church of Jamaica. Pastor at the Rose Town Kingston Branch.

- Chairman and Co-Founder, Imade Asemota Foundation for Sickle Cell Research and Patients' Welfare (IAF), North Carolina, USA.

## POSTGRADUATES

### Awards

Effective October 27th, 2012, **Miss Kathleen Lobban** was awarded the PhD. in Biotechnology for her thesis entitled “Biochemical and Molecular Genetic Changes Associated with in vivo and in vitro Developmental Processes in Dioscorea yam Planting Materials”. **Mr. Dennis Bailey** was also awarded the PhD. in Biotechnology effective February 21 2013, for his work on “Anthocyanins in Moonshine and Darknight yams (*Dioscorea alata*) and their Bioactivity in Cancer Cell Lines”. Both Drs. Bailey and Lobban's research was supervised by Professor Helen Asemota and Dr. Andrew Wheatley.

**Seymour Webster** was awarded the PhD. in Biotechnology for his project entitled “Somatic Embryogenesis of ‘Cheese’ Ackee (*Blighia sapida*) and Guinea Hen Weed (*Petiveria alliacea*): Regeneration, Molecular Analysis and Biosynthesis of Dibenzyl trisulphide. His degree was awarded effective November 1st 2012, and his research was conducted under the supervision of Dr. Sylvia Mitchell.

In March 2013, **Mr. Kimani Kitson-Walters** received the Prime Minister's Youth Award for Excellence in the category of Academics. The award is given each year to a student with unique academic performance. Mr. Kitson-Walters obtained a first class honours with a double major in Marine Biology and Biotechnology, a combination which is the first of its kind at the University of the West Indies. His current M Phil research is being supervised by Drs. Marcia Roye (Biotechnology Centre) and Mona Webber (Department of Life Sciences) and centers around identifying the genetic diversity of the Queen conch (*Strombus gigas*) in the Jamaican Fisheries.

## THE HUGH WYNTER FERTILITY MANAGEMENT UNIT



**Professor Joseph Frederick, CD, MBBS, DM (O&G), FRCOG, FACOG**  
**Head of Department**

### **OVERVIEW**

The Hugh Wynter Fertility Management Unit (HWFMU) has been implementing a major expansion programme over the past thirty three (33) months. This programme is now complete and a Re-opening Ceremony is scheduled for November 22, 2013. The expansion of the physical plant is to develop the capacity to launch new programmes and introduce new technology to expand our sexual and reproductive health services. The additions to the physical plant include two (2) “State of the Art” Endoscopic Operating Rooms, a “State of the Art” Assisted Conception Laboratory with facilities for advanced research, an Interactive Lecture Room with telemedicine facilities and two (2) Skills Laboratories for training in Minimally Access Surgery and a Wellness Laboratory.

The Telemedicine programme is projected to have the far reaching effects on standardization of the teaching of Minimally Access Surgery



## The Hugh Wynter Fertility Management Unit

across all four (4) of our UWI campuses. This will be facilitated by the development and delivery of both an undergraduate and postgraduate curricula.

The current strategic plan is focused on realignment of our Unit with the UWI strategic policies as well as bringing into sharp focus critical, passionate scholarship and related programmes to generate income to finance the modernization process.

Efforts are being made to strengthen the existing programmes related to the social issues of Sexual and Reproductive Health such as Family Planning, Health and Family Life Education and Gender Balance in Sexual and Reproductive Health etc. There is an urgent need for a multidisciplinary approach to reduce the incidence of breast and prostate cancer, HIV/AIDS from both the social and clinical point of view. As a consequence, the second skills lab will promote “Wellness” act as the “nerve center” or nexus between the social and clinical aspects of Sexual and Reproductive Health.

### CLINICAL SERVICES

Table 1: Surgeries and Procedures Performed in the Clinic

Procedures	Number
Oral Contraceptives	501
Depoprovera injection	16,487
Jadelle implant	191
IUCD	130
Tubal Ligation	48
Vasectomy	7
Diagnostic Laparoscopy	37
Diagnostic Hysteroscopy	164
Cyst aspiration	11
Operative laparoscopy	87
Operative hysteroscopy	20
Myomectomy	7
Hysterectomy	8

**Table 2: Assisted Reproductive Technology**

Procedures	Number
New patients registered	122
Egg Recoveries	53
Embryo Transfers	50
Pregnancies	7
Egg Sharers/ Egg Donor Recoveries	2
Egg Sharers Embryo Transfers	2
Egg Sharer Pregnancies	1
Recipient Cycles	2
Recipient Embryo Transfers	2
Recipient Pregnancies	0
Patients with Embryos Cryopreserved	11
Frozen Embryo Transfers	11
Semen Analysis Performed	205
Intrauterine Inseminations	15

## **TRAINING**

The Unit’s training programme contributes to the development of the skills and competencies of a wide cross-section of professionals throughout the English-speaking Caribbean by means of targeted training interventions. The current training programme is the Masters in Counselling Programme by Distance Education which has an enrolment of forty three (43) students. The students are distributed across the following countries: The Bahamas, Belize, Dominica, Jamaica, St. Lucia, St. Vincent and Trinidad.

**GRADUATION**

Six (6) students will be awarded the M.Sc. Counselling Degree as follows:

**Table 3:** Graduates for 2013

Site	Number	Comments
St. Vincent	4	One award of distinction
Trinidad	2	One distinction

**PUBLICATIONS**

- DaCosta V, McIntosh A, Wynter S, Harriott J, Christie L, Frederick-Johnston S, Bailey M, Frederick J, McKenzie C. “Total laparoscopic hysterectomy versus vaginal hysterectomy at the University Hospital of the West Indies: a 5-year retrospective study”. *West Indian Medical Journal*. 2012 Dec;61(9):865-9
- DaCosta V, Chin L, Wynter S, Harriott J, Christie L, Frederick-Johnston S, Frederick J, McKenzie C, Everett D, Foster R, Walters Y, Pottinger A. “Anticardiolipin antibodies and lupus anticoagulants among women undergoing in vitro fertilization in Jamaica”. *West Indian Medical Journal*. 2012 Nov;61(8):789-94.
- Frederick S, Frederick J, Fletcher H, Reid M, Hardie M, Gardner W. “A trial comparing the use of rectal misoprostol plus perivascular vasopressin with perivascular vasopressin alone to decrease myometrial bleeding at the time of abdominal myomectomy.” *Fertil Steril*. 2013 Oct;100(4):1044-9. doi: 10.1016/j.fertnstert.2013.06.022. Epub 2013 Jul 19.

- Pottinger AM, Everett-Keane D, McKenzie C. “Evolution of in vitro fertilization at the University of the West Indies, Jamaica”. *West Indian Medical Journal*. 2012 Jul;61(4):460-2.

## **PUBLIC SERVICE**

### **Joseph Frederick**

- Member, Caribbean Initiatives of Planning Committee of Planned Parenthood
- Member, Pacesetters Toast Masters Club

### **Pansy Hamilton**

- Board Member, The Mico University College
- Board Member, Caribbean HIV/AIDS Alliance
- Vice President, Jamaica Association of Health Service Executives
- Executive Member, YWCA Jamaica
- Member, Churches Emancipation Committee for the Annual Emancipation Lecture.

### **Elaine Jackson**

- Director and Executive Producer, UIWAIS House of Worship Ministry.
- Member, Board for August Town Primary School.
- Member, Jamaica Association of Composers, Authors and Publishers (JACAP).

### **Joan Meade**

- Treasurer, Lions Club of St. Andrew Central.

### **Williams, Lillith**

- Member, The International Association for Counselling.

The Hugh Wynter Fertility Management Unit

**Claudette McKenzie**

- Member, Jamaica Association of Health Service Executives.

**Veronica Forbes-Blake**

- Member, Jamaica Association of Administrative Professionals.

**Neila Ingram**

- Board Member, Jamaica Council of Churches

**Ileen Gill**

- Member, Jamaica Association of Administrative Professionals.

## THE NATURAL PRODUCTS INSTITUTE



Trevor H. Yee, BSc (Hons.), PhD *UWI*, MBA (Hons.) *Nova*.  
Executive Director

### WORK OF THE INSTITUTE

**D**uring the period August, 2012 to July, 2013, the Natural Products Institute has made notable advancements in multiple research projects which has culminated in national recognition.

A collaborative research project with Dr. Trevor Yee of the Institute, Dr. Lisa Lindo and Mrs. Denise Daley-Beckford, of the Biochemistry Section of the Department of Basic Medical Sciences and Professor Paul Reese of the Department of Chemistry swept the major prizes in the Scientific Research Council's 2nd National Innovations in Science and Technology Awards for the Year 2012. The competition was held at the Jamaica Pegasus Hotel, 6–8th November, 2012. The title of the winning entry, from which a patent application was made was, “Novel Treatments against Hyperglycaemia and Hypertension (High Blood Sugar and Blood

Pressure)”. This collaborative research project was declared the Winner of the Health and Wellness Category, and the coveted award as the Overall Winner and Innovator of the Year for 2102.

Further, recently graduated doctoral student, **Dr. Charah Watson** of the Institute was also adjudged the Young Scientist for the Year in the awards for 2012.

**Drs Rupika Delgoda** and **Simone Badal** of the Institute won First Prize for the Best Poster at the 7th International Society for the Development of Natural Products symposium in Delhi, India, November, 2012.

The efforts to build a dedicated anti-cancer screening facility at the NPI were met with success and the laboratory space has been fully refurbished during this period, with support from the Forest Conservation Fund and UWI. It is expected to generate results locally in screening extracts and isolated ingredients towards their use as cancer preventive and treatment leads.

This period also saw **Dr. Sheena Francis** joining the Institute as a Visiting Research Fellow, and former doctoral student **Dr. Simone Badal** remaining as a post-doctoral research fellow.

## PAPERS PRESENTED

- **Delgoda, R.**, “Bridging two worlds through science in the Caribbean”, keynote address at the 7th meeting of the International Society for the Development of Natural Products, November, 2012, Delhi, India
- **Murray J. and Delgoda R.**, “*Annona muricata* Linn (Annonaceae) [sour sop] displays moderate inhibition against major drug metabolizing enzymes: implications for drug-herb interactions”, 58th Annual conference CHRC Caribbean Public Health Agency (CARPHA), Bridgetown, Barbados from May 2–4 2013.
- **Badal S, Huang G, Tzeng T, Jacobs H, and Delgoda R.**, “Anticancer and chemopreventive leads from *Garcinia humilis* and *Clusia flava*”,

7th meeting of the International society for the development of natural products, November, 2012, Delhi, India.

- **Badal S.**, W. Gallimore, D. G. Huang, T.J. Tzeng, D.J. Gangemi, and **R. Delgoda** “Anticancer and chemopreventive leads from the marine algae, *Cymopolia barbata*”, the first Society for Scientific Advancement conference held in Mona, Jamaica, November 2012.

#### **PATENTS FILED:**

- **Dr. Trevor H. Yee**, Dr. Ruby L. Alexander-Lindo, Mrs. Denise K. Daley-Beckford, Professor Paul B. Reese filed two provisional US Patent applications on 4th October, 2012 entitled, Extracts from *Eucalyptus camaldulensis* for the Treatment of Hyperglycemia and Hypertension, Application numbers 61/709,893 and 61/722,614.
- **Dr. Trevor H. Yee** and Helen M. Jacobs filed a further patent for, “Process to Extract Quassinoids”. Patent Application No. 18/545720 on 19th July, 2013.
- **Trevor Yee**, **Charah T. Watson**, Eric Garraway, Dwight E. Robinson and **Nemois S. Schisholm** filed a U.S patent application, Methods and Products for reducing the population size of *Papilio demoleus* L. (Papilionidae). Date: March 6, 2013 US Pat. Apl. No. 13/576109
- **Rupika Delgoda**, **Simone Badal**, Helen Jacobs and Eileen Brantley filed a provisional US patent application on May 31, 2013, entitled, “Quassinoid and coumarin compounds for the prevention of cancer”. Application no. 61/829,881.

#### **PUBLICATIONS**

##### **Book chapter**

- **Badal S**, Sheilds M, **Delgoda R**, “Cytochrome P450 enzyme inhibitors from nature”, in edited book *Enzyme Inhibition and Bioapplications*, Sharma RR (Ed.), 2012, pp. 39–56. InTech publishers.



### Refereed Journal Articles

- **Badal S and Delgoda R**, “CYP1B1: Friend OR Foe? A critical review”, *OA Biochemistry*, 2013, Apr 01;1(1):8
- **Picking D, Delgoda R**, Boulogne I and Mitchell S, “*Hyptis verticillata* Jacq: A review of its traditional uses, phytochemistry, pharmacology and toxicology”, *Journal of Ethnopharmacology*, 2013, 147; 16–41.
- Penicooke N, Walford K, **Badal S, Delgoda R**, Williams L, Joseph-Nathan P, Gordillo-Roman B, Gallimore W, “Antiproliferative activity and absolute configuration of zonaquinone acetate from the Jamaican alga *Stypopodium zonale*”, *Phytochemistry*, 2013 March;87:96–101.
- C.R. Nwokocha; D.U. Owu; M. McLaren; **J. Murray; R. Delgoda**; K. Thaxter; et al.; Possible mechanisms of action of the aqueous extract of *Artocarpus altilis* (breadfruit) leaves in producing hypotension in normotensive Sprague-Dawley rats, *Pharmaceutical Biology*, 50(9), 2012: pages 1096–1102.
- Henry I.C. Lowe, **Charah T. Watson, Simone Badal**, Ngeh J. Toyang, and Joseph Bryant. Cytotoxic effect of Jamaica bissy nut extracts on various cancer cell lines. *Applied Cell Biology*. 2012, 1:(1) 47–49.
- Henry I.C. Lowe, **Charah T. Watson, Simone Badal**, Ngeh J. Toyang, and Joseph Bryant. In vitro anticancer activity of the crude extract and two dicinnamate isolates from the Jamaican Ball Moss (*Tillandsia recurvata* L.) *American Journal of Contemporary Research*. 2012, 3: (1) 92–96.
- Henry I.C. Lowe, **Charah T. Watson, Simone Badal**, Ngeh J. Toyang, and Joseph Bryant. Cycloartane-3,24,25-triol inhibits MRCK $\alpha$  kinase and demonstrates promising anti prostate cancer activity in vitro. *Cancer Cell International*., 2012,12:(46) 1–4.
- Henry I.C. Lowe, **Charah T. Watson, Simone Badal**, Ngeh J. Toyang, and Joseph Bryant. Kinase inhibition of the Jamaican ball moss, *Tillandsia recurvata*, L. *Anticancer Research*. 2012, 32: 4419–4422.

- Henry I.C. Lowe, **Charah T. Watson**, **Simone Badal**, Ngeh J. Toyang, and Joseph Bryant. Cycloartanes from the Jamaican ball moss, *Tillandsio recurvata* L. *Analytical Chemistry, an Indian Journal*. 2012, 12:190–193.

## **PUBLIC SERVICE**

### **Trevor H. Yee**

- Treasurer, the International Society for the Development of Natural Products (ISDNP). Executive Committee, the Natural History Society of Jamaica (NHSJ).

### **Rupika Delgoda**

- Co-Licencee and organizer of TEDxJamaica. Executive committee member, Jamaica Sri-Lanka Friendship Association.
- Referee for international journals: *British Journal of Pharmacology*; *Journal of Ethnopharmacology*; *Journal of Complementary Therapies in Medicine*; *Focus on alternative and complementary therapy*.

### **Sheena Francis**

- Member, Caribbean Diaspora for Science, Technology and Innovation (CADSTI).
- Member, Caribbean Science Foundation (CSF), Organiser, Sagicor Visionaries Competition.

# TROPICAL MEDICINE RESEARCH INSTITUTE



**Professor Susan Walker, BSc Bristol, MSc, PhD Lond**  
**Director**

## **OVERVIEW OF THE DEPARTMENT**

The Institute comprises 3 units on the Mona campus: Epidemiology Research Unit (ERU), Sickle Cell Unit (SCU) and Tropical Metabolism Research Unit (TMRU), and the Chronic Disease Research Centre (CDRC) at Cave Hill. This report covers the Mona units with the report for CDRC submitted to the Cave Hill Principal. The TMRI contributes substantially to the 2012–2017 Strategic Objectives of the UWI with key areas being Research and Innovation, Graduate Studies and Income source diversification.

## **ACADEMIC PROGRAMMES**

The Institute offers Masters and doctoral programmes in Nutrition and in Epidemiology. We also coordinate the nutrition module for the

MBBS programme and staff taught on several other courses within the MBBS as well as the MPH programme. We continue training and mentorship at the doctoral and post-doctoral levels through research fellowships within the TMRI and in collaboration with the Faculty of Medical Sciences, Mona. The goal of the FMS fellowships is to strengthen research capacity within FMS departments and build collaborations. The fellowships allow two-year placement of FMS faculty in the TMRI for training in research with the objective of conducting and publishing a research project during the fellowship. Staff at TMRI also contribute to research supervision of DM students in various FMS departments.

### **CLINICAL SERVICE**

The Institute provides significant outreach to communities through clinical service. The Sickle Cell Unit operates the only comprehensive facility for the care of persons with Sickle Cell Disease (SCD) in the English speaking Caribbean, as well as monthly clinics in Black River and Montego Bay Sickle Cell Clinic. The SCU also operates neonatal screening for the South East region with discussions underway with the Ministry of Health to provide training and technical support for island-wide screening. This summer, the Sickle Cell Unit ran the inaugural Teen Camp for children with SCD, increasing their knowledge of the disease and ability to cope with living with a chronic disease. The TMRU provides in-patient care for children with severe under-nutrition, and subject volunteers of various clinical trials and experimental studies, and provides a nutritional consultative service to hospitalized patients across the island. Staff from all three units provide specialist clinical services to the UHWI serving in several outpatient clinics such as internal medicine, hypertension, diabetes, endocrinology and pulmonology.

### **RESEARCH AND PUBLICATIONS**

The Institute continues to review its research programmes through annual scientific meetings. Current research programmes are Human

Nutrition and Metabolism, Endocrinology, Genetic underpinnings of disease susceptibility and severity, Sickle Cell Disease, Child Development, Chronic Non-Communicable Diseases – Surveillance, Epidemiology and Interventions, Inflammation and Wound healing.

Collaboration across units and research programmes continues to grow with collaboration on disparities research and cardiovascular disease between the CDRC and ERU; between the child development programme and the chronic disease programme (ERU) and the Sickle Cell research programme; between the Sickle cell programme and metabolism programme at TMRU. Presentations and publications for the academic year are listed below.

Expertise in systematic reviews continues to expand and the Caribbean Branch of the USA Cochrane Collaborating Centre (CBUSCC) was launched in June 2013, a significant achievement for UWI and the region.

Staff of the institute obtains grant funds to support research from a variety of agencies. More needs to be achieved and will require increased staff capacity to obtain grant funds, through training in writing grant proposals and expansion of collaborative arrangements. These initiatives are critical to the UWI Strategic Objective related to Income source diversification and support for staff training in this area as well as more robust central grant administration support is essential.

## **PUBLIC SERVICE**

Staff members contribute leadership in numerous professional organisations and provide technical advice to the Ministries of Health and Education. Several staff members also serve on committees in national and regional institutions and international agencies. Details are listed under Public service below.

**PAPERS PRESENTED AT CONFERENCES AND SEMINARS**

- **Asnani M.** “Pregnancy in Sickle Cell Disease.” Invited lecture to Physicians and Midwives at Victoria Jubilee Hospital, May 21, 2013; Kingston.
- **Asnani M, Anderson M.** “Jamaicans living with sickle cell disease: What do they know about SCD.” 58th Annual scientific Meeting of the Caribbean Public Health Agency; Barbados, May 2–4, 2013.
- **Asnani M.** “Sickle Cell Disease in Jamaica.” School of Public Health Nursing, University of Technology workshop: A Transition in the Non-Communicable Diseases in the Caribbean through Health Promotion, April 11, 2013, Kingston.
- **Asnani M, Reid M.** “Chronic Kidney Disease and Sickle Cell Disease in Jamaica.” 5th Caribbean Institute of Nephrology Conference; January 24–26, 2013, Montego Bay.
- **Asnani M, Reid M.** “Determining Glomerular Filtration Rate in sickle cell disease.” 5th Caribbean Institute of Nephrology Conference; January 24–26, 2013, Montego Bay.
- **Asnani M, Reid M.** “Glomerular Filtration Rate estimating equations in SS disease.” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; May 2–4, 2013, Barbados.
- **Badaloo A, Green C, HSU J, Taylor-Bryan C, Reid M, Forrester T, Jahoor F.** “Effects of methionine supplementation on cysteine and glutathione production in oedematous malnourished children.” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; Barbados, 2013.
- **Bennett N, Tulloch-Reid M, Francis D, Ferguson T, Younger-Coleman N, McFarlane S, Wilks R.** “Investigating sex differences in type 2 diabetes mellitus and its risk factors in the Caribbean.” The Endocrine Society, Health Disparities Summit; Baltimore, MD, 2013.

- **Boyne M.** “Facebook, Twitter and doctors: good medicine? FMS 21st Annual Research Conference – Grey Matters” The Faculty of Medical Sciences Research Day November 4; The University of the West Indies, Mona, 2012.
- **Boyne M.** “Metabolic syndrome and diabetes in the West Indies.” The 2nd Global Diabetes Summit; November 15, 2012, Ohio State University; Columbus, Ohio.
- **Boyne M.** “Current trends in type 2 diabetes mellitus treatment: the role of DPP4 inhibitors.” Caribbean Cardiac Society; July 14, 2013, Castries, St. Lucia.
- **Boyne M.** “Gut hormones in the treatment of obesity.” 2nd Caribbean Obesity Forum; March 2, 2013, Montego Bay, Jamaica.
- **Boyne M.** “Primary prevention of obesity.” 2nd Caribbean Obesity Forum; March 2, 2013; Montego Bay, Jamaica.
- **Boyne M, Thame M, Osmond C, Fraser R, Reid M, Gabay L, Forrester T.** “The association of puberty with cardiometabolic risk factors in Afro-Caribbean children.” Endocrine Society 95th Annual Meeting; June 18, 2013, San Francisco, CA: *Poster*.
- **Chang SM, Powell C, Lopez-Boo F, Grantham-McGregor SM, Walker SP.** “Parental knowledge of child development in clinic attendees in three Caribbean countries.” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; May 2–4, 2013, Barbados.
- **Duncan J, Weir P, Strachan S, Tulloch-Reid M.** “Opportunities for improving health outcomes among persons with chronic diseases in Jamaica.” The Faculty of Medical Sciences Research Day, The University of the West Indies, Mona, 2012.
- **Francis D, Tulloch-Reid M.** “Utilizing Evidence to address the chronic disease epidemic – bringing research, clinical practice and policy together.” The Faculty of Medical Sciences Research Day, The University of the West Indies, Mona; 2012.

- **Francis D, Welch V, Kristjansson E.** “Feeding programmes for improving the physical and psychosocial health of children aged 6 months to 5 years: Methodological challenges and approaches.” *The Annual Campbell Colloquium*; Copenhagen, 2012.
- **Francis D, Welch V, Kristjansson E.** “Preschool feeding programmes for improving the health of disadvantaged infants and young children.” *The Annual Campbell Colloquium; Copenhagen Abstract Booklet* 2012. p. 22–3.
- **Howell S, Barton-Gooden A, Bowers A, Marshall K, Weaver S, McKenzie C, Landis R, Reid M, Greenough A, Knight-Madden J.** “Association between restrictive lung disease and haptoglobin polymorphisms in adults with sickle cell anemia.” Grant Writing Workshop, Foundation for Sickle Cell Disease Research; April, 2013, Miami.
- **Howell S, Barton-Gooden A, Bowers A, Marshall K, Weaver S, McKenzie C, Landis R, Reid M, Greenough A, Knight-Madden J.** “Association between restrictive lung disease and haptoglobin polymorphisms in adults with sickle cell anemia.” 7th Annual Sickle Cell Disease Research and Educational Symposium and 36th National Sickle Cell Disease Meeting; April, 2013, Miami.
- **King L, Bortuloso-Ali S, Chang-Lopez S, Reid M.** “Academic performance in children with sickle cell disease in Jamaica.” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; May 2–4, 2013, Barbados.
- **King L, Bortuloso-Ali S, Cunningham-Myrie C, Reid M.** “Impact of a comprehensive sickle cell centre on early childhood mortality in a developing country.” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; May 2–4, 2013, Barbados.
- **Knight-Madden J.** “Sickle cell disease and the dengue epidemics in the French West Indies and Jamaica.” 3rd Conférence Caribéenne sur la drépanocytose May, 2013, Cuba.



- Etienne-Julan M, **Knight-Madden J**. “Sickle cell disease neonatal screening program in Jamaica.” 3rd Conférence Caribéenne sur la drépanocytose May, 2013, Cuba.
- **Knight-Madden J**, Barton-Gooden A, Weaver S, Reid M, Greenough A. “Mortality, asthma, smoking and acute chest syndrome in young adults with sickle cell disease.” The Faculty of Medical Sciences Research Day, The University of the West Indies, Mona, 2012.
- **Knight-Madden J**, Hibbert J, Reid M, Ofori-Acquah S, Landis R, McKenzie C, Stiles J. “The lungs and brain in sickle cell disease: Organs at risk of injury due to perturbations in the heme degradation pathway.” Grant Writing Workshop, Foundation for Sickle Cell Disease Research; April, 2013, Miami.
- **Mani K**, Hoo Sang M, Younger-Coleman N, Ferguson T. “Ischaemic heart disease at the University Hospital of the West Indies: hospital admission rates and inpatient mortality rates, 2005–2010.” The Faculty of Medical Sciences Research Day November; The University of the West Indies, Mona, 2012.
- **Mansingh G**, Osei-Bryson K, Asnani M. “Determinants of Quality of Life of Sickle Cell Patients: A KDDM Process Model based Exploration.” Conf-IRM 2013: Managing IT in a Consumerized IT world; May 22–24, 2013, Natal, Brazil.
- Martí-Carvajal A, **Knight-Madden J**, Martinez-Zapata M, Francis D. “Interventions for treating leg ulcers in people with sickle cell disease: a metanalysis.” The Faculty of Medical Sciences Research Day, The University of the West Indies, Mona, 2012.
- **McFarlane S**, Bernard O, Mathurin C, Castillo A. “Issues in the Management of Diabetes in Youth of three Caribbean countries and their Caregivers’ International Society of Paediatric and Adolescent  
McFarlane S, Bernard O, Mathurin C, Castillo A. “Issues in the Management of Diabetes in Youth of three Caribbean countries – the Caregivers’ Perspectives . . .” University Diabetes Outreach Programme, 14th Annual Conference; Ocho Rios, Jamaica, 2013.

- **McFarlane S**, Francis D, Younger N, G G-S, Wilks R. “Association of Depressive Symptoms and BMI in Jamaican Adolescents.” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; May 2–4, 2013, Barbados.
- **McFarlane S**, Tulloch-Reid M, Francis D, Ferguson T, Younger-Coleman N, Wilks R. “Chronic Disease and Overweight/Obesity in Jamaica.” Caribbean Obesity Society, 3rd Annual Conference; January, 2013.
- **Orimoloye A**, Hurlock L, Ferguson T, Lee M. “A study of energy drinks consumption among the students of the University of the West Indies, Mona, Jamaica.” The Faculty of Medical Sciences Research Day November, The University of the West Indies, Mona; 2012.
- **Rankine-Mullings A**, Knight-Madden J, MooSang M, Lynch O, Reid M. “Sickle cell disease; a risk factor for fatal dengue fever in the 2012 Epidemic in Jamaica: A preliminary report.” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; May 2–4, 2013, Barbados.
- **Stephenson D**, Powell C, Chang S, Walker S. “Caregiver training benefits the development of children aged 6–42 months living in child care institutions in Jamaica.” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; 2013 May 2–4, 2013, Barbados.
- **Stephenson D**, **Powell C**, Chang S, Walker S. “Caregiver training benefits care-giving practices in children’s homes in Jamaica.” 58th Annual Scientific Meeting of the Caribbean Public Health Agency, May 2–4, 2013, Barbados: *Poster*.
- **Tulloch-Reid M**, Ferguson T, Wilks R. “The Lipid Accumulation Product is Not Better than Anthropometric Measurements in Identifying Insulin Resistant Black Youth.” American Association of Clinical Endocrinologist 21st Annual Scientific Meeting, Philadelphia, Pennsylvania, 2012.

- **Tulloch-Reid M.** “Dyslipidemia in 2012”. Vanderbilt University School of Medicine and The Heart Institute of the Caribbean Advances in Cardiovascular Care, Jamaica Conference Centre, December 6–8, 2012.
- **Tulloch-Reid M.** “The Epidemiology of Childhood Diabetes in the Caribbean” International Society for Pediatric and Adolescent Diabetes Training Course, Trinidad, July 27–28, 2013.
- **Tulloch-Reid M.** “Guidelines for the Management of Youth with Diabetes in the Caribbean” International Society for Pediatric and Adolescent Diabetes Training Course, Trinidad, July 27–28, 2013.
- **Vergara C, Murray T, Rafaels N, Lewis R, Campbell M, Foster C, Gao L, Faruque M, Riccio OR, Carvalho E, M A, Cruz A, Watson H, Mercado D, Knight-Madden J, Ruczinski I, Dunston G, Ford J, Caraballo L, Beaty T, Mathias R, Barnes K.** “African Ancestry Is a Risk Factor for Asthma and High Total IgE Levels in African Admixed Populations.” American Society of Human Genetics, Annual Meeting San Francisco, 2012.
- **Walker S.** “Sustained benefits of early intervention. Integrating Nutrition and Early Childhood Development.” The Sackler Institute for Nutrition Science, The New York Academy of Sciences; August 29–30, 2102, New York.
- **Walker S.** “Use of media for behavior change to improve parenting and child development. Integrating Nutrition and Early Childhood Development.” The Sackler Institute for Nutrition Science, The New York Academy of Sciences; August 29–30, 2012, New York.
- **Walker S.** “Perspectives on investing in young children’s health, education, nutrition & social protection.” Investing in Young Children Globally, Institute of Medicine; March 7–8, 2013, Washington DC.
- **Walker S.** “Promoting young child development: The role of the health sector” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; May 2–4, 2013, Barbados.
- **Wilks R.** “The Epidemic of Non-Communicable Diseases ‘Moving

on Up<sup>2</sup>– 50 Years Onwards. Are we better off?” Association of Consultant Physicians of Jamaica 10th Annual Symposium; September 9, 2012. Terra Nova Hotel, Jamaica.

- **Wilks R.** “Epidemiology Research Unit CNCD Group Overview.” Ministry of Health Inaugural National Review on Non-Communicable Diseases (NCDs); November 16, 2012. Jamaica Conference Centre.
- **Wilks R.** “Hypertension Update” University Health Services (UHS) Seminar; August 30, 2012. UWI Health Centre.
- **Wilks R.** “Overview of the Risk factors and Non-Communicable Disease Epidemic in the Caribbean” Faculty of Medical Sciences 21st Annual Research Conference and Workshop November 7–9, 2012. The University of the West Indies, Mona.
- **Wilks R.** “Chronic Non-Communicable Diseases; Alternate Paradigms for Inquiry and Intervention.” William Bill Dennis Memorial Lecture July 18, 2013. Faculty of Medical Sciences, UWI.
- **Wilks R.** “Epidemiology of Hypertension in Jamaica.” *Advancements in Medicine and Healthcare* April 26–27, 2013. Department of Medicine, Faculty of Medical Sciences, UWI.
- **Wilks R.** “Facing CNCD Epidemic in Developing Countries: Community Based Participation Research (CBPR).” 58th Annual Scientific Meeting of the Caribbean Public Health Agency; May 2–4, 2013, Barbados.

## **PUBLICATIONS**

### **Book Chapter**

- **Walker SP, Chang SM.** “Intra-uterine growth restriction in developing countries: Impact on child mental development and behaviour”, In: *Handbook of Growth and Growth Monitoring in Health and Disease*. ed. by VR Preedy. Springer Science + Business Media, LLC. 2012, 147–158.

**Refereed Journal Articles**

- Anderson M, **Asnani M**. “You just have to live with it”: coping with sickle cell disease in Jamaica.” *Quality Health Research Journal* 2013;23(5):655–64.
- **Asnani MR, Lynch O, Reid ME**. “Determining glomerular filtration rate in homozygous sickle cell disease: utility of serum creatinine based estimating equations.” *PLoS One* 2013;8(7):e69922.
- **Asnani MR, Williams A, Reid M**. “Splenic enlargement in adults with homozygous sickle cell disease: the Jamaican experience.” *Hematology* 2013;18(1):46–9.
- **Baker-Henningham H, Scott S, Jones K, Walker S**. “Reducing child conduct problems and promoting social skills in a middle-income country: cluster randomised controlled trial.” *British Journal of Psychiatry* 2012;201:101–8.
- Bhutta ZA, Das JK, Rizvi A, Gaffey MF, Walker N, Horton S, Webb P, Lartey A, Black RE & Maternal Child Nutrition Study Group (**S Walker**, member). “Evidence-based interventions for improvement of maternal and child nutrition: what can be done and at what cost?” *Lancet* 2013 ;382(9890):452–77.
- Black RE, Victora CG, **Walker SP**, Bhutta ZA, Christian P, de Onis M, Ezzati M, Grantham-McGregor S, Katz J, Martorell R, Uauy R. “Maternal and child nutrition: building momentum for impact.” *Lancet* 2013 ;382(9890):372–5.
- Black RE, Victora CG, **Walker SP**, Bhutta ZA, Christian P, de Onis M, Ezzati M, Grantham-McGregor S, Katz J, Martorell R, Uauy R. “Maternal and child undernutrition and overweight in low-income and middle-income countries.” *Lancet* 2013 ;382(9890):427–51.
- **Bowers AS, Reid HL, Greenidge A, Landis C, Reid M**. “Blood viscosity and the expression of inflammatory and adhesion markers in homozygous sickle cell disease subjects with chronic leg ulcers.” *PLoS One* 2013;8(7):e68929.

- **Boyne M, Thompson D, Osmond C, Fraser R, Reid M, Taylor-Bryan C, Soares-Wynter S, Forrester T.** “The effect of antenatal factors and postnatal growth on serum adiponectin levels in children.” *Journal of Developmental Origins of Health and Disease* 2013;4:317–23.
- Dawkins JC, Fletcher HM, Rattray CA, **Reid M**, Gordon-Strachan G. “Acute pyelonephritis in pregnancy: a retrospective descriptive hospital based-study.” *ISRN Obstet Gynecol* 2012;2012:519321.
- **Ferguson T, Tulloch-Reid M, Younger N, Wright-Pascoe R, Boyne M, McFarlane S, Francis D, Wilks R.** “Diabetic Foot Complications among Patients Attending a Specialist Diabetes Clinic in Jamaica: Prevalence and Associated Factors.” *West Indian Medical Journal* 2013;62.
- **Ferguson TS, Tulloch-Reid MK, Gordon-Strachan G, Hamilton P, Wilks RJ.** “National health surveys and health policy: impact of the Jamaica Health and Lifestyle Surveys and the Reproductive Health Surveys.” *West Indian Medical Journal* 2012;61(4):372–9.
- Fletcher HM, Dawkins J, Rattray C, Wharfe G, **Reid M**, Gordon-Strachan G. “Morinda citrifolia (Noni) as an Anti-Inflammatory Treatment in Women with Primary Dysmenorrhoea: A Randomised Double-Blind Placebo-Controlled Trial.” *Obstetrics and Gynecology International* 2013;2013:195454.
- Frederick S, Frederick J, Fletcher H, **Reid M**, Hardie M, Gardner W. “A trial comparing the use of rectal misoprostol plus perivascular vasopressin with perivascular vasopressin alone to decrease myometrial bleeding at the time of abdominal myomectomy.” *Fertil Steril* 2013 July 19.
- Gayle K, **Tulloch-Reid M, Younger N, Francis D, McFarlane S, Wright-Pascoe R, Boyne M, Wilks R, Ferguson T.** “Footcare and footwear practices among patients attending a specialist diabetes clinic in Jamaica.” *Clinics Pract* 2012:e85.
- Gibson RC, Morgan KA, Abel WD, Sewell CA, Martin JS, Lowe GA, Haye Wde L, Edwards CL, O'Garro KN, **Reid ME, Asnani**

- MR. “Locus of control, depression and quality of life among persons with sickle cell disease in Jamaica.” *Psychology Health and Medicine* 2013;18(4):451–60.
- Gordon CD, **Wilks R**, McCaw-Binns A. “Effect of aerobic exercise (walking) training on functional status and health-related quality of life in chronic stroke survivors: a randomized controlled trial.” *Stroke* 2013 ;44(4):1179–81.
  - Jackson M, **Tulloch-Reid M**, **Walker S**, McFarlane-Anderson N, Bennett F, **Francis D**, Coard K. “Dietary patterns as predictors of prostate cancer in Jamaican men.” *Nutr Cancer* 2013;65(3):367–74.
  - Jackson MD, **Tulloch-Reid MK**, McFarlane-Anderson N, Watson A, Seers V, Bennett FI, Egleston B, Ragin C. “Complex interaction between serum folate levels and genetic polymorphisms in folate pathway genes: biomarkers of prostate cancer aggressiveness.” *Genes Nutr* 2013;8(2):199–207.
  - Jackson MD, **Walker SP**, Simpson-Smith CM, Lindsay CM, Smith G, McFarlane-Anderson N, Bennett FI, Coard KC, Aiken WD, Tulloch T, Paul TJ, Wan RL. “Associations of whole-blood fatty acids and dietary intakes with prostate cancer in Jamaica.” *Cancer Causes Control* 2012;23(1):23–33.
  - Kidd LR, Jones DZ, Rogers EN, Kidd NC, Beache S, Rudd JE, Ragin C, Jackson M, McFarlane-Anderson N, **Tulloch-Reid M**, Morrison S, Brock GN, Barve SS, Kimbro KS. “Chemokine Ligand 5 (CCL5) and chemokine receptor (CCR5) genetic variants and prostate cancer risk among men of African Descent: a case-control study.” *Hereditary Cancer in Clinical Practice* 2012;10(1):16.
  - **Knight-Madden J**, Etienne-Julan M, Romano M, Watkins N, Calder D. “Sickle Retinopathy in Persons Reputed to have Sickle Cell Trait.” *Case Reports in Genetics* 2012;2012(Article ID 136582).
  - **Knight-Madden JM**, Barton-Gooden A, Weaver SR, **Reid M**, Greenough A. “Mortality, asthma, smoking and acute chest syndrome in young adults with sickle cell disease.” *Lung* 2013 ;191(1):95–100.

- **Knight-Madden JM**, Connes P, **Bowers A**, Nebor D, Hardy-Dessources MD, Romana M, Reid H, Pichon AP, Barthelemy JC, Cumming VB, Elion J, **Reid M**. “Relationship between acute chest syndrome and the sympatho-vagal balance in adults with hemoglobin SS disease; a case control study.” *Clin Hemorheol Microcirc* 2013;53(3):231–8.
- Kutlar A, Ataga K, **Reid M**, Vichinsky EP, Neumayr L, Blair-Britt L, Labotka R, Glass J, Keefer JR, Wargin WA, Berenson R, Perrine SP. “A phase 1/2 trial of HQK-1001, an oral fetal globin inducer, in sickle cell disease.” *American Journal of Hematology* 2012;87(11):1017–21.
- Kutlar A, **Reid M**, Inati A, Taher A, Abboud MR, El-Beshlawy A, Buchanan GR, Smith H, Ataga K, Perrine S, Ghalie R. “A dose-escalation phase IIa study of 2,2-dimethylbutyrate (HQK-1001), an oral fetal globin inducer, in sickle cell disease.” *American Journal of Hematology* 2013 July 5.
- Marti-Carvajal AJ, Conterno LO, **Knight-Madden JM**. “Antibiotics for treating acute chest syndrome in people with sickle cell disease.” *Cochrane Database Syst Rev* 2013;1:CD006110.
- Marti-Carvajal AJ, **Knight-Madden JM**, Martinez-Zapata MJ. “Interventions for treating leg ulcers in people with sickle cell disease.” *Cochrane Database Syst Rev* 2012;11:CD008394.
- Morgan ND, **Ferguson TS**, **Younger NO**, **Tulloch-Reid MK**, **Francis DK**, **McFarlane SR**, Grant A, Lewis-Fuller E, **Wilks RJ**. “Prevalence of high-risk sexual behaviour in Jamaican adults and its relationship to socio-demographic and religious factors: findings from the Jamaica Health and Lifestyle Survey 2007–2008.” *West Indian Medical Journal* 2012 December;61(9):873–80.
- Morrison BF, **Reid M**, **Madden W**, Burnett AL. “Testosterone replacement therapy does not promote priapism in hypogonadal men with sickle cell disease: 12-month safety report.” *Andrology* 2013 ;1(4):576–82.
- Ragin C, Davis-Reyes B, Tadesse H, Daniels D, Bunker CH, Jackson



- M, **Ferguson TS**, Patrick AL, **Tulloch-Reid MK**, Taioli E. “Farming, reported pesticide use, and prostate cancer.” *Am J Mens Health* 2013;7(2):102–9.
- Rogers EN, Jones DZ, Kidd NC, Yeyeodu S, Brock G, Ragin C, Jackson M, McFarlane-Anderson N, **Tulloch-Reid M**, Sean Kimbro K, Kidd LR. “Toll-like receptor-associated sequence variants and prostate cancer risk among men of African descent.” *Genes Immun* 2013 ;14(6):347–55.
  - Sargeant T, Harris T, **Wilks R**, Barned S, Galloway-Blake K, **Ferguson T**. “Rhabdomyolysis and dengue Fever: a case report and literature review.” *Case Rep Med* 2013;2013:101058.
  - Sioka C, Skarulis MC, **Tulloch-Reid MK**, Heiss JD, Reynolds JC. ““Hidden” bone metastasis from thyroid carcinoma: A clinical note.” *Rev Esp Med Nucl Imagen Mol* 2013 July 8.
  - Taioli E, Sears V, Watson A, Flores-Obando RE, Jackson MD, Ukoli FA, de Syllos Colus IM, Fernandez P, McFarlane-Anderson N, Ostrander EA, Rodrigues IS, Stanford JL, Taylor JA, **Tulloch-Reid M**, Ragin CC. “Polymorphisms in CYP17 and CYP3A4 and prostate cancer in men of African descent.” *Prostate* 2013 ;73(6):668–76.
  - Tayo BO, Kramer H, Salako BL, Gottesman O, **McKenzie CA**, Ogunniyi A, Bottinger EP, Cooper RS. “Genetic variation in APOL1 and MYH9 genes is associated with chronic kidney disease among Nigerians.” *Int Urol Nephrol* 2013 ;45(2):485–94.
  - Terao C, Bayoumi N, **McKenzie CA**, Zelenika D, Muro S, Mishima M, Connell JM, Vickers MA, Lathrop GM, Farrall M, Matsuda F, Keavney BD. “Quantitative Variation in Plasma Angiotensin-I Converting Enzyme Activity Shows Allelic Heterogeneity in the ABO Blood Group Locus.” *Ann Hum Genet* 2013 August 13.
  - **Tulloch-Reid MK**, Younger NO, **Ferguson TS**, Francis DK, Abdulkadri AO, Gordon-Strachan GM, **McFarlane SR**, **Cunningham-Myrie CA**, **Wilks RJ**, Anderson SG. “Excess Cardiovascular Risk Burden in Jamaican Women Does Not Influence Predicted 10-Year

CVD Risk Profiles of Jamaica Adults: An Analysis of the 2007/08 Jamaica Health and Lifestyle Survey.” *PLoS One* 2013;8(6):e66625.

- Vergara C, Murray T, Rafaels N, Lewis R, Campbell M, Foster C, Gao L, Faruque M, Oliveira RR, Carvalho E, Araujo MI, Cruz AA, Watson H, Mercado D, **Knight-Madden J**, Ruczinski I, Dunston G, Ford J, Caraballo L, Beaty TH, Mathias RA, Barnes KC. “African ancestry is a risk factor for asthma and high total IgE levels in African admixed populations.” *Genet Epidemiol* 2013 ;37(4):393–401.
- Walker S, Pierre R, Christie C, **Chang S**. “Neurocognitive function in HIV-positive children in a developing country.” *International Journal of Infectious Diseases* 2013;17:e862-e7
- **Walker SP, Chang SM, Powell CA, Baker-Henningham H**. “Building human capacity through early childhood intervention: the Child Development Research Programme at the Tropical Medicine Research Institute, the University of the West Indies, Kingston, Jamaica.” *West Indian Medical Journal* 2012;61(4):316–22.

#### **Non-refereed Articles**

- **Ferguson TS**. “Foot Care and Footwear Practices in Patients with Diabetes: Simple Interventions and Adherence to Guidelines May Be Limb Saving.” *West Indian Medical Journal*. 2012; 61(7): 657–658 (letter to the editor)
- **Reid M**. “Nutrition and sickle cell disease.” *Comptes rendus biologies* 2013;336(3):159-63.
- Mayosi BM, **Forrester T**. “Commentary: ‘serum-cholesterol, diet, and coronary heart-disease in Africans and Asians in Uganda’ by AG Shaper and KW Jones.” *The International Journal of Epidemiology* 2012 ;41(5):1233-
- **Walker S**. “Double burden of malnutrition.” *Development and Cooperation* 2013;40:304–5.”
- **Walker S, Chang S**. “Effectiveness of parent support programmes in

enhancing learning in the under-3 age group.” *Early Childhood Matters* 2013;120:45–9.

### **Technical Reports**

- Walker S, Powell C, Chang S, Henningham H (2012). “Pilot of parenting interventions in the Caribbean. Report on baseline survey. Regional Non-reimbursable Technical Cooperation No. ATN/SF-12300-RG.” *Inter-American Development Bank*.

### **Systematic Reviews/Protocols**

- Francis DK, Lazzarini PA, Ferguson TS, Jen SD, Cumberbatch C, Welch V. “Education of health professionals for preventing diabetic foot ulceration (Protocol).” *Cochrane Database of Systematic Reviews* 2013, Issue 3. Art. No.: CD010433. DOI: 10.1002/14651858.CD010433
- Supraha V, Francis DK, Utrobicic A, Choy EHS, Tenzera D, Kordic A. “Probiotics for fibromyalgia (Protocol).” *Cochrane Database of Systematic Reviews* 2013, Issue 3. Art. No.: CD010451. DOI: 10.1002/14651858.CD010451.
- Kristjansson E, Francis DK, Liberato S, Benkhalti Jandu M, Welch V, Batal M, Greenhalgh T, Rader T, Noonan E, Shea B, Janzen L, Wells GA, Petticrew M. “Feeding interventions for improving the physical and psychosocial health of disadvantaged children aged three months to five years (Protocol).” *Cochrane Database of Systematic Reviews* 2012, Issue 6. Art. No.: CD009924. DOI: 10.1002/14651858.CD009924.

### **INCOME GENERATION**

Title: **Management of Severe Acute Malnutrition during Early Life; Addressing Nutritional Requirements by Stable Isotope Techniques.**

Funding Agency: IAEA

Contract No: 15268

Principal Investigator Asha Badaloo

Period of Award: September 2008–September 2012

Value: €60000.00

**Title: Glutathione homeostasis and oxidant damage in kwashiorkor: Role of sulphur amino acids in GSH deficiency childhood malnutrition.**

Funding Agency: NIH

Contract No: 5R01 DK056689

Principal Investigator: Terrence Forrester

Period of Award: 2008–2013

Value: US\$1,125,000

**Title: Variation in Severity of Sickle Cell Disease among the Yoruba**

Funding Agency: FIC/NIH

Contract No: 1R03TW008695-01A1

Investigators Marvin Reid Colin McKenzie

Period of Award: 07/01/2011 – 06/30/2014

Value: USD\$96,000.00

**Title: Genetics of Hypertension in Blacks**

Funding Agency: NIH/NHLBI f

Contract No: 2R01HL053353-12A1

Principal Investigator Richard Cooper, Colin McKenzie (consultant)

Period of Award: 06/15/2009-04/30/2014

Value: USD\$1,000,000.00

**Title: Utility of Cystatin-C estimating equations in determining glomerular filtration rate in Sickle Cell Disease**

Funding Agency: Caribbean Health Research Council

Principal Investigator Monika Asnani

Period of Award: September 2011–August 2013

Value: US\$ 10,000.00

**Title: Shaw in Jamaica Project**

Funding Agency: National Institutes of Health

Principal Investigator: William Aiken, Co-Investigators: Shelly McFarlane, Novie Younger

Period of Award: 2012–2013

USD\$75,261.00

**Title: USA-Caribbean Alliance for Health Disparities Research (USCAHDR)**

Duration: 2011–2016

Co-investigator Professor Rainford Wilks

Funding Agency: National Institute on Minority Health and Health Disparities Cooperative Agreement No.1U24MD006959-01, NIH – US\$4,799,063.00

**Title: New Approaches for Empowering Studies of Asthma in Populations of African Descent**

Funding Agency: NHLBI, HL104608-01

Principal Investigator: Kathleen Barnes, John's Hopkins University

Key Investigator/Consultant: Jennifer Knight-Madden

Value: USD\$1,706,590

**Title: Know-it study: An educational intervention to improve disease knowledge among adolescents with Sickle Cell Disease**

Funding Agency: University of the West Indies, Principal's awards

Principal Investigator: Antoinette Barton-Gooden, UWISON

Co-investigators: Jennifer Knight-Madden, Monika Asnani, Marilyn Grindley

Value: \$1,500,000.00

**Title: The association of cortisol awakening response with blood pressure and adiposity in Caribbean children**

Funding Agency: Caribbean Health Research Council

Principal Investigator: Michael Boyne

Period of Award: July 2012–December 2013

Value: US \$2,850.00

**Title: Efficacy of combination therapy-hydroxyurea and enalapril in slowing the progression of sickle nephropathy in children ECP 127, 10/11**

Funding Agency: Caribbean Health Research Council

Principal Investigator: Lesley King

Period of Award: 2012–2013

Value: US \$10,000.00

**Title: Effects of  $\beta$ -hydroxy- $\beta$ -butyrate supplementation and resistance exercise on strength and body composition in Sickle Cell Anaemia**

Funding Agency: Caribbean Public Health Agency (CARPHA) formerly CHRC

Principal Investigator: Marvin Reid

Period of Award: May 2013 – April 2014

Value: US \$10,000.00

**Title: Parenting and growth in Caribbean Children**

Funding Agency: Harvard Pilgrim Health Centre

Principal Investigator: Marshall Tulloch-Reid

Period of Award: July 1 2012–June 30, 2013

Value: US \$29,566.00

**Title: Improvement health care in persons and preventing Stroke in persons with Sickle Cell Disease**

Funding Agency: National Health Fund

Principal Investigator: Marvin Reid

Period of Award: July 1 2012–June 2015

Value: US \$172,349.89

**Title: Promoting young children's social & emotional competence & preventing conduct problems: Follow-up of a cluster randomised controlled trial**

Funding Agency: The Wellcome Trust

Principal Investigator I: Helen Henningham

Period of Award: May 11, 2011–May 30, 2014

Value: GBP351, 892.00

**Title: Inter-Generational Impacts of Early Childhood Experience**

Funding Agency: Inter-American Development Bank

Principal Investigator: Susan Walker

Period of Award: November 2010–October 2013

Value: US \$150,000

**Title: Pilot of parenting interventions in the Caribbean**

Funding Agency: Inter-American Development Bank

Principal Investigator: Susan Walker

Period of Award: January 2011–December 2013

Value: US \$750,000

## **PUBLIC SERVICE**

### **Monika Asnani**

- Caribbean Representative: Worldwide Initiative on Social Studies in Hemoglobinopathies (WiSSH) since 2011.
- Caribbean College of Family Physicians
- Honorary Secretary
- Co-Chair, CME Committee
- Member, Accreditation & Certification Committee
- Executive Committee Member, Indian Cultural Society in Jamaica

### **Asha Badaloo**

- Voluntary Nutritional Consultant, Prema's free medical clinic

### **Michael Boyne**

- Member, Medical Association of Jamaica Ethics Committee
- President, Caribbean Endocrine Society
- Member, Board of Diabetes Association of Jamaica
- Member, National Health Fund Expert Panel of Physicians.

### **Susan Chang-Lopez**

- Member, Research and Data Management Sub-committee, Early Childhood Commission (ECC).



**Damian Francis**

- Nutrition and Dietetics Representative, Council for Professions Supplementary to Medicine
- Member, Policy Committee, Caribbean Public Health Agency

**Trevor Ferguson**

- Member, National Non-Communicable Disease Committee
- Member, Editorial Board for *West Indian Medical Journal*
- Member, Editorial Board, Frontiers in Diabetes
- Member, National Ministerial Council, Bethel United Church of Jesus Christ (Apostolic).

**Jennifer Knight-Madden**

- Member, Ministry of Health: Working group to discuss the ‘The Strategic Plan for Asthma/COPD’
- Ministry of Health: Working group to implement islandwide neonatal screening for sickle cell disease.
- Vice President, Caribbean Network of Researchers on Sickle Cell and Thalassemia (CAREST).

**Shelly McFarlane**

- Member, Jamaica Statistical Society (JSS)
- Observer on the International Diabetes Federation (IDF) Board.

**Colin McKenzie**

- Director, NCB insurance Company Limited

**Marvin Reid**

- Executive Member, Caribbean Network of Researchers on Sickle Cell and Thalassemia (CAREST)
- Member, Global Network on Sickle Cell Disease
- Executive Member, Medical Association of Jamaica with responsibility for Education and Planning of the annual MAJ symposium

- Chairman, Caribbean College of Family Physician Jamaica Chapter
- Executive Member, Rotary Club New Kingston.

**Marshall Tulloch-Reid**

- Member, Research Affairs Core Committee, The Endocrine Society
- Member, International Committee, and Health Disparities Committee, The American Association of Clinical Endocrinologists
- Consultant Physician and Endocrinologist, University Hospital of the West Indies
- Member, Education Committee, and Health Committee, Andrews Memorial SDA Church
- Examiner, Caribbean Certified Diabetes Educator (CCDE)
- Trainer / Facilitator, Pediatric and Adolescent Diabetes

**Susan Walker**

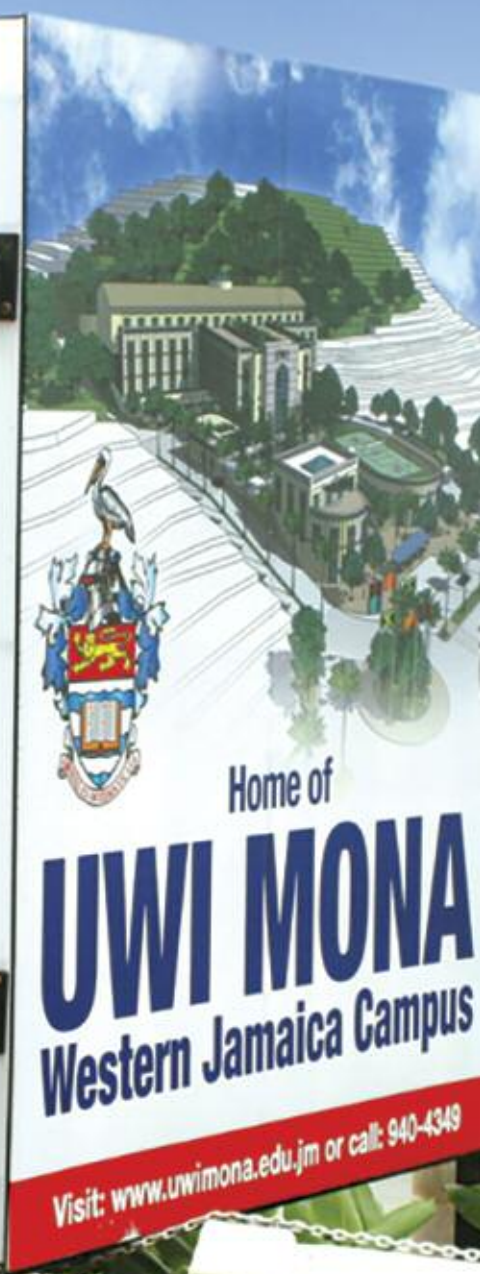
- Chair, Board of Trustees, Environmental Foundation of Jamaica Trust Fund
- Member, Advisory Committee on Health Research, Pan American Health Organization
- Member, Steering Committee, Global Child Development Group

**Rainford Wilks**

- Director, Heart Foundation of Jamaica
- Chairman, Medical Committee, St. Joseph's Hospital
- Chairman, Gibson Relays Organizing Committee
- Commissioner, Jamaica Anti-Doing Commission; Member of the JADCO Technical Sub-committee
- Member and Co-Chairman for the Caribbean, PAHO/WHO Regional Expert Group on Cardiovascular Disease Prevention through Dietary salt Reduction
- Member, Wesley Parker Foundation

## Tropical Medicine Research Institute

- Member, Technical working group advising the Ministry of Health on the Epidemiology of Violence
- Member, Technical working group advising the Ministry of Health on the Management of Hypertension and Diabetes Mellitus
- Member, Ministry of Agriculture and Fisheries National Food and Nutrition Security Action Plan Group
- Member, EU-LAC Health Expert on Prevention of Diseases and Promotion of Well Being Committee



The sign features a large illustration of the UWI Mona Western Jamaica Campus, showing a modern building complex on a hillside with a large green lawn and a winding road. Below the illustration is the coat of arms of Jamaica, which includes a bird (a pelican) perched on a shield with a red and yellow design, flanked by two blue figures. Below the coat of arms, the text reads:

Home of  
**UWI MONA**  
Western Jamaica Campus

Visit: [www.uwimona.edu.jm](http://www.uwimona.edu.jm) or call: 940-4349

# WESTERN JAMAICA CAMPUS

## Montego Bay

Year ending July 31, 2013



LUZ LONGSWORTH

BA, MBA *UWI*, MA *Queens*, DBA *Bath*

Campus Director

# – Overview –

## **INTRODUCTION**

The academic year 2012/2013 was a transition year for the Western Jamaica Campus. Dr. Luz Longworth assumed the role of Director of the WJC with the mandate to continue the work started in expanding the programme offerings and enhancing the University's presence in Montego Bay as the leading tertiary institution. The campus also took the decision to forge more deliberate partnerships with the Private Sector in Montego Bay through its involvement with the Montego Bay Chamber of Commerce and Industry as well as the Business Process Industry Association of Jamaica. In addition the campus ensured that all staff and students became fully involved with the Operational Planning process in fulfilment of the UWI's 2012–2017 Strategic Plan. The following sections briefly indicate the activities and achievements of the Western Jamaica Campus (WJC) over the period under review.

## **WORK OF THE WJC**

### **Strategic and Operational Planning**

During the period under review, staff members were involved in workshops and retreats which were aimed at familiarising all staff with the 2012–2017 strategic plan. The WJC 2012–2014 Operational Plan was produced after a staff retreat in November 2012 facilitated by Ms. Marguerite Orane.

In May and June 2013 the Senior Management Team of the Mona Campus led by Principal Gordon Shirley met over two days to chart the course forward for the Western Jamaica Campus. The outcome of these meetings will be implemented in the 2013–2014 Academic year and will see the campus embarking on innovative programming, increased authority over local processes in order to improve responsiveness to students and staff, and some infrastructural improvement of the existing site.

**Formation of the WJC Ambassador Corps.**

As part of their CARIMAC Public Relations course, a group of students worked closely with the Director and staff of the WJC to develop a WJC Ambassador Corps. The Corps consists of 12 outstanding members of the community in Western Jamaica who have pledged to assist in the growth of the Campus through support for recruitment, scholarships and fund-raising.

**Student Enrollment**

The WJC student body was 805 students inclusive of students enrolled in the Mona School of Business and Management graduation programmes. (see Table 1 below).

**Table 1.** Registered Students 2012/2013 (Undergraduate and Graduate Programmes)

Faculty	Registered Students
Humanities and Education	105
Law	17
Medical Sciences	145
Science and Technology	5
Social Sciences	475
Graduate Programmes	58
<b>Total</b>	<b>805</b>

### **GRADUATING CLASS OF 2013**

One Hundred and Thirty (130) students from the WJC were expected to graduate in November 2013, fifteen (15) of whom would be graduating with first class honours. This is the largest graduating class from WJC since its inception in 2008.

### **THE WJC BRANCH LIBRARY**

The WJC Branch Library embarked on a major thrust to ensure that as many persons as possible were reached by our information literacy initiatives. UWILINC sessions were scheduled twice per day to accommodate both full and part-time students for two weeks at the beginning of each semester. While a number of students took advantage of this opportunity to learn about the Library resources, more than 50 percent of those who signed up ahead of time failed to show despite telephone and/or email reminders. We were also challenged with finding training areas to accommodate the Library sessions as we had to rely on the general campus computer lab which was often scheduled for other class activities. Sometimes we were forced to hold training sessions in the Library thereby displacing other users. A total of 435 students were trained during the year across 57 hours of scheduled library sessions and foundation course models. This is a 75 per cent increase in the number of persons receiving training in information literacy the previous year up from 249 persons trained over 18 hours.

### **PAPERS PRESENTED**

Dennis, Denarto. "Techniques in the teaching of Mathematics: transforming the Jamaican educational system," Jamaica Association of Principals and Vice Principals Annual Conference, February 27, 2013.



## **PUBLICATIONS**

**Anderson, R.**, Mansingh, G., “An intelligence based knowledge-driven decision support system for Social Protection programmes,” SIG DSS Proceedings of the third BI Congress, ICIS 2012, Orlando Florida, December 2012.

**Campbell, S.R.K.**, (2013). “Thou shalt not be black: The subjugation of Negroes in the Caribbean through Christianity.” *International Journal of Education and Research*, 1 (4) April, 215–228

## **PUBLIC LECTURES AND OUTREACH**

In order to raise the profile of the UWI in the community, the campus embarked on an ambitious public outreach campaign in Academic year 2012/2013. This saw several public lectures, panel discussions and cultural events taking place including:

- Panel discussion on “Language in Jamaica” led by Professor Hubert Devonish
- CARIMAC Panel Discussion and Public Lecture “The Impact of Coral Gardens: Lessons in Police-Citizens Relations and the Way Forward”, Keynote Speaker – Mr. Hugh Small QC.
- Launch of the first WJC Heritage Month Celebrations, October 2012.
- Panel Discussion “Liberators Rising from the West: Sam Sharpe, Marcus Garvey and Rastafari” featuring presentations from Professor Verene Shepherd, Dr. Daive Dunkley and Ms. Nicole Plummer.
- Public Lecture on “Jamaica’s Music Festivals rising from the West” by Dr. Donna Hope Marquis.
- Public Lecture celebrating Parents’ Month “Engaging parents and families in early childhood development programs,” by Dr. Carmen Bovell, Visiting Fulbright Scholar, School of Education, UWI Mona Campus

- Book Launches of “Ringtones of Opportunity” edited by Professor Hopeton Dunn; and “Better Men are made by Women” by Mr. Patrick Parchment
- Public Screening of the documentaries “Bob Marley: The Making of a Legend” and “Bad Friday”
- Hosting of the Jamaica Folk Singers in Concert to raise funds for the WJC student Financial Assistance Fund
- Hosting of the first WJC week including two days of Open House involving presentations, lectures and seminars for High School students

## **THE STUDENT EXPERIENCE**

2012/2013 was an extremely active year for the WJC Guild Committee. Along with the OSSD the new Guild Committee worked assiduously to ensure that students had the benefit of a wide array of co-curricular activities including over 12 different sports. The WJC sporting teams were quite successful and scored victories in the inter-hall football and basketball competitions in both male and female categories.

Students continued to benefit from participation in the First Year Experience and Mentorship Programmes.

## **Enhanced Teaching and Learning**

### **New Programmes**

The Bachelors in Law LLB programme was re-introduced at the Western Jamaica Campus with seventeen students enrolled. The programme relied on streamed lectures from Mona as well as on site tutorials from Ms. Coleen Lewis who was assigned to the WJC on a full time basis. Students completed Level 1 of the LLB programme at the WJC and moved up to Mona for the second and third years.

The BSc Information Technology was also introduced in the academic year but due to late marketing attracted only 3 students in the programme. Nevertheless several other students chose to do courses as electives from

the degree programme. The campus welcomed Mr. Ricardo Anderson from the Department of Computing as Coordinator of the BSC IT programme.

The introduction of the BSc in Human Resource Management at the Western Jamaica Campus was enthusiastically greeted by many students of Management Studies as this is a growing field especially in Western Jamaica.

### **Internships**

This year saw an increase in internships with students doing internships in several organisations in the Montego Bay community. These included

- o Sandals Resort International
- o Vista Print
- o Montego Bay Credit Union
- o Summerfest Productions Limited (Reggae Sumfest)
- o Island Outsourcers
- o MBJ Airports Limited
- o KPMG

### **Community Outreach**

Students continued to be very involved in community outreach including the following:

- Feed the Streets programme which involved the feeding of over 200 street people before Christmas
- Labour Day project which involved painting and landscaping of Farm Primary and Junior High
- St. James Infirmary residents treat
- Social skills programme for children in central Montego Bay
- Participation in the Granville Community Peace and Justice Forum
- Flanker Outreach programme to the elderly

### **Contribution to Enhancing the reach and reputation of the UWI in Western Jamaica**

The Public Relations students of CARIMAC presented their annual Expo with this year's theme "Securing A Nation . . . Sustaining our Future One Step at a Time" on November 28 and 29, 2012. The Expo focused on matters of cybercrimes, the anti-scramming legislation and was attended by over 300 persons from the business community and schools in Western Jamaica.

The Western Jamaica Campus was recognised by the Montego Bay Chamber of Commerce and Industry through the Chamber's Education Award for 2012. This honour clearly indicated the UWI Mona Campus' growth and development in the West over the past five years. This was further reinforced by the election of the Director, Dr. Luz Longworth to the Board of Directors of the Montego Bay Chamber of Commerce for 2013–2014.

### **Financial Assistance to Students**

Due to the deepening financial crisis, the WJC has actively begun fund raising activities to establish a Student Financial Assistance Fund. Through various fund raising activities and the individual effort of one of our final year students, Ms. Janet Silvera, at the end of the academic year the fund had accumulated \$700,000.00 and a committee was set up to review requests for assistance from students. The Committee is chaired by Dr. Cheryl Bennett, Senior Lecturer, Faculty of Medical Sciences, WJC.

### **INCOME GENERATING ACTIVITIES**

The WJC is increasingly becoming the venue of choice for seminars, lectures, external examinations etc. This has resulted in revenue generation from rental of the facilities to bodies such as the Overseas Examination Office, The Nursing Council of Jamaica, the Ministry of Education, among others.

Additionally the Campus piloted a 13 week Beginners Spanish programme for the Secrets Hotel and Resorts in which 30 employees of the Resort enrolled.

## **SUMMARY**

The University of the West Indies, Mona Western Jamaica continues to expand its presence in Western Jamaica and to establish a position of leadership in the tertiary landscape. The challenges of growth include the need to develop programmes that will be more relevant to the key developmental areas in the West, as well as increasing the number of graduate programmes offered at the Campus. The WJC should continue to focus on its technological edge and to enhancing the use of video streaming and other technologies to offer a wide range of programmes and courses to Western Jamaica.

As the numbers grow, it will be important to increase the number of full time staff on the campus to ensure that the students have the benefit of more academic advisement from lecturers. In addition, a research agenda for the faculty members at the Campus is an area that will require more focus in the 2013/2014 academic year. With increasing competition in the delivery of undergraduate degrees in Western Jamaica, the UWI Mona's strength in research and graduate programmes will be the centre of its strategy for growth in that region.