



*The University
of the
West Indies*

*Departmental Reports
Mona
2011-2012*

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THE UNIVERSITY OF THE WEST INDIES
DEPARTMENTAL REPORTS
CAMPUS COUNCIL, MONA AND TO COUNCIL
FOR YEAR ENDING JULY 31, 2012

	<i>Page</i>
THE LIBRARY, MONA	1
<i>Overview</i>	2
FACULTY OF HUMANITIES AND EDUCATION	26
<i>Dean's Overview</i>	27
Caribbean Institute of Media and Communication (CARIMAC)	39
Department of History and Archaeology	47
Department of Language, Linguistics & Philosophy	62
Department of Library and Information Studies	75
Department of Literatures in English	91
Department of Modern Languages and Literatures	105
School of Education	119
FACULTY OF LAW	137
<i>Dean's Overview</i>	138
FACULTY OF MEDICAL SCIENCES	148
<i>Dean's Overview</i>	149
Department of Basic Medical Sciences	159
Department of Child Health	175
Department of Community Health & Psychiatry	194
Department of Medicine	219
Department of Microbiology	231

Department of Obstetrics & Gynaecology	237
Department of Pathology	248
Department of Surgery, Radiology, Anaesthetics & Intensive Care	263
The UWI School of Nursing	293
FACULTY OF PURE & APPLIED SCIENCES.	302
<i>Dean's Overview.</i>	303
Department of Chemistry	314
Department of Computing	332
Department of Geography & Geology	338
Department of Life Sciences	353
Department of Mathematics	379
Department of Physics.	388
FACULTY OF SOCIAL SCIENCES	398
<i>Dean's Overview.</i>	399
Department of Economics	407
Department of Government	418
Department of Management Studies.	434
Department of Sociology, Psychology & Social Work.	447
INSTITUTE & RESEARCH CENTRES.	459
Caribbean Institute of Mental Health & Substance Abuse (CARIMENSA)	460
Earthquake Unit.	466
Electron Microscopy Unit	475
Institute of Caribbean Studies	478
Institute of Gender & Development Studies (MCU).	484
Institute of Gender & Development Studies (RCU)	494

International Centre for Environment & Nuclear Sciences (ICENS)	510
Mona School of Business	524
Sir Arthur Lewis Institute of Social & Economic Studies (SALISES).....	545
The Biotechnology Centre.....	567
The Hugh Wynter Fertility Management Unit	574
The Natural Products Institute	580
Tropical Medicine Research Institute (TMRI)	585
 WESTERN JAMAICA CAMPUS	 608
<i>Overview</i>	609

FACULTY OF HUMANITIES AND EDUCATION

MONA

Year ending July 31, 2012



Professor Waibinte Elekima Wariboko, BA *Port Harcourt-Nigeria*,
MA *Ibadan-Nigeria*, PhD *Birm* – Acting Dean

Overview

To sustain competitiveness in a globally dynamic tertiary educational environment, and to also produce culturally sensitive work-ready graduates for a rapidly changing global marketplace, the Faculty of Humanities and Education strove for excellence, innovation and transformation in the following very critical areas that underscore the overall position of the University of the West Indies as a globally competitive tertiary education provider in the Caribbean: nurturing a student-centered learning environment; promoting the use of ICT in teaching delivery to enhance the learning experience at both the undergraduate and graduate levels; fostering a culture of routine curriculum review while also designing, whenever necessary and appropriate, scholastically current and relevant new courses and programs; undertaking research for the general advancement of scholarship as well as for cultural and socioeconomic development; motivating faculty to contribute to nation-building through public service and regional outreach activities; and forming institutional linkages with international partners for mutually rewarding research, teaching and learning engagements. Our endeavors and achievements during this academic year represent a thread of continuity with the recent past, and are fully expressive of our commitment to fulfill the University's strategic goals and objectives. These endeavors and achievements, structured around the theme of teaching and learning, are equally expressive of our robust determination to demonstrate the relevance of the Faculty's academic offerings and research outputs to the advancement of the Caribbean, and humanity generally, in the twenty-first century.

Teaching and Learning: Curriculum Review and Design in Undergraduate Offerings

Several existing courses, drawn across the various Departments and disciplines, were reviewed by the Faculty's Quality Assurance Committee for, among other things, their bibliographical and thematic currencies, teaching and assessment methodologies, and measurable learning outcomes. Thus, for example, the following courses from the Department of History and Archaeology were reassessed and approved during the year in review: *Politics and Society in Europe since 1945* (HIST 2406), *War and Conflict in Europe 1870-1945* (HIST2405), and *Continuity and Change in Early Modern Europe Since the 1930* (HIST1407). In addition to these routine reviews, every Department sought to enrich and enhance its offerings by introducing new courses that are intellectually sound, market responsive, as well as being culturally relevant to the Caribbean society. These two examples, drawn from the Institute of Caribbean Studies (ICS) are quite instructive: *The Production of Popular Music* (MUSC 3001), and *Recorded Sound in Jamaican Popular Music* (MUSC 2002). The Department of Literatures in English also added these new courses to its curriculum: *Reggae Films: Screening Jamaica* (LITS 2806), and *Popular Film and Ideology* (LITS 3806). These new courses, and others, will eventually form the basis for a proposed Minor in Film Studies to be launched by the Department before very long in collaboration with the institute of Caribbean Studies and the Department of Modern Languages and Literatures.

Interdepartmental collaboration, which draws on available resources across disciplines within the Faculty, is being emphasized to enhance the employability of our graduates while also maximizing available scarce resources. The humanities-based departments are now operating many joint programs with the School of Education. There is the joint BA program in Literature and Language Education operated by the Department of Literatures in English and the School of Education. The Faculty, in addition, has recorded some achievements through inter-Faculty collaboration in recent times. Those in the BA History Major program can now elect to do a Minor in Law from 2012/13. This program follows an earlier collaborative endeavor that has allowed those in the same program to do a Minor in International Relations from the Faculty of

Social Sciences. Plans are also quite advanced to enable students in Tourism Management, which is delivered through the Management Studies Department, to take up courses in Heritage Studies delivered through the Department of History and Archaeology.

On top of all these the Faculty, through the pertinent Departments, sponsored two key curriculum development initiatives that could be of immense transformational value across the entire University of the West Indies. The Faculty, like the other Faculties across the entire University, has been concerned about the communicative competencies of our students and graduates. The Department of Language, Linguistics and Philosophy, with support from the Mona Campus Principal, Professor Gordon Shirley, and the Faculty's Quality Assurance Committee, has successfully put forward a proposal, the "Communicative Competencies Proposal," aimed at addressing this problem. This proposal, which has received broad support from the Academic Boards of all the four Campuses, was also approved by the Board for Undergraduate Studies (BUS) for implementation in the next academic year. The Department of Modern Languages and Literatures also put forward an initiative to allow students to select a foreign language course as an alternative Foundation Course. This initiative, "Expanding the Teaching of Foreign Languages in the UWI," was overwhelmingly endorsed by the other Faculties, and also approved by BUS, because of its perceived significance for graduates who might have to operate and compete for jobs in multi-lingual global marketplaces.

The Department of Library and Information Studies, under the auspices of the Board of Undergraduate Studies, went through an external quality review exercise from February 20-24, 2012. In preparation for that exercise the Department undertook an extensive self-assessment of its academic programs, teaching staff and research agenda, among other things. The external review team, which was led by Professor Vicki Gregory of the University of South Florida in the United States, recommended the merging of the two masters programs currently delivered by the Department, including the introduction of a doctoral program to promote research activities among staff and graduate students.

The team also expressed “concern with the increasing difficulty in recruiting students due to increased competition” from other tertiary education providers within and outside of the country. This is an explicit call for the Department to be more competitive in order to remain viable. The Philosophy Unit within the Department of Language, Linguistics and Philosophy also went through a similar external quality review led by Professor Charles Mills of Northwestern University, Michigan, USA. Whilst acknowledging the achievements of the Unit, given its limited resources and constraints, the review team strongly drew attention to the consequences of inadequate staffing for quality teaching and graduate research supervision. As they put it: “[T]he programme is approaching (if it is not already there) a crisis point, where it is either going to collapse altogether or at least fall seriously below the standards of quality appropriate for an institution with an international reputation like UWI. This danger is most clearly manifest in the graduate programmes, but it is likely to affect the undergraduate programme also.” These internal and external quality control exercises, by highlighting those areas that require strengthening, have contributed immensely to the overall process of curriculum management and standardization as we seek to preserve the UWI’s reputation as a globally competitive provider of tertiary education in the Caribbean.

Teaching and Learning: Curriculum Review and Design in Postgraduate Offerings

The Faculty’s subcommittee, among other things, is responsible for the vetting of new graduate courses and programs before their submission to the Board for Graduate Studies and Research through the Campus Office of Graduate Studies and Research. At the request of the latter, the Faculty’s subcommittee considered and endorsed two proposals intended to enhance quality control in graduate studies: an “Independent Reading/Research Course (RETH 9007),” and the exclusion of supervisors from examining theses submitted by their supervisees. On the request of the School of Education, the subcommittee also considered and recommended the following programs to the Campus Office of Graduate

Studies and Research for approval: M.ED in Principalship, and a Masters in Teaching with Music Option.

In addition to vetting new courses and programs, all preexisting graduate programs across departments and disciplines are also subjected to periodic mandatory reviews by the subcommittee for intellectual currency and relevance. The need for these mandatory periodic reviews was recently heightened by the insistence of the Board for Graduate Studies and Research that all taught graduate programs must have a minimum of 36 credits. The Department of History and Archaeology, working in conjunction with the subcommittee, has revised both the MA Heritage Studies Program as well as the MA History Program to achieve the required credit weighting.

The Faculty continued its age-old annual practice of organizing workshops targeted specifically at addressing problems in the learning, research supervision, and thesis writing experiences of postgraduate students. The net benefit of this practice has resulted in a steady increase in the throughput rate since 2009. During the academic year under review ten (10) PhD candidates submitted their dissertations for examination. Without exception the various Departments, through the weekly staff/postgraduate seminars and other out-of-classroom learning activities, also contributed immensely to the experiences of postgraduate students within the Faculty. The School of Education, just to take one example, organized two seminars specifically for Year One M.ED students on “Induction into Postgraduate Scholarship with a Focus on Writing.” These seminars were intended, among other things, to introduce the various academic and social components, including time-management skills, needed for success in a graduate program. Finally, graduate students across disciplines and departments were encouraged and financially assisted to attend local and overseas conferences with a view to enriching their research and academic writing experiences.

Teaching and Learning: Improvements to the ICT Infrastructure and the Learning Environment

Available evidence, drawn from students' assessment of courses and the pedagogical skills of academic staff, indicates that the Faculty's reputation for high quality teaching is being maintained. In the students' assessment exercises, conducted during the first and second semesters of this academic year, about 80 percent of academic faculty had scored an enviable average of 4 on a 5 point rating scale. This achievement, which is in sync with one of the strategic goals of the Faculty to become an example for best practices in the teaching and learning process within the Mona Campus, entailed investing in two key areas. First, colleagues were encouraged and facilitated to take advantage of the training sessions put on by the Instructional Development Unit (IDU) to sharpen and update their pedagogical skills using up-to-date e-learning technologies. Secondly, in order to accelerate the process of using multimode and multisite deliveries to suit the varying needs of our local, regional and international clientele, we successfully constructed and launched a video and teleconferencing center. That facility, including the Faculty's existing network infrastructure, had to be protected from damages due to power outages and lightning storms by being connected to "a 3KVA UPS with extended battery module and TVSS." These improvements – the conference center and the "UPS solution" – constitute a tremendous boost to the pool of technological resources for teaching and learning, including related administrative support services, within the Faculty.

Finally, aside from annually refurbishing the existing physical plant to enhance its aesthetic appeal, two things were added to the learning environment outside of the classroom to make it more user-friendly and inviting. First, directional signs were constructed and put in place to facilitate those seeking to access the various teaching and learning venues, including staff and administrative offices. Secondly, through the assistance of the India High Commission in Kingston, the statue of Mahatma Gandhi has been added to the pieces of iconic sculptures that adorn the Faculty's quadrangle. This statue, given the iconoclastic values that Gandhi represented both within India and globally, is indeed a

symbolically befitting addition to the Faculty that seeks to promote scholarship grounded in critical thinking.

Teaching and Learning: Research, Conferences, and Key Publications

Mona Campus Funded Research

It is one of our key objectives to increase the use of research outputs for the development of new courses and programs as well as curriculum review and reform. The Faculty, through the various Departments, is therefore committed to building and sustaining an enabling environment to support, foster and increase quality research and innovation among faculty working individually or in groups. The following colleagues, during the year under review, secured grants from the Mona Campus Fellowship Committee, or the New Initiative Grant Committee, to undertake research.

Dr Monica Taylor	Department of Language, Linguistics and Philosophy	The Role of Writing in National Development: A survey of the Use and Impact of Writing in the Public and Private Sectors in Jamaica
Dr Donna Hope	Institute of Caribbean Studies	Strengthening Jamaica’s Cultural and Creative Industries: A Case Study
Dr Stephen Lenik	Department of History and Archaeology	Feasibility of Handheld X-ray Fluorescence and Gamma Ray Spectrometry as Non-Destructive Techniques for Identifying Construction Phases of Concrete Buildings
Dr Yee Han Joong	School of Education	Integration of Environmental Education in Mathematics and English language in Jamaican Schools
Dr Deon Edwards-Kerr	School of Education	An Evaluation of the Impacts of Interventions Related to Safety, Security and Violence in Jamaican Schools

Regarding group or collaborative research, the School of Education is leading the way in the Faculty. Within its current revised organizational structure, for example, colleagues have been grouped into four discipline-based research and teaching clusters: communication and arts,

foundation of teaching and learning, science and technology, and social science education, leadership and policy. These groups, over time, are expected to be the main drivers of problem-solving research agendas in education. Dr. Deon Edwards-Kerr, it is instructive to note, competed for the Mona Campus research grant under the auspices of one of these clusters.

Conferences, Symposia, and Lectures

In addition to attending and presenting papers locally and internationally on invitation, the Faculty, as indicated by the few examples given below, hosted numerous public lectures, seminars, symposia and conferences through the various Departments that attracted participants from far and wide.

School of Education	UWI/UNESCO Caribbean Conference on TVET, March 7-9, 2012 at Montego Bay, One significant outcome, with policy implications for the development of TVET, was the “Montego Bay Declaration on TVET in the Caribbean.”
Department of Literatures in English	Earl Lovelace, “Reclaiming Rebellion,” 13th Nov., 2011, Center for the Creative Arts, Mona Campus. This was the 5th Edward Baugh Distinguished Lecture.
Department of History and Archaeology	Emeritus Professor Carl Campbell, “The Education Landscapes of the Greater Antilles (Cuba, Puerto Rico, the Dominican Republic, Haiti and Jamaica) in Historical Perspective,” 27th March, 2012, Center for the Creative Arts, Mona Campus. This was the 27th Annual Elsa Goveia Memorial Lecture.
Department of Language, Linguistics and Philosophy	Professor Charles Mills, “Racial Justice,” 24th Nov., 2011, at the New Education Lecture Theatre. Mona Campus. This was a public lecture.
Department of Library and Information Studies Library and Information Studies & The Library and Information Association of Jamaica (LIAJA)	Professor Vicki Gregory, “Library and Information Science Education and its Changing Nature,” 23rd February, 2012, Multifunctional Room of the Mona Campus Library. This was a public Lecture. The IASL 40th Annual Conference & 15th International Forum on Research in School Librarianship, August 7-11, 2011, Mona Campus.

Caribbean Institute of Media and Communication (CARIMAC)	Mr. Mike Fennell, “Media and National Development,” Undercroft-Senate Building, Mona Campus. This was the 2nd CARIMAC/Aggrey Brown Distinguished Lecture.
Department of Modern Languages and Literatures	Professor Antonio Tillis, “‘Everybody can Cross it’: Border Crossing and the Study of Foreign Languages,” 25th Nov., 2011, Neville Hall Lecture Theatre, Mona Campus. This was a public lecture.
Institute of Caribbean Studies (ICS)	Professor Mike Alleyne, “For the Record: Bob Marley’s Island Albums and the 40th Anniversary of ‘Catch a Fire,’” 16th February, 2012, Neville Hall Lecture Theatre, Mona Campus. This was the 15th Annual Bob Marley Lecture.

The vibrant intellectual culture within the Faculty, as demonstrated by these conferences, lectures and symposia, was further energized and nourished with the elevation of two colleagues, Drs Beverley Bryan and Veront Satchell, to the rank of full Professorship in recognition of their research outputs, including teaching, and other contributions to the University and the wider society. An inaugural professorial lecture - “English is an Arena not a Subject: Language, Teaching and Learning in Post-Independence Jamaica” – has since be given by Dr. Bryan to further highlight her theoretical contributions to the scholarly debate on language teaching and learning in a Creole-speaking environment such as Jamaica.

Select Publications/ Awards

The publications here represent just a small sample of what was actually produced by colleagues across the various disciplines and Departments in the Faculty. Aside from the first item listed below, the rest had won prizes at the Mona Research Day Award Ceremony in January, 2012.

- Professor Veront Satchell, Hope Transformed: A Historical Sketch of the Hope Landscape, St Andrew, Jamaica, 1660-1960 (Kingston: University of the West Indies Press, 2012)
- Professor Beverley Bryan received the Principal’s Award for the Best Book Publication in the Faculty entitled Between Two Grammars: Language Learning and Teaching in a Creole-Speaking Context (Kingston: Ian Randle Publishers, 2010)

- Drs Matthew Smith and Maiti Villoria, who tied on points during the scoring of their respective articles, received the Principal's Award for Best Article in the Faculty. These are their respective titles: D. Smith, "H.G. and Haiti: An Analysis of Herbert G. DeLisser's Land of Revolutions," *Journal of Caribbean History*, 44:2 (2010) 1-18; and M. Villoria, "Columbia's Drug Trafficking Subculture: Its Literary Representation in *La Virgen de Los Sicarios* and *Rosario Tijeras*."

National and Regional Engagement through Public Service

The Faculty, through the expert skills and specializations available to it, has been contributing to the development of public institutions of national import outside of the University. These are some public institutions that benefited from the expertise of staff drawn from the Faculty during the year under review:

- National Council on Education (Jamaica)
- Jamaica Teaching Council
- Board of the University of Jamaica
- Jamaica Library Board
- Jamaican Office of Disaster Management
- Caribbean Disaster Emergency Management Agency

The School of Education, through the SMIT (Science, Mathematics and Information Technology Center), expanded the "Mathematics Problem Solving Competition," which was usually organized for grade 9 students, to include two other problem solving competitions: "Productivity Tools" for grade 10, and "Computer Programming" for grade 11. Over 30 schools registered for the first, while the latter two recorded 10 and 12 entries, respectively. The School of Education, to secure prizes for all three competitions, partnered with the IT Company, Digicel of Jamaica. As an extension of the same public outreach thrust, that is calculated at promoting teaching and learning in the nation's secondary schools, the

Departments of Modern Languages and Literatures, History and Archaeology, and Literatures in English, organized workshops at different times to assist students preparing for the Caribbean Advanced Proficiency Examination (CAPE). Each of these workshops attracted over 200 participants across Jamaica. On top of all this colleagues in the Faculty have continued to render public service to the Caribbean Examination Council in two main areas: as examiners on Subject Panels in the Council's CSEC and CAPE examinations, and as Chief or Assistant Chief Examiners in their respective disciplines.

International Partnerships

The Faculty, through the various Departments, has always sought to enrich the process of research, teaching and learning through negotiated partnerships and linkages with other universities and institutions of higher learning across the globe. During the academic year under review the following accomplishments were recorded under the ongoing five-year collaborative agreement between the School of Education and the University of Reading in the United Kingdom.

- As part of a six-week study-visit to the UWI, Dr Geoff Tennant, Senior Lecturer at the University of Reading, conducted workshops for graduate students in the Mathematics Education program. Thereafter, in conjunction with another colleague in the School of Education, Dr Yee Han Joong, another workshop for Mathematics teachers in the Montego Bay region of Jamaica was also conducted.
- In the aftermath of that visit the Principal of the Mona Campus funded two graduate students from the School of Education – one from Mathematics and the other from Science – on a study-tour to the University of Reading in June 2012.

The Department of Literatures in English is also a beneficiary of an ongoing Staff Exchange Program with a sister department at the Malmo University, USA. However, because it is going to expire at the end of the 2012/13 academic year, both departments have started to negotiate “new

modes of collaboration to replace the existing one.” Under that Program Drs Asko Kauppinen and Petra Ragnestam visited the Department from April 12-22, 2012. Finally, the existing collaboration between the Department of Library and Information Studies and UNESCO/UNITWIN has enabled the former to continue its role as coordinator of the “UWI’s initiative in the Media and Information Intercultural Dialogue.”

CARIBBEAN INSTITUTE OF MEDIA AND COMMUNICATION (CARIMAC)

Canute James, BA, PhD UWI - Director

WORK OF THE DEPARTMENT

CARIMAC's work and achievements for the Academic Year 2011/2012 were centered on the conclusion of the first phase of the reform and upgrading of its undergraduate curricula. This was related to efforts to meet the University's mandate to the Institute to "reposition" itself as a regional centre of excellence for education and training in professional media and communication disciplines. The Institute continued to work towards the production of the type of graduate identified in the University's strategic plan as being "ideal."



The intention has been to continue to produce graduates who are immediately relevant to media and communication services, but who are also the beneficiaries of a "university" education that takes account of critical and analytical thinking and problem-solving skills.

The programmatic changes undertaken by the Institute supported the University's Strategic Plan to undergo "fundamental qualitative and quantitative change, transforming itself into a truly 21st century higher education academy with a global reputation for excellence."

The Institute made significant progress during the year under review in meeting these objectives by obtaining approval for new undergraduate programmes as it approached the final phase of the withdrawal of its traditional offering – a BA in Media and Communication Studies - that

was based on specialisations in six areas: Public Relations, Social Marketing, MultiMedia, Radio, Television and Print.

These changes took account of increasing convergence in media and communication services, in which graduates with discrete skills were having limited marketability in a professional environment that demands multi-skilled practitioners.

In the year under review, the Department took in its first cohort for its BA in Integrated Marketing Communication in both Kingston and Western Jamaica. The Department also took in its second cohort of its BA in Journalism, with this programme being offered only in Kingston.

The first cohort of the BA in Digital Media Production completed its final year at the Western Jamaican Campus. The Faculty of Humanities and Education requested a suspension of this programme in Kingston in the year under review, as part of an attempt to lift the intake for the programme at the Western Jamaica campus.

However, a decision was later taken to offer a minor in Digital Media Production to students who had been made offers by the University – and who accepted these offers – to pursue a major in the programme in Kingston where it was not being offered.

While concentrating on the design and offering of courses for approval, the Institute also worked on several courses which it will submit to support its new programmes in order to provide an enriched array of relevant electives for students. These will be important to meet demand that will come from an increase in student intake.

The Institute also began work during the year on updating its MA in Communication Studies. Central to this is an examination of alternative methods for delivering the research component of the programme to take account of changes that have been taking place in media and communication platforms.

The intention of the review is to ensure that the programme offers candidates attractive and relevant options in delivering research, while

maintaining the required academic and professional standards that are required for the programme.

One consequence of the modernising of the undergraduate curricula was an increase in student intake in the year under review. Traditionally, the Institute has been able to take in 15pc to 20pc of applicants who have met the University's matriculation requirements, and who listed CARIMAC as their first choice. In the year under review, undergraduate student intake in Kingston was almost doubled to 140.

The effort at curricula reform was successfully pursued during the year despite problems in identifying and accessing infrastructural resources for training and education, and against the background of the financial constraints on the University. The process will be assisted by the agreement of the University to allocate more space to the Department so it can begin to put into place the infrastructure and technological platforms to facilitate its new programmes.

The Institute completed remodelling and renovation of space identified for its dedicated computer lab, and obtained hardware and software that will be installed for use at the start of the 2012/2013 academic year.

As in the previous year, the challenge in the year under review continued to be the management of the change to ensure a smooth transition and the efficient delivery of the new offerings.

During the year under review the Graduate Programmes Unit (GPU) continued to strengthen its administrative structure and the management of its programmes. The Unit designed and implemented programmes to market its programmes - the MA in Communication Studies (CS) and the MA in Communication for Social and Behaviour Change (CSBC). There was clear success from this effort, with the January 2012 intake for CSBC at 27 – two above the Institute's target. There were also signs of significantly higher than usual interest in the Communication Studies intake scheduled for September 2012.

As part of its effort to lift the profile of the Institute and to enhance and enrich the experience of students, the Institute staged several events

through the year. For a fourth year, the Institute staged its business luncheon for final year students. The event was managed by students with guidance from members of the Institute's staff. Final year students from the Western Jamaican Campus were involved. Students who excelled in their school work were given prizes. The event in the year under review was addressed by Ms Sonia Gill, a CARIMAC graduate who is assistant resident country representative in Jamaica of the United Nations Development Programme.

For a third year, "CARIMAC Open Week" provided an opportunity for undergraduate and graduate students and staff to display the work that they have been doing and to make presentations on their research. The week's exposition continued to encourage a culture of research among students and staff, while students' work was presented to the providers of media and communication services. This led to employment opportunities for several students.

The second CARIMAC/Aggrey Brown Distinguished Lecture was presented as part of CARIMAC Open Week. The lecture was delivered by Mr Mike Fennell, president of the Jamaica Olympic Association and former president of the Commonwealth games Committee, who spoke on Media and Sports in National development.

For a second year the CARIMAC Public Lecture was staged at the Western Jamaica campus. The lecture was delivered by Dr Grace Virtue, former executive communication manager and senior writer in the Office of University Communications at Howard University in the United States.

The Institute continued its efforts to increase employment opportunities for its graduating students, and again staged a series of "exit interviews" in which managers of media and communication houses discussed with the students their course of study and their interests in media and communication. As in the previous year, several students were immediately promised employment on completing their programmes.

INCOME GENERATION

During the year under review, the Institute's business unit, Carimac.com, continued to pursue income generating projects that have contributed to research undertaken by the Institute and its staff. Eleven projects were undertaken during the year by Carimac.com, with a combined value of \$23.3m. This did not include short courses undertaken by the unit. One consequence has been a four-fold increase in sponsored research output.

With funding from UNICEF, CARIMAC conducted a recall study of the messages presented in the Caribbean Broadcast Media Partnership's three-year LIVE UP campaign. The campaign utilises popular musicians and entertainers in 53 television advertisements and 42 radio advertisements from 2007 to 2010, which were broadcast free of charge by over 100 participating media houses in 24 Caribbean territories.

Research continued on a study on the output of Jamaica's electronic media sector and the UNESCO-funded study on professional capacity building in the media industry of Jamaica. Both studies are being done by large research teams primarily comprised of CARIMAC faculty.

Work has begun on a knowledge, attitude and practices study on climate change. The survey results will contribute to the development of a national climate change communication strategy and action plan for the IDB/World Bank-funded Pilot Programme for Climate Resilience. This project is implemented by the Planning Institute of Jamaica.

The business unit also developed a course for journalists/journalism students on covering local government and issues and produced a companion manual. These activities were funded by UNDP through the Building Civil Society Capacity to Support Good Governance by Local Authorities project that was implemented by the University's Centre for Leadership and Governance.

The business unit also completed a 5-minute film for the Caribbean Coastal Area Management Foundation (C-CAM) called "Chicken and Sardines". The film will support C-CAM's thrust to raise public awareness

about the importance and value of fish sanctuaries to the livelihood fisherfolk and re-building sustainable fish stock in the country.

The business unit received a second grant from the Environmental Foundation of Jamaica to produce a 15-minute documentary on the impact of its work in the areas of Environmental Sustainability, Child Development & Survival. The documentary will be shot and edited by July. Under the first EFJ grant the business unit created other video products and marketing materials as well as provided communication support and training for the Foundation as part of its overall donor-outreach strategy.

PUBLIC SERVICE

Corinne Barnes

- Regional Coordinator, Global Media Monitoring Project
- Member, Panos Caribbean Advisory Council
- Member, board of Women’s Media Watch

Mel Blake

- Member, National Steering Committee for Digital TV Switchover, Ministry of Information and Telecommunications

Fae Ellington

- Interim Chair, Jamaica Cultural Development Commission
- Chair, Jamaica Information Service Advisory Board
- Director, Access to Information Act Tribunal
- Director, Chase Fund
- Director, St Hugh’s High School Board
- Member, e-Learning Jamaica board
- Patron, Clarendon 4H Movement
- Member, Board of Independent Actors Movement (I AM) Theatre Company

Canute James

- Member, Project Steering Committee, CSME Public Education Products

Patrick Prendergast

- Chairman, Board of Management, Essex Hall All Age School
- Lieutenant Governor, Zone 4, Optimist International Caribbean District.

Livingston White

- Member UNICEF strategy development on social/behaviour change communication. (Associated with
- Jamaica’s Education ministry, Early Childhood Commission and Rufamso
- 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 for quantitative knowledge, attitude and practice survey for the formative research and baseline evaluation
- Member, Marketing and Communications Committee, Foundation for Development of Caribbean Children

STUDENTS

Several graduating students were given awards for outstanding academic and professional work. The awards were donated by media and communication houses and by CARIMAC graduates.

RJR Communications Group Award – Shauna-Kay Battick
for Multimedia

Media Central Award for Public Relations – Jervene Simpson

- Social Marketing Graduates' Award
for Social Marketing – Ave LeBlanc
- Newstalk 97 Award for Radio – Juliet James
- Gleaner Company Award for Print
and Online – Justine Harrison
- CVM Television Award for Television – Leah Ann Jones

DEPARTMENT OF HISTORY AND ARCHAEOLOGY

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

WORK OF THE DEPARTMENT

Teaching & Curricula Developments

During the academic year 2011/12, the Department finalised the structure History Major with a Minor in Law with the Faculty of Law. A structured History Major with a Minor in International Relations is now on offer, as well as that for Journalism. Similar strategies are to be pursued involving Caribbean Economic and Business History courses with the respective Departments and Schools in the Faculty of Social Sciences. HIST3026 (H30Z):



Education and Development in the Commonwealth Caribbean Since the 1930s was offered for the first time this academic year, and all BEd History and Education students are encouraged to take this course. New courses in European History include H2405: War and Conflict in Europe, 1870-1945, and H2406: Politics and Society in Europe since 1945 were approved. A Level III European History course, Britain since 1944 was recently reviewed in the Department, and is to be fine-tuned for sending on to the Faculty sub-committee of AQAC. The Level I European History course HIST1408 (H14H) was revised to end later in the 18th century, so that there is no disconnect with the Level II course HIST2403 which begins with the French Revolution. The new course code is now HIST1407 (H14G).

During the academic year, the Department assumed responsibility of the BA in Africa and African Diaspora programme. The programme is to be reviewed with the support of other Departments on the Campus.

A major accomplishment of the Department during 2011/12 was the revision of its graduate programmes under the guidance of Dr. Aleric Josephs. Given the Board for Graduate Studies and Research mandate that all taught graduate programmes in the UWI must have a minimum total of 36 credits, the Department's review committee set about re-examining and where necessary, revising all the taught Master's courses in the MA History, MA Heritage Studies programmes. In its re-examination of the taught courses, the Committee recognised that there were three courses in the MA History programme which merited a weighting of six credits each. These courses include HIST6703: Historic Landscape; H6704: Oral History and HIST6707: Family History. HIST6712: Theory and Method was revised to increase its credit weighting to six credits. HIST6003: Historiography and Emergence of West Indian History was designed, incorporating elements from two previous three credit courses, which allowed for an increase in the credit weighting to six credits. HIST6301: State and Development in Africa and HIST6401: Crisis in Parliamentary Democracy both remain at 3 credits each. For the MA Heritage Studies programme, HIST6703 Historic Landscape and H6704: Oral History (both referred to above) and HIST6702: Artefacts, Museums and Archives and HIST6710: Audio-Visual History, because of their existing content and assessment merited an increased weighting to 6 credits. The Practicum, which had always been a part of the Heritage Studies programme, was developed into a three credit course. For the Mphil programme, students are now required to do three courses: (HIST6712 (H67L): Theory and Method of History, HIST6003 (H60C): Historiography and the Emergence of West Indian History (formerly HIST6001 and HIST6002); HIST6704 (H67D): Oral History: Values and Techniques.

Ms Laura Lee Jones, graduate student in the MA Heritage Studies programme, participated in the UNESCO Caribbean Training course in preparation of nomination dossiers for 2012-13, held 5-15 June 2012.

Dr Kathleen Franz, Director of the Public History Programme, and Dr April Shelford, both of the Department of History, American University, Washington DC, met with the Head and members of the Department who teach in the Heritage Studies programme on June 4, 2012 to discuss ways of developing collaborative links between the two Departments with respect to their respective programmes in Heritage Studies and Public History.

The Department collaborated with the Department of Physics on the Session, “Principles and Applications of portable XRF analysers: Non-destructive analysis of Cultural Heritage Artefacts and Artworks” in The International Atomic Energy Agency (IAEA) & Thermo Fisher Scientific Workshop, In-situ Applications of the X-ray and Gamma-ray Spectroscopy Techniques, held Monday, August 22, 2011; and, co-sponsored with the Department of Physics, a Public Lecture, Application of XRF Technology for the Preservation of Cultural Heritage and Artifacts, delivered by Dr Andreas Karydas, International Atomic Energy Agency (IAEA), on Thursday, August 25, 2011.

The Historical and Archaeology Society (The History Club)

The Historical 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 toured heritage sites in Lucea, and assisted with the Department’s representation at Saint Georges’s College’s Heritage Day exhibition. The Society was also well represented in the Archaeology Awareness Programme organised by the Archaeology Society of Jamaica. Nine members of the Society received certificates for outstanding performance in culture at the annual UWI, Mona student awards ceremony. Mouricia Allen, Tatiana Answer, Andrew Blair, Shenhaye Ferguson, Tonya King, Demar Ludford, Kyesha Randal, Raschid Robertson and Tamika Rowe. Oshane Robinson and Adrian Reid received awards in the category of certificate of excellence in culture. The Society was also recognized as the most improved Society.

Archaeology

Mr Ivor C. Conolley received his PhD in Archaeology with high commendation, in January 2012. His thesis, titled, “Montego Bay Pottery and Culture in Western Jamaica: Significance and Implications for Jamaican Taino Pre-History”. Conolley’s PhD is the first in Archaeology to be awarded by the University of the West Indies.

The Department through its Archaeology Section provided monitoring services on the site of the Basic Medical Sciences complex following the discovery of human skeletal remains at West Road. Dr Stephan Lenik and archaeologists from the Jamaica National Heritage Trust, conducted a recovery and examination exercise of the site, and monitored to ensure that there were no further disturbances of graves located in the area. A total of thirteen graves have so far been identified in the area, and preliminary analysis has established that these graves are associated with the 18th century Papine sugar estate once located on the Mona campus. Visiting Fulbright Scholars to the Department during the academic year included Ms Heidi Savery, and Mrs Christina Brooks, both attached to the Archaeology unit.

The Department through Archaeology students under guidance of their lecturer, Dr Stephan Lenik, collaborated with Jamaica National Heritage Trust in the excavation exercise of Fort Rocky, Port Royal, May 19-28, 2012, as part of the Field School module in the course, HIST2801: Research Methods and Techniques in Archaeology.

Social History Project

The Social History Project (SHP) continues to collect and catalogue all the oral history projects completed by students in the Heritage Studies Programme, as well as the research papers in the MA History and Heritage Studies programmes and other MA students’ A and B+ course work research papers and theses. The office is also the storehouse of a growing collection of oral interviews of Jamaica’s businessmen, which is part of a research project into the Jamaica’s Business History Since 1962, begun in January 2010, and funded by the Office of the Principal, Special Projects.

28th Annual Elsa Goveia Memorial Lecture

The Department held the 28th annual Elsa Goveia Memorial Lecture on 27 March 2012 at the Sir Phillip Sherlock Centre for the Creative Arts. Professor Emeritus Carl Campbell delivered the Lecture, titled, “The Education Landscapes of the Greater Antilles in Historical Perspective”.

Distinguished Visitors to the Department

Professor Emeritus Robert Hill gave a graduate seminar “Historical Documentary Editing: Presentation, Arrangement, and Selection”, and also a Public Lecture, “Returning Garvey to the Caribbean” March 2, 2012 in the Main Library, Multifunctional Room. Professor Hill also gave a seminar to graduate students in History on the “Principles and Practice of Historical Documentary Editing” earlier that afternoon. On 9 November 2011, the Department in association with the Haitian Studies Association hosted a Public Lecture “Haiti: Inequities and Reconstruction” delivered by Professor Claudine Michel, Department of Black Studies, University of California, Santa Barbara at the Multifunctional Room, Main Library.

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’s annual CAPE History Lecture series was held on April 14 and 21 2012, and some 200 students from High schools within and outside the corporate area participated. These included the Titchfield High, St. George’s College, Manchester high, Glenmuir High, Clarendon College, Morant Bay High, the Wolmer’s Girls, the Queen’s School, DeCarteret College, Ardenne High and the Alpha Academy. Members of staff who delivered lectures included Dr Dave Gosse, “The Virginia Rebellion of 1831”; Dr Aleric Josephs, “Ideology, and Strategies and the Causes of the Abolition Movement in Europe”; Professor Emeritus Carl Campbell,

“Independence, Assimilation in Francophone Caribbean”, Dr Khitanya Petgrave, “Causes and Consequences of the American War of Independence up to 1789”; Dr Wigmoor Francis, “Manifest Destiny and Imperial Identity in USA to 1917”; Dr Jenny Jemmott, “Gandhi and the Nationalist Movement in India”; and Dr Enrique Okenve, “South Africa: Mandela and the National Liberation Movement”. The event was coordinated by Dr Aleric Josephs assisted by Mrs Claudine Walker Robinson, Senior Secretary in the Department.

Staff Matters

Dr Stephan Lenik joined the staff as Lecturer in Archaeology as of August 1, 2011. Dr Matthew Smith’s research fellowship leave was extended to July 31, 2012. Drs Matthew Smith and Kathleen Monteith both crossed the Merit Bar in the Senior Lectureship scale to take effect as of August 1, 2012. Dr Veront Satchell was promoted to the rank of Professor of History. Dr Patrick Bryan was conferred with the title of Professor Emeritus as of October 2011, and was awarded the Commander of Distinction by the Government of Jamaica for his services to Academia. Dr Matthew Smith was awarded the Principal’s Research Award for Best Publication – Article- in the Faculty for 2010/11, for “H.G. and Haiti: An Analysis of Herbert G. DeLisser’s Land of Revolutions”, *Journal of Caribbean History*, 44:2 (2010): 1-18. Dr Sultana Afroz resigned from her position as Lecturer in History effective July 31, 2012. Mrs Claudine Walker Robinson was promoted to Senior Secretary effective August 1, 2012. Mrs Camillia Clarke Brown was appointed Senior Administrative Assistant to the Head of Department as of 1 January 2012. Ms Rudy-Ann Dennis, Temporary Clerical Assistant, resigned to take up an offer of full time employment.

PAPERS PRESENTED

Jonathan Dalby

- “A Law for the Rich and a Law for the Poor”? “Assize Court Justice and the Role of Judges in Post-Emancipation Jamaica,

1834-1865”, Staff/Graduate Seminar series, Department of History and Archaeology, the UWI, Mona, December 2, 2011, 28pp.

- “A Special Kind of Criminality”: Prosecutions in Jamaican Slave Courts, 1750-1834”, Association of Caribbean Historians Conference, Willemstad, Curacao, May 17, 2012, 25 pp.

Dave Gosse

- “Plantation Management at Worthy Park in Early Nineteenth Century Jamaica”, Staff/Graduate Seminar Series, Department of History and Archaeology, the UWI, Mona, March 16, 2012, 22pp.

Stephan Lenik

- (Co-author Mark Hauser), “Routine Violence: Settlements and the Effects of Power in Dominica, West Indies, 1650-1817”, 45th Annual Conference on Historical and Underwater Archaeology, Baltimore, Maryland, USA, January 4-8, 2012, 9 pp.
- (Co-author Gideon Singer), “The Geneva Heritage Project: Archaeology and Community Engagement”, 45th Annual Conference on Historical and Underwater Archaeology, Baltimore, Maryland, USA, January 4-8, 2012, [poster presentation].
- “Conducting an Inventory of Artifact Collections at the University of the West Indies, Mona”, 10th Annual Symposium of the Archaeological Society of Jamaica, the UWI, Mona, April 11-12, 2012, 6pp.
- “From Missionaries to Mitcham: Conflict, Space, and Resolution in Grand Bay, Dominica, 1691-2012”, 77th Annual Meeting of the Society for American Archaeology, Memphis, Tennessee, USA, April 18-22, 2012, 12 pp.

- “The Kalinago and Landscapes of Refuge: A Petroglyph Site at Grand Fond, Commonwealth of Dominica”, Archaeology and Rock Art International Congress, La Paz, Bolivia, June 25-29, 2012, 13 pp.
- “The Jesuits, Père La Valette and Issues of Allegiance in the Eighteenth-Century Atlantic World”, Staff/Graduate Seminar Series, Department of History and Archaeology, the UWI, Mona, October 28, 2011, 14 pp.

Khitanya Petgrave

- “The Politics of Education Policymakers in Jamaica, 1929-1962: An Examination of Agrarian Training Schemes on the eve of independence”, Staff/Graduate Seminar, Department of History and Archaeology, the UWI, Mona, March 23, 2012, 26 pp.

James Robertson

- ‘The Spanish Plan to Invade Georgia in 1737: The Cuban Missile Crisis of the 1730s?’ the Early Americas Seminar, De Paul University, Chicago, May 18, 2012, 38 pp.
- ‘Jamaica’s Victorian Architectures, 1834-1907,’ the Archaeological Society of Jamaica’s 10th Symposium, Main Library, the UWI, Mona, April 12, 2012, 11 pp.
- ‘The Practice of Scientific Research in Eighteenth-Century Jamaica: Local Cooperation and Contacts in Anthony Robinson’s Research,’ Staff/Graduate Seminar, Department of History and Archaeology, the UWI, Mona, October 7, 2011, 21 pp.

Veront Satchell

- “Museums Governance and Administration”, Association of African American Museums Annual Conference, Florida A&M University/Florida State University Campuses, Tallahassee, Florida, August 1-5, 2011, 10pp.

Matthew Smith

- Transient Histories: Memory and Movements within the Nineteenth Century Caribbean, Keynote Address, *Crossroads of the World—Transatlantic Interrelations in the Caribbean*, Freie Universität Berlin, July 3, 2012, 20pp.
- The Foundations of the Haitian Diaspora, the International Development Research Centre, Ottawa, Canada, October 14, 2011, 25pp.

Swithin Wilmot

- “Jewish Politicians and Black Gentiles in Jamaica: Electoral Politics in the parishes of St. Mary and Portland in the post slavery period”, 44th Annual Conference of the Association of Caribbean Historians, Willemstad, Curacao, May 14-18, 2012, 24pp.

PUBLICATIONS

Books & Monographs

Sultana Afroz

- * Elusive Yet Real: A History of Islam in Jamaica. London, UK: WAMY UK, 2012. 64pp.

Patrick Bryan

- * Kiwanis in Jamaica 1964-2009. Kingston: LMH Publishing Ltd., 2012. 189pp.

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. Xiii. 485pp.

Journal Articles & Book Chapters

Sultana Afroz

- * “The Role of Islam in the Abolition of Slavery and in the Development of British Capitalism”, *The American Journal of Islamic Social Sciences*, 29.1, 2012: Pp.1-29.
- * “The Cold War and United States Military Aid to Pakistan 1947-1960”, in Scott Gates and Kaushik Roy, Eds., Conventional Warfare in South Asia 1947 to the Present (Farnham, Eng.: Ashgate, 2011). Pp. 79-94.
- * [18 Posters] Elusive Yet Real: The Islamic Heritage of the Maroons and the Enslaved Africans in Jamaica, London, UK: WAMY UK, 2012.

Daive Dunkley

- * “Hegemony in Post-Independence Jamaica”. *Caribbean Quarterly* 57, 2 (2011): Pp.1-21.

Dave Gosse

- * [Book Review]. Equiano the African Biography of a Self Made Man. Athens, Georgia: University of Georgia Press, 2005, 417pp. *Journal of Caribbean History*, Vol. 45, No. 2, 2011: Pp. 257-259.

Stephan Lenik

- * “Carib as a Colonial Category: Comparing Ethnohistorical and Archaeological Evidence From Dominica, West Indies.” *Ethnohistory* 59, 1 (2012): pp.79-107.
- * “Mission Plantations, Space, and Social Control: Jesuits as Planters in French Caribbean Colonies and Frontiers.” *Journal of Social Archaeology* 12, 1 (2012): pp.41-61.
- * [Book Review]. Kenneth Kelly & Meredith D. Hardy eds., French Colonial Archaeology in the Southeast and Caribbean.

Gainesville: University Press of Florida, 2011. ix, 250 pp.
Caribbean Quarterly, 58, 1 (2012): pp.130-134.

Kathleen E. A. Monteith

- * “Finding Finance, Minerals and Tourists”, in Part Two of Economic Activities other than Sugar’, in K. O. Laurence (ed.), General History of the Caribbean, Volume IV, The Long Nineteenth century: Nineteenth Century Transformations (Paris &, London: UNESCO Publishing & MacMillan, 2011) pp.135-148.

James Robertson

- * The Caribbean Islands: British Trade, Settlement and Colonization, 1540s – 1780s’ in Louise A. Breen (ed.), Converging Worlds: Communities and Cultures in Colonial America (New York: Routledge, 2011), 176-248.
- * ‘Documents’ in Louise A. Breen (ed.), Converging Worlds: Communities and Cultures in Colonial America: A Sourcebook (New York: Routledge, 2011), 123-135.
- * ‘An Essay Concerning Slavery: A Mid-Eighteenth-Century Analysis from Jamaica’ *Slavery & Abolition* 33:1(2012), pp.1-21.
- * ‘Victorian restorations: reconfiguring the Cathedral in Spanish Town’ *Jamaica Journal* 33:3 (2011), pp.36-43.
- * ‘Where the Country Meets the Town: Spanish Town, Jamaica and the urban roles of an inland West Indian town’ *Journal of Caribbean History* 45:1 (2011), pp.47-74.

Veront Satchell

- * [Book Review]. Gale L. Kenny Contentious Liberties American Abolitionists in Post-Emancipation Jamaica, 1834-1866. Athens: University of Georgia, 2010. xi, 257pp. *American Historical Review*, vol 116 no. 5 (Winter 2011), pp.1542-1543.

Matthew Smith

- * In the Presence of the Past: An Afterword on Red and Black in Haiti, *Small Axe no.36* (November 2011). Pp.173-187.
- * [Book Review]. Millery Polyné. From Douglass to Duvalier: U.S. African-Americans, Haiti, and U.S. Pan Americanism, 1870-1964. Gainesville: University of Florida Press. 296pp . *Social and Economic Studies* 60:2 (2011): pp.211-215.

Swithin Wilmot

- * [Book Review]. Devon Dick. The Cross and the Machete: Native Baptists of Jamaica – Identity, Ministry and Legacy. Kingston: Ian Randle Press, 2009. 308pp. *Slavery and Abolition* Vol. 33, No. 1, March 2012, pp 185-187.
- * [Book Review]. Gale L. Kenny, Contentious Liberties: American Abolitionists in Post-Emancipation Jamaica. (Athens: University of Georgia Press, 2010). xi, 257pp. *Register of Kentucky Historical Society*, Vol. 109, Nos 3 & 4, 2011, pp. 477-479.

PUBLIC SERVICE

Daive Dunkley

- Member, Board of Directors, The Edna Manley College of Visual and Performing Arts
- Member, Academic Board, The Edna Manley College of the Visual and Performing Arts

Dave Gosse

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

Jenny Jemmott

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

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

Veront Satchell

- Member, Board of Directors, The Mico University College;
- Member, Board Lady Mico Trust
- Member, Board of Managers, The Queen’s School
- Reviews Editor, *Journal of Caribbean History*
- Member, Board of Directors, The Jamaica National Heritage Trust
- Member, Board of Directors, The Registrar General’s Department

Aleric Josephs

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

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, Executive Committee, Jamaica Historical Society
- Editor, *Jamaican Historical Review*
- Convenor, Scholarship/Grants Committee, Anglican Community University of the West Indies, Mona Chapel

Khitanya Petgrave

- Member, Review Committee, *Carib Explorer* Life & Science of the Caribbean Journal

James Robertson

- Acting President, Jamaican Historical Society
- Vice President, Archaeological Society of Jamaica
- Member, Board of Directors, Museums and Ethnography Division, the Institute of Jamaica
- Member, Board of Management Exhibition sub-committee, Natural History Museum 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
- President, Haitian Studies Association

Waibinte Wariboko

- Member, Editorial Board, Notes and Records: *An International Journal of African and African Diaspora Studies*
- *Onyoma, International Journal of Niger Delta Studies; Mbari: The International Journal of Igbo Studies*
- *The Southern Quarterly: A Journal of the Arts in the South*

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 in-:

European History:	KOATHES, Stephanie Gabrille
Archaeology:	MINOTT, Ka-Sheena Zaitor
Atlantic World History:	DAVIDSON, Monique Oliver
Historical Methodology:	MALCOLM, Norman Andre

The ILM-AL-AHASAN prizes in-:

The Asian World Prior to 1600:	COPSY, Monique Carissa-Kaye
History of Modern China:	FERGUSON, Shenhaye Cavelle
Modern Japan:	WILLIAMS, Robert Kevin
History of the Middle East:	BONAPARTE-ELIEN, Trevlyn

The Neville Hall Prize GRAY, Fernando Anthony
(History of the Americas):

The Walter Rodney Prize GREEN, Daneille Stacy-Ann
(History of Africa):

The Elsa Goveia Prize MCDERMOTT, Martina.
(West Indian History):

DEPARTMENT OF LANGUAGE, LINGUISTICS AND PHILOSOPHY

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

WORK OF THE DEPARTMENT

With responsibility for the English Language Foundation courses at UWI Mona, we are seen as the department which is to ensure that UWI graduates are able to express the knowledge of their disciplines appropriately, both orally and in written form. Recognizing that one or two stand-alone courses cannot achieve this goal, the department, through its English Language Section, developed a proposal for the enhancement of communicative competencies in the student population



across disciplinary programmes at UWI Mona. The central elements of the proposal include the return of the Mona English Language Proficiency Test to its original role as a placement test; differentiation of the English language foundation courses into distinct offerings on the basis of Faculty or discipline; and increased integration of Communication Across the Curriculum (C.A.C.) approaches in the design, delivery and assessment of disciplinary courses and the identification of courses which will benchmark communicative abilities. The proposal was discussed at, and received broad support from, all Faculty Boards at Mona and the Academic Boards of all four campuses. The Board for Undergraduate Studies approved the expansion of the English language foundation course offerings, of which pilots were designed for first delivery in 2012/2013. Through the Instructional Development Unit, members of the English Language Section carried out C.A.C. workshops; for the coming academic year, the Section will be offering further training and

expects to support the expansion of existing C.A.C. initiatives in the Faculties of Social Sciences and Science & Technology.

Another significant event was the Quality Assurance Review of the Philosophy programme, led by Professor Charles Mills, John Evans Professor of Moral and Intellectual Philosophy, North Western University, Michigan, USA, and including team members Professor Frederick Ochieng'-Odhiambo, Head, Department of History and Philosophy, UWI, Cave Hill (Internal Academic) and Rev. Clinton Chisholm, Lecturer, Caribbean Graduate School of Theology (Local Professional). The team's report and the department's response to its recommendations, were considered at the Sectional, Departmental and Faculty levels and at Academic Board.

The report concludes that the Philosophy programme is unsustainable on the current staff complement and recommends that at least two new permanent staff members be hired as soon as possible – something which, with the support of the Faculty Dean and the Campus Principal, we hope to be able to pursue in the 2012/13 academic year. Other recommendations which we have acted on or are preparing to do so, include the development of a course in Caribbean Philosophy, the development of new minors, the exploration of interdisciplinary collaboration with UTC and St.Michael's College, the development of a public/media presence, and the establishment of an undergraduate Philosophy Society, *i.a.*

The report was critical of the postgraduate programme and in particular of the lack of guidance given to postgraduate research students. This is cause for the department to look more broadly at improving its checks and balances on postgraduate supervision. Additionally, through the Jamaican Language Unit, the department continues to provide support to its postgraduate students, in the form of coaching sessions and training seminars.

The department will be delivering Caribbean Sign Language courses for students in the new Dentistry programme in the Faculty of Medical Sciences as of 2012/2013. To this end, a new course, LING2821 'Sign

Language for Medicine and Dentistry’ was developed. For the 2012/2013 academic year, the department intends to raise the visibility of and broaden the support for its Sign Language programme.

Other new courses which were successfully taken through the quality assurance processes in the faculty include LANG3003 ‘Technical Writing’ and PHIL3025 ‘Caribbean Philosophy.’

As usual, the department provided summer internships in the Jamaican Language Unit for students, aimed at helping students to develop skills in administration and research for the world of work.

Postgraduate degrees awarded

Six candidates were awarded the Master of Arts (M.A.) in English Language: Marva Clarke, Janice Julal (distinction), Caphanne March (distinction), Tishauna McMaster-Isaacs, Grace Oliphant and Ardene Nicole Reid-Virtue (distinction). The MA Linguistics was awarded to Lisa Barker. The MPhil Linguistics was awarded to Annife Campbell, Tasheny Francis, and Jodianne Scott. The PhD Linguistics was awarded to Marsha Forbes and Nicole Scott. Joseph Farquharson and Clive Forrester were also successful in their oral examinations for the PhD. The MA Philosophy was awarded to Rudolph Ellis and Ava-Loi Forbes.

It is worth mentioning that the courses in the MA English Language attract international students. During the 2011/2012 year, one exchange student from the University of Marburg participated in the programme.

Promotions, appointments, and achievements

Three members of staff were on leave for all or part of the year: Prof. Tunde Bewaji (Philosophy) and Dr. Otelemate Harry (Linguistics) received Sabbatical Leave, with Prof. Bewaji appointed Jay Newman Visiting Professor of Philosophy of Culture, 2011-2012, at Brooklyn College, CUNY, New York. Prof. Hubert Devonish was granted a National Endowment for the Humanities Visiting Fellowship at Colgate

University, Hamilton, NY, USA, for the period 29th August to 31st December 2011.

Annife Campbell, MPhil Linguistics graduate, was hired as Instructor in the English Language Section. The department welcomed as full-time temporary members of staff Dr Nicole Scott (Linguistics), Emmogene Alvaranga-Budhai (Linguistics), and David Friedell (Philosophy).

Dr. Ingrid McLaren was approved for crossing the Merit Bar in the Lecturer scale.

Keren Cumberbatch earned the PhD in Linguistics at UWI, St. Augustine.

Dr Kathryn Brodber was appointed Deputy Dean for Postgraduate Matters, while Dr Michèle Stewart continued as Associate Dean for Marketing and Outreach. Dr. Brodber retired at the end of the 2011/2012 academic year, after 33 years of service to UWI.

Dr Monica Taylor's application for a New Initiative Grant was approved for the project, "The Role of Writing in National Development: a survey of the use and impact of writing in the public and private sectors in Jamaica". The grant becomes effective in the 2012/2013 academic year.

Dr. Otemate Harry was awarded a Mona Campus Research and Publication Grant for the purchase of equipment and supplies for a project entitled, "A Study of Aspects of the Prosodic Phonology of Jamaican Creole."

Administrative Staff Matters

Three members of the department's administrative staff continued their Master's degree programmes: Karen Clarke, Shayzan McBeam and Yvette Mundy-Whyte. Shayzan McBeam, Senior Administrative Assistant, resigned from her position in the department, after six years of stellar service; Omar Anderson worked with the department during the summer period as her temporary replacement.

Marilyn Sheriff was hired as the Administrator of the new IELTS Examination Centre, which further employs about a dozen persons as part-time invigilators, clerical markers, and examiners.

The department continues its tradition of weekly Admin Meetings, which helps to channel relevant information and to streamline administrative processes in the department.

Public Events

In celebration of International Creole Day, the Jamaican Language Unit hosted a seminar on 28 October 2011, which included presentations and discussions on Jamaican Creole and other Creole languages of the region. The Unit also presented its audio-recorded translations of selected portions of the Charter of Rights into Jamaican Creole to the leader of government business A.J. Nicholson, Senator Dwight Nelson, the President of the Senate Oswald Harding, and the Secretary of Parliament Mrs Heather Cooke on International Creole Day.

In collaboration with the Quality Assurance Unit, the Department hosted a public lecture by Professor Charles Mills on “Racial Justice” on 24 November 2011 for an audience which included students of philosophy and a broad cross-section of members of the UWI community.

The Department held its annual Post-Graduate Research Day on May 10, 2012, where eight Philosophy and nine Linguistics postgraduate students presented on their work in a format which allows students to become acquainted with the procedures surrounding conference presentations, including the submission and vetting of abstracts, functioning as session chairs, etc.

The day also featured two invited speakers: Mr David Friedell, PhD Philosophy student from UCLA and temporary lecturer in Philosophy for 2011/2012, on “Abstract Objects,” and Dr Shondel Nero, Associate Professor of Teaching and Learning at New York University and visiting Fulbright Scholar, hosted jointly for the year by the School of Education and the department, on “The Importance of Caribbean Linguistic Research in the 21st Century.”

Off-site course offerings

The department performs an important role for the Tertiary Level Institutions with which the UWI maintains a relationship, through the moderation of the English Language Foundation course offerings at those institutions. During 2011/2012, the department facilitated the offering of FOUN1001 ‘English for Academic Purposes’ at Brown’s Town Community College, the Police Academy, Knox Community College, MIND, Excelsior Community College, Moneague College, and Shortwood Teachers’ College.

In addition, we facilitated the FOUN1001 offering at the Faculty of Social Science Weekend School, and at the Western Jamaica Campus, where we also continued to offer LANG3001 ‘The Art of Public Speaking’ and PHIL1003 ‘Introduction to Philosophy.’ For the 2012/2013 academic year, we expect to broaden our offerings at the Western Jamaica Campus.

Student Assessments of Teaching

Students assessed the overall teaching of the department as follows:

Assessment	Semester I	Semester II	Summer 2011/12
Lecturers’ Mean Score	4.2	4.1	4.4
Mean Score for Courses	3.7	3.6	4.2

Full-time staff members who were awarded scores of 4.5 or above on at least one assessment included, in the English Language Section, Ama Ababio, Alison Altidor-Brooks, Deidrea Dwyer, Caroline Dyche, Vivienne Harding, Haidee Heron, Dr Carmeneta Jones, Dr Vivette Milson-Whyte, Sandra Minott, Margaret Newman, Lileth O’Connor-Brown, Marilyn Ricketts; in the Linguistics Section, Dr Kathryn Brodber, Emmogene Budhai-Alvaranga, Dr Keren Cumberbatch, Prof Hubert Devonish, Prof Silvia Kouwenberg, and Dr Michèle Stewart; in the Philosophy Section, Dr Lawrence Bamikole, Sandra McCalla and Simeon Mohansingh.

PAPERS PRESENTED

- **Bamikole, L.O.** “David Hume’s Notion of Identity: Implications for Identity Construction and Affective Communal Living in Africana Societies”. Toyin Falola Annual Conference on Africa and the African Diaspora. Lagos, Nigeria, July 2-4, 2012. (14pp)
- **Bamikole, L.O.** and **S. McCalla.** “Philosophy of Tolerance and Tolerance as Philosophy: Using Philosophy for Societal Transformation in Africana Societies”. Brooklyn College Interdisciplinary Colloquium on Culture as site for Contest: Destroyed Past, Truncated Present, Dubious Future. CUNY Brooklyn College, New York, March 2-3, 2012. (20pp.)
- **Bamikole, L.O.** “Political Violence: Its Neglected Dimension.” 2011 Cave Hill Philosophy Symposium. University of the West Indies, Cave Hill Campus, Barbados, November 16-18, 2011. (15pp.)
- **Bamikole, L.O.** “Nkrumah and the Triple Heritage Thesis and Development in Africana Societies.” 2011 meeting of the Caribbean Philosophical Association. Rutgers University, New Brunswick, New Jersey, USA, September 28 – October 1, 2011. (25pp.)
- **Bewaji, J.A.I.** “Epistemicide, Epistemic Deficit, Leadership Mis-education and the Vicious Cycle of Africana Underdevelopment.” Plenary paper, 2011 meeting of the Caribbean Philosophical Association. Rutgers University, 28 September October 1, 2011. (30 pp.)
- **Bewaji, J.A.I.** “Destroyed Past, Truncated Present, Dubious Future – The Challenge of Black Identity in a Globalized World.” Distinguished Public Lecture, CUNY Brooklyn College, New York, November 2, 2011. (30 pp.)

- **Bewaji, J.A.I.** “Multiculturalism, Leadership and Development – prospects, challenges and opportunities for African societies.” CBAAC Conference, State University of Bahia (UNEB), Salvador-Bahia, Brazil, November 8-10, 2011. (30 pp.)
- **Bewaji, J.A.I.** “Culture as site for contest: tracing the stress factors in European cultural influence on the Caribbean society.” 2011 Cave Hill Philosophy Symposium. University of the West Indies, Cave Hill Campus, Barbados, November 16-18, 2011. (30 pp.)
- **Bewaji, J.A.I.** “Teaching of Philosophy at the University of the West Indies, Mona Campus.” Caribbean Philosophical Association Conference, University of the West Indies, St. Augustine Campus, July 18-21, 2012. (20 pp.)
- **Cumberbatch, K.** “The Aftermath of Research on Sign Languages in Jamaica,” International Centre for Sign Languages and Deaf Studies, University of Central Lancashire, UK, July 4, 2012.
- **Dawkins, N.** “Art imitating life: Social issues that may account for linguistic style as it relates to male identity and dominance within dancehall music”, Society for Pidgin & Creole Linguistics Conference “Traces of Contact”, August 6-8, 2011, Accra, Ghana.
- **Harry, O.G. & L.M. Hyman.** “Construction Tonology: The Case of Kalabari”. University of California, Berkeley Linguistics Forum, February 27, 2012. (7 pp.)
- **Henry, A.** “Establishing the Kromanti - Akan link: Evidence from the occurrence of phonemic /ɾ/.” Society for Pidgin & Creole Linguistics Conference “Traces of Contact”, August 6-8, 2011, Accra, Ghana.
- **Kouwenberg, S.** “Coming to terms with the end of the substratist hypothesis as we know it: The Berbice Dutch case.” [Presented in absentia.] Reassembling the Fragments. Conference

in honour of Bridget Brereton, Barbara Lalla and Ian Robertson.
August 25-27, 2011, UWI, St. Augustine. (26 slides)

- **Long, P.** “Reconciling the modern democratic society with ‘developing states’ situation: The case of Jamaica.” 2011 Cave Hill Philosophy Symposium. University of the West Indies, Cave Hill Campus, Barbados, November 16-18, 2011. (12 pp).
- **McCalla, S.** “Is There a Prima-facie Obligation to obey the law?” 2011 Cave Hill Philosophy Symposium. University of the West Indies, Cave Hill Campus, Barbados, November 16-18, 2011.
- **McLaren, I.M.** “Can we cross it? With WAC we can: Developing a model for writing intervention across disciplinary borders.” 32nd Annual Conference of the Society for Teaching and Learning in Higher Education, McGill University, Montreal, Canada, June 19-22, 2012.(13 pp).
- **Scott, N.** and S. Evans. “The African influence on TMA marking in Antillean French-lexicon Creoles.” Society for Pidgin & Creole Linguistics Conference ‘Traces of Contact’, August 6-8, 2011, Accra, Ghana.

PUBLICATIONS

Books & Monographs

- * **Kennedy, Michèle.** 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.
- * **Taylor, Monica.** Connecting the dots. Anatomy of verbal interaction in Jamaican English language classrooms. Kingston: Arawak Publishers, 2011.

Chapters in Peer-Refereed Books

- * **Bamikole, Lawrence O.** “Rastafari as Philosophy and Praxis” Rastafari in the New Millennium: A Rastafari Reader. Ed. Michael Barnett. Syracuse, NY: Syracuse University Press, 2012: 125-141.
- * **Jones, Carmeneta, and Vivette Milson-Whyte.** “Metaphors of Writing and Intersections with Jamaican Male Identity.” International Advances in Writing Research: Cultures, Places, Measures. Ed. Charles Bazerman, et al. Fort Collins, Colorado: The WAC Clearing house and Parlor Press, 2012: 267-84.
- * **Kouwenberg, Silvia** and Pieter Muysken. On the typology of clauses in Papiamentu. Continuity, divergence and convergence in language, culture and society on the ABC-Islands. Eds. Faraclas, Nicholas et al. Curaçao: Fundashon pa Planifikashon di Idioma & University of the Netherlands Antilles, 2011: 13-23.
- * **Kouwenberg, Silvia** and John Victor Singler. Pidgins, Creoles and other contact varieties. The Cambridge Handbook of Sociolinguistics. Ed. Raj Mesthrie. Cambridge: Cambridge University Press, 2011: 283-300.
- * **Kouwenberg, Silvia.** The Ijo-derived lexicon of Berbice Dutch Creole: an a-typical case of African lexical influence. Black through white: African words and calques which survived slavery in Creoles and transplanted European languages. Ed. Angela Bartens and Philip Baker. London: Battlebridge, 2012. 135-153.
- * **Kouwenberg, Silvia.** “Pidginization and Creolization.” Routledge Encyclopedia of Second Language Acquisition. Ed. Peter Robinson. Oxford & New York: Routledge, 2012. 487-490.

Refereed Journal Articles

- * **Bamikole, Lawrence O.** “Nkrumah and the Triple Heritage Thesis and Development in Africana Societies”. *International Journal of Business, Humanities and Technology* 2.2, 2012: 68-76.
- * **Bamikole, Lawrence O,** and Roxanne Burton. “Liberating the Jamaican Woman: Globalization and Cross-cultural Relativism”. *Journal of Current Discourse and Research* 3, 2011: 69-90.
- * **Harry, Otelemate G.** “Kalabari Phonology and Orthography.” *Kiabara* Supplement 3, 2012: 151-169.
- * **Kouwenberg, Silvia** et al. Linguistics in the Caribbean: Empowerment through creole language awareness [Guest Column]. *Journal of Pidgin and Creole Languages* 26.2. 2011: 387-403.
- * **McLaren, Ingrid M.** “The use of quantitative and qualitative methods in the analysis of academic achievement among undergraduates in Jamaica”. *International Journal of Research and Method in Education* 35. 2,2012: 195-216.
- * **Milson-Whyte, Vivette.** “Economies, Identities, and Perceptions of Writing: Self-Portraits and Academic Writing Performance among Jamaican Students.” *Journal of Advanced Composition (JAC)* 32.3-4 (2012):565-90.
- * **Stewart, Michèle.** “The expression of number in Jamaican Creole.” *Journal of Pidgin and Creole Languages* 26.2, 2011: 363-386.

Other Peer-Reviewed Publications

- * **Kouwenberg, Silvia.** “Caribbean Creole Languages.” *Oxford Bibliographies* in “Atlantic History”. Ed. In Chief Trevor Burnard. New York: Oxford University Press, launch date May 2012. <<http://www.oxfordbibliographies.com>>.

INCOME GENERATION

The department's application to the British Council to become the IELTS Examination Centre for Jamaica was successful; the Centre began operations the first of February 2012, and has held test sittings twice monthly. 'IELTS' is the International English Language Testing System, a Cambridge-set exam which rigorously tests English language proficiency in four modules: reading, writing, listening, speaking. The department expects to launch the Centre officially in 2012/2013, and to develop additional income-generating activities in relation to the IELTS test, such as pre-testing and preparatory teaching.

PUBLIC SERVICE/PROFESSIONAL OUTREACH

Dr Nicole Scott, whose specialization is in French-lexicon creole, taught a six-week course in Haitian Creole for ten members of the Jamaican Defence Force, with the assistance of a Haitian Creole native speaker.

Members of department sat on national and regional committees, including the National Bioethics Committee of Jamaica (Prof. Tunde Bewaji, Vice-Chairman), the Jamaica Fulbright-Humphrey Alumni Association (Dr. Vivette Milson-Whyte, Deputy Chair, Membership Committee), Archdiocesan Education Board (Dr. Michèle Stewart, Member) and the Board of Governors of the Catholic College of Mandeville (Dr. Michèle Stewart, Member).

Members of department conducted many seminars and workshops for members of the public, including the following, *i.a.*:

- a full-day seminar on Critical Thinking in the Police Officers' Training, February 2012, by Sandra McCalla.
- literacy workshops for teachers, parents and children at Rollington Town Primary School, in the Mountain View community, and at Stella Maris Preparatory School, by Dr Carmeneta Jones.

- CAPE workshops organised by Dr Michèle Stewart in her role as Associate Dean for Marketing and Outreach, conducted by members of the Linguistics Section.
- public lectures on African culture at the Jamaica Public Library Service, Kingston, and at the Spanish Town Public Library, by Dr. Lawrence Bamikole

PRIZES AWARDED

Foundation Courses:

Best Student in FOUN1001/FD10A ... (English for Academic Purposes).	Kimberly Alexis VILLIERS
Best Student in FOUN1401/FD14A ... (Writing in the Disciplines) (Tie).	Herona Daye THOMPSON Tricia Tavia WINT
Best Student in FOUN1002/UC10B ... (Language: Argument).	Mellesia Violet HARMON

Linguistics:

Best Level-I Linguistics Student ...	Rochelle Angella BRAHAM
Best Level-II Formal Linguistics Student ...	Elizabeth Anne LEVY
Best Level-II Non-Formal Linguistics Student ...	Rene Tiffanie CLARKE
Best Level-III Formal Linguistics Student ...	Honica Ornella BROWN
Best Level-III Non-Formal Linguistics Student ...	Honica Ornella BROWN
Best Graduating Linguistics Student ... (Language & Linguistics)	Tinashae Yolande HINES

Philosophy:

Best Level-I Student ...	Kehinde Oluwaseun BAMIKOLE
Best Level-II Student ...	Renee Anashay DILLION
Best Graduating Philosophy Student ...	Chrisann Tiffany BOVELL

DEPARTMENT OF LIBRARY AND INFORMATION STUDIES

Paulette Kerr, BA, MA UWI, PhD Rutgers – Head of Department

WORK OF THE DEPARTMENT

During the academic year under review the Department sought to address its mission through a number of initiatives and activities.



Strategic Plan 2011/2012

The academic year began with the setting of Strategic Objectives for the Department and the document served as the driver behind a number of activities and initiatives. Foundational to these objectives was the proposed strategic repositioning of the Department to re-orient its teaching and research programmes towards the continued development of knowledge domains in information management and information science, as well as interdisciplinary collaborations as outlined by the Campus Principal and the Dean of the Faculty of Humanities and Education.

The strategic objectives addressed core areas of the UWI Strategic Plan 2007-2012 of *Teaching and Learning*, *Graduate Studies*, *Research and Innovation* and *Outreach*. Concurrent departmental activities at the outset of the year included a brief SWOT Analysis with input from staff, undergraduate and graduate students; a benchmarking exercise to identify essential competencies and core courses offered in Library and Information Studies programmes; an extensive curriculum review process which addressed proposals made in 2010/11 and focused on new course

development, research initiatives and programmatic repositioning. Capacity strengthening of staff was also addressed in the Strategic Plan.

Teaching and Learning

Curriculum Review/Strengthening and Renewal

All programmes and courses were earmarked for reviewing to reflect current trends and development in the information industry, the library and information profession as well as teaching and learning in library and information science. Curriculum review sessions were convened for areas including:

- Management of information units
- Fieldwork/Practicum
- Information literacy

New courses developed:

Undergraduate

LIBS3604 - Teaching Information Literacy

LIBS3006 - Caribbean School and Public Libraries:
Practices and Issues

Postgraduate: To meet the new UWI credit requirements for the MALIS Programme

LIBS6504 - Integrated Library Systems

LIBS6003 - Information Literacy Instruction

LIBS6503 - Introduction to Digital Libraries

LIBS6203 - Metadata and Resource Discovery

LIBS6901 - Trends and Issues in Library and Information Work
was amended to reflect 4 credits.

New Undergraduate Programme Proposal:

UG Major in Information Management and Technology; Minor in Information Systems

As part of its objectives to begin repositioning its teaching and research programmes towards information management and information science, the Department started the development towards programmes and course offerings that emphasize the *Information* aspect of what is done in the field of Library and Information Science.

The programmes will seek to provide deep conceptual knowledge of the technical aspects of information management, including database design and implementation; web design and implementation; networking support for data acquisition and information dissemination, information architecture and information formation. The programmes will combine technical understanding of information systems with policy, management of human-technology interface and human-centered services provided by information technology.

How are these different from computer science programmes?

They integrate social aspects with technology and focus on information management while computer science focuses on programming and implementation of hardware and software.

Interdisciplinary and Institutional Collaborations

To realize objectives towards possible interdisciplinary joint programmes and addressing requests from the Dean of FHE (FHE Action Plan 2011) the following discussions were held:

- a. DLIS and CARIMAC: Dr. Paulette Kerr met with Dr. Canute James in December 2011 towards development of joint programmes between the Departments, as well as provision of access to current CARIMAC minors to DLIS students. The minor in Journalism was proposed as a possible joint programme with DLIS.

- b. The Department also met with Professor Jennings-Craig of the School of Education to discuss ways of enhancing the current BEd in School Librarianship Programme as well as the possibility of a new UG joint BEd (3-year programme) which would address the need for subject specialization of BEd (School Librarianship) students.
- c. Preliminary discussions were held with Dr. Ezra Mugisa, Head, Department of Computing towards collaboration relating to proposed UG programme in Information Management and Technology.
- d. Preliminary collaborative discussions were conducted with other departments in the Faculty towards joint majors/minors: Modern Languages; Language, Linguistics and Philosophy
- e. Discussions and meetings with representatives from the Faculty of Law and CARALL (Caribbean Association of Law Librarians) led to the development of a course on Law Librarianship to be offered in the graduate programmes. The course represents an initial input in the development of a programme in Law Librarianship.
- f. A meeting was held on March 26, 2012 with Mrs. Karen Hewitt-Kennedy Principal of Portmore Community College regarding collaborative initiatives including the offering of joint Associate Degree programmes. Mrs. Hewitt-Kennedy agreed to provide a proposal towards this end.

Board of Undergraduate Studies Quality Assurance Review

With a view to strengthening the quality of its offering and operations, the Department collaborated with the Quality Assurance Unit in conducting a Quality Review of the Department which took place from February 20-24, 2012.

The Review Team:

- Dr. Vicki Gregory, Professor, School of Information, University of South Florida, Head of the Team and former Chair of the Accreditation Committee of the American Library Association
- Mrs. Karen Barton, Senior Director, Jamaica Library Service
- Ms. Jennifer Joseph, University Librarian, UWI and Campus Librarian, St. Augustine

Self-Assessment Report

Prior to the site visit of the Team, an extensive Self-Assessment was carried out to evaluate the current state of the Department including academic programmes, teaching, research output, staffing and support for teaching. The overall aim was to examine the extent to which the agreed aims and objectives of programmes are being realized, as well as to explore initiatives for future development. The Self-Assessment Report highlighted current challenges experienced and recommendations made to address these. For developing sections of the Report, feedback was obtained via questionnaires from current students, staff, and graduates of the Department as well as employers of graduates.

Meetings of the Review Team

Meetings were held with various stakeholders including students, teaching and administrative staff, graduates and employers as well as key UWI administrative and academic staff.

Report from the Review Team

The following are some areas highlighted by the Review Team and recommendations made:

- *Curriculum*

The team adopted curriculum review proposals and suggestions made by the Department and made further recommendations for each undergraduate and postgraduate programme, including a proposal for new course in Preservation and Conservation; the

merging of the two Masters programmes with different streams; hybrid online offering of courses as well as the introduction of a doctoral programme.

- *Faculty*

The Team noted the need for replacement faculty plus two new hires, making a total of 7 full-time members. It was recommended that new Faculty hires should hold the PhD degree and come from a variety of subfields in Library and Information Science.

- *Resources for teaching and learning*

Among other areas, the Team noted the strategic location of the building as well as the fact that the Department's resources and facilities were heavily used. A recommendation was made for additional laboratory space for hands-on work beyond classroom settings, as well as the installation of a fire escape.

- *Administrative and financial support*

Experienced support staff members adequately provide essential services for the faculty and students in the Department. However the team noted the need for a full-time lab instructor to better support student learning for the various technology courses offered.

Post Review Meeting with Campus Principal

The Department hosted Professor Gordon Shirley, Mona Principal at a meeting of all staff on April 13, 2012 to discuss the future directions of the DLIS.

Graduate Studies and Research

As part of the strategic objective to strengthen and transform the research output of the Department, a number of initiatives were undertaken.

Staff/Graduate Research Seminars 2011/2012

The Department established Staff/Graduate Research Seminars during the year. The seminars were designed to provide a platform for students, faculty and other librarians to present research ideas, completed or in-progress research, in a formal and collegial manner and to get feedback about their research. A total of eleven sessions were held and 8 students made presentations. The series was organized by Dr. Paulette Stewart, Graduate Coordinator. Skype was used to enable participation of students in Barbados and Trinidad and Tobago. Two orientation seminars on research were also held for all MA/MLIS students about to begin Research Papers.

MPhil/PhD Programme

The Department redesigned its MPhil/PhD Programme which has not been promoted since its development.

International Partnerships

IASL (International Association of School Librarianship) Conference

The Department in collaboration with the Library and Information Association of Jamaica (LIAJA) hosted the IASL 40th Annual Conference & 15th International Forum on Research in School Librarianship, "*School Libraries: Empowering the 21st Century Learner*" from August 7-11, 2011. One hundred and fifty persons (150) from twenty-four (24) countries attended the Conference. Dr. Paulette Stewart Chaired the Local Organizing Committee.

St. John's University

Dr. Shari Lee of the Division of Library and Information Science (DLIS) at St. John's University in New York has started preliminary discussions with the Department towards hosting a Cultural Immersion Programme for MLIS students from St John's. The proposal being developed seeks to

create partnerships and develop exchange programmes between DLIS UWI, and DLIS St. John's.

UNESCO/MILID

The Department continues its collaboration with UNESCO/UNITWIN as coordinator of the UWI's initiatives in the Media and Information Literacy Intercultural Dialogue (MILID). Dr. Kerr represented the UWI at the MILID Meeting in Barcelona, Spain in May 2012.

Distinguished Visitors

- Mr. Michael Fiels, Executive Director of the American Library Association (ALA) – Thursday, February 2, 2012
- Delegation from Online Computer Library Centre (OCLC) – Thursday, February 16, 2012: Mr. Daniel Boivin, Executive Director of OCLC Canada, Latin America and the Caribbean and Mr. Antonio Alba, Regional Manager, OCLC
- Mrs. Liz Millman, Project Manager, Jamaica 2000 – UK: Consulted with Dr. Cherrell Shelley-Robinson regarding the Caribbean Children's Book Collection for her project on Celebrating Six Years of Jamaica and Children's Literature
- Ms. Sheila Kirven, Education Services Librarian/Associate Professor, Congressman Frank J. Guarini Library, New Jersey City University, USA: Consulted with Dr. Cherrell Shelley-Robinson regarding the West Indian Children's Literature collection for her research on Anancy - Jamaican folk hero as portrayed in children's picture books
- Mr. Hara Padhy, UNESCO's Regional Advisor in Communication and Information for the Caribbean, May 10, 2012: Met with Dr. Paulette Kerr and Prof. Fay Durrant

Departmental Retreat

The Department organized a two-day staff retreat on June 25 and 26, 2012. Day 1 facilitated a workshop for academic staff on blended and

online mode of teaching by presenters from MITS. Day 2 focused on departmental matters, with emphasis on the quality review report, curriculum review and staff and student matters.

Departmental Outreach

MAPS Workshop on Plagiarism: April 20, 2012

The Department hosted a workshop on *Avoiding Plagiarism* to the Mona Association of Postgraduate Students (MAPS). Dr. Paulette Kerr, Prof. Fay Durrant and Dr. Paulette Stewart made presentations.

Archaeological Symposium: April 11-12, 2012

Dr. Paulette Kerr chaired a session on Jamaican Museums at the Symposium on Heritage Preservation on the Eve of 'Jamaica 50', organized by the Archaeological Society of Jamaica and held in the Multifunctional Room of the Main Library.

PIOJ Exposition: April 27, 2012

Dr. Paulette Kerr chaired a panel at the Exposition and Panel Discussion on "*Libraries Contributing to National Development*", which was organized by the Planning Institute of Jamaica in celebration of Jamaica's 50th year of independence.

Promotion of the Department and Programmes

Webpage Redesign

The Department has begun a complete redesign of its webpage and three members of staff participated in Drupal Training conducted by MITS in March 2012.

Research Day 2012

The theme for Research Day 2012 "Promoting Health and Wellness: The UWI Mona's Innovative Approach" facilitated the inclusion of research on Library and Information Studies and services which are considered

vital in promoting health and wellness. DLIS participated in presenting three of the main areas put forward by the Faculty of Humanities and Education: Language as a tool; ethical issues; and healthy lifestyles.

Posters were displayed on the following:

1. Information Literacy in academic Libraries: Conceptions and Practice. *Research by Dr. Paulette Kerr*
2. Transparency and Accountability: Issues in the implementation of Access to Information legislation in the Caribbean *Research by Prof. Fay Durrant*
3. Bibliotherapy: a therapeutic experience through reading *Research by Paulette Bowen*

There was also a presentation by Dr. Paulette Stewart on:

- Bibliotherapy: a therapeutic experience through reading. *Prepared by: Kadian Chin (BA student)*

Career Exposition

Career Expo 2012 “*Mapping your future: transforming Jamaica*” was held February 23-24. Posters were displayed by the Department on the programmes offered as well as career paths in library and information studies.

40th Anniversary Celebrations

Celebrating 40 years of producing library and information professionals in the Caribbean, the Department convened a number of activities:

- Public Lecture – Dr. Hazel Bennett – The Jamaican Theatre: Highlights of the performing arts in the twentieth century: The making of the book - Nov. 22, 2011
- Public Lecture – Prof. Vicki Gregory – Library and information science education and its changing nature - Feb. 23, 2012

- ‘Reflecting and Repositioning the DLIS at 40’. Meeting of DLIS Graduates/ Library Association of Trinidad and Tobago, UWI, St Augustine. December 2011
- Church Service – University Chapel - March 25, 2012
- Meeting of Graduates - ACURIL Conference, Petion Ville, Haiti - June 7, 2012
- Benefit Performance of the University Singers - June 17, 2012 (proceeds were put towards a fund for needy students)

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 2011 to January 2012.

Date	Mean	Percentage
January 2012	3.7	74.4
September 2011	3.7	73.5

Staff Matters

The Department continues to rely heavily on adjunct faculty for teaching and academic support matters. While this Report notes that adjunct faculty went beyond the call of duty, this dependence proved extremely challenging especially in matters relating to curriculum development. Recruitment of staff to replace outstanding existing positions was addressed intensely during the year.

Number of Academic staff

Full-Time	3
Librarian	1
Adjunct lecturers	13

Teaching Achievement of the Department 2011/2012

Scores for undergraduate student assessment of teaching in the Department ranged from a mean of 4.3 to 4.1 for lecturers, and for courses 4.0 to 3.9 in Semester I and II respectively. Scores for postgraduates ranged from 4.1 to 4.3 for lecturers, and for courses 4.1 to 4.2 in Semester I and II respectively. Mr. Ramnauth Sookraj achieved a high score of 4.8 for courses LIBS1501 and LIBS2701.

Staff Seminars

Academic staff participated in a webinar on blended/hybrid learning presented by the American Society for Information Science and Technology (ASIST) on April 24, 2012. A workshop on blended and online mode presented by MITS was also held on June 25, 2012.

Staff Movements

Dr. Paulette Kerr was appointed Acting Head of Department for the period August 1, 2011 to July 31, 2012. She was reappointed for the period August 1, 2012 to July 31, 2013.

Ms. Sonia Black, Campus Records Manager, joined the staff as part-time lecturer in January 2012.

Mr. Mark-Shane Scale left in August 2011 to begin Doctoral studies at the University of Western Ontario.

Mr. Ramnauth Sookraj, lecturer, did not renew his contract with the University.

Ms. Carlene Jacobs was appointed to the post of Administrative Assistant II and commenced duties on March 1, 2012.

PAPERS PRESENTED

Fay Durrant

- “Current Trends and Best Practices”. Regional Consultation on Information and Knowledge Management: Harnessing Information and Knowledge in the CARICOM Region for Economic Development. Barbados, November 21-22, 2011.

Paulette Kerr

- “Information Literacy in Academic Libraries: Conceptions and Practice”. Annual Information Literacy Symposium. Purdue University. November 2011.
- “Evaluating Information Literacy and Tools of Practice”. Annual Information Literacy Symposium. Purdue University. November 2011.
- “Strategic Repositioning: Crossing Disciplinary, Institutional and Traditional Boundaries in LIS Education in the Caribbean”. ALISE (Association for Library and Information Science Education) Annual Conference, Dallas Texas. January 2012.
- “Media and Information Literacy: Activities and Research Initiatives at the University of the West Indies”. MILID (Media and Information Literacy Intercultural Dialogue) Annual Meeting, Universitat Autònoma de Barcelona, Barcelona, Spain. May 2012.

Paulette Stewart

- “Using Cooperative Learning and Multiple Intelligences as a Teaching Strategy”. Goshen All Age School. January 4, 2012.

PUBLICATIONS

Paulette Kerr

Refereed Book Chapter

- * “A new Model for Evaluating the Online Tutorial: Does your Tutorial Reflect your Mission.” Blazing Trails: On the Path to Information Literacy. Ed. Brad Seitz. Michigan: LOEX Press, 2011. 3-11.

Refereed Journal Article

- * “Explicit Goals, Implicit Outcomes: Information literacy Education in Developing University Graduate Attributes”. *The UWI Quality Education Forum* 18 (2012): 71-88.

Edited Work

- * Kerr, Paulette, Myrtle Harris and Judith Rao. (2011).Eds. *School Libraries: Empowering the 21st Century Learner*. Proceedings of the 40th Annual Conference & 15th International Forum on Research in School Libraries. UWI, Mona.

PUBLIC SERVICE

Prof. Fay Durrant

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

Dr. Paulette Kerr

- Co-Chair, International Association of School Librarianship Annual Research Forum, 2011
- Chair, Fund-Raising Committee, Jamaica Fulbright Association Executive

Dr. Paulette Stewart

- Member, International Association of School Librarianship Special Interest Group - Research Committee
- Chair, Local Organizing Committee, International Association of School Librarianship Conference
- Member, International Association of School Librarianship Research Forum Committee for the 2012 Annual Conference
- Judge, Jamaica Library Service National Reading Competition August 18, 2011

STUDENT MATTERS

Student Enrolment

Programme	Full-time	Part-time	Total
BALIS	61	46	107
Bed Sch. Lib	4	0	4
MALIS	7	23	30
MLIS	3	20	23

Practicum/Internship

A total of 36 students were placed at national, public, academic, special and school libraries in Jamaica, Trinidad and the USA. As part of the new initiative the Fieldwork Co-ordinator visited four of the host libraries.

Faculty/Departmental Awards

AWARDS	CRITERIA	STUDENT
Amy Robertson Prize	Best student - Bed School Librarianship	Marilyn White
Alumni Prize	Best Grade - Year 1	Tamara McRae
COMLA Prize	Best Grade - Year 2	Carla McLaughlin
Daphne Douglas Prize	Personal and Professional Development	Trevor Duncan
Dorothy Collings Prize (PG)	Best graduate performance	Kerry-Ann Watson
Dorothy Collings Prize (UG)	Best overall undergraduate performance	Tameka Watson

DEPARTMENT OF LITERATURES IN ENGLISH

Norval Edwards, BA *UWI*, MA, PhD *York*
- Head of Department

WORK OF THE DEPARTMENT

Teaching and Learning

In the 2011 -2012 academic year, the Department of Literatures in English strategically focused on curricular reform and public outreach to the secondary schools. This strategic focus emerged from the Department's own internal curriculum planning reviews, and the specific mandate by the Principal that the Department should implement effective strategies to increase enrollment by promoting the UWI, Mona Campus as a centre of excellence for literary studies. The Department sought to achieve both goals by leveraging its strengths in Anglophone Caribbean literary and cultural studies and Creative Writing, particularly its record of alumni who are distinguished writers and critics (such as Nobel Laureate Derek Walcott, the scholar-poets Edward Baugh, Mervyn Morris, Velma Pollard, and new writers such as Marlon James, Kei Miller, and Tanya Shirley). Additionally, the Department developed three new film courses thus expanding its film studies programme and facilitating the offering of a film studies minor (for the 2012-2013 academic year).



Curriculum Development

Creative Writing

In the year under review, the Department implemented a practitioner-centred approach to revising and expanding the Creative Writing curriculum. Weekend workshops conducted by internationally acclaimed writers such as Earl Lovelace (November 12, 2011) and Olive Senior (January 21, 2012) were pivotal to this initiative. These workshops allowed aspiring writers to benefit from the experiences and insights of master practitioners. The feedback from participants was overwhelmingly positive and they expressed their appreciation for the practical pedagogical approaches of the writers - the nuts and bolts approach to mastering craft. Subsequently, the Department enlisted three published writers to help draft new Creative Writing courses to increase its options in this area and facilitate the introduction of an undergraduate Minor and a graduate program (MFA) in Creative Writing. The Department also appointed Ms Tanya Shirley, an adjunct lecturer and a talented published poet, to coordinate these initiatives.

Film Studies

At the April 2012 meeting of the Faculty Board, the Department proposed the introduction of a Minor in Film Studies to be offered in collaboration with the Institute of Caribbean Studies, CARIMAC, and the Department of Modern Languages and Literatures. The Minor will promote valuable interdepartmental collaboration and considerably expand course offerings in the Department. Three new courses have been introduced to facilitate the Minor: LITS2806: Reggae Films: Screening the Caribbean, LITS2906: Adaptation: Novel to Film, and LITS3806: Popular Film and Ideology. It is projected that LITS2806: Reggae Films could be offered during the summer semester as an income earning course targeting visiting international students and groups, and hopefully facilitating greater interaction between the Department, students, and practitioners through the hosting of guest lectures and seminars.

New Courses

The Department submitted a proposal to for a course on Reggae Narratives to FAQAC which duly reviewed and returned it to the Department for revision.

Interdisciplinary and Interdepartmental Initiatives

- The Department completed and submitted its contribution to the proposal for a new BA in Literature and Language Education. The proposal has not yet been submitted to FAQAC, but it will hopefully be reviewed and approved in time for the new degree programme to be offered in the 2013-2014 academic year.
- The Department met with Dr. Lorna Down from the School of Education to discuss potential collaboration in developing and teaching courses in children's literature and environmental literature, and creating a joint MA in Literature and the Teaching of English.
- The Department and the Philip Sherlock Centre for the Creative Arts produced a draft proposal for a minor in Theatre Studies but the initiative stalled due to certain curricular and administrative glitches. Both departments are committed to resolving the problem so that a Minor in Theatre Studies will be available in 2013-14.
- Dr. Rachel Moseley-Wood, the Department's Film Studies specialist, initiated preliminary discussion with CARIMAC regarding the feasibility of a minor in Film and Media Studies. No concrete proposals emerged from the discussion with CARIMAC but, as reported above, the department's three new film courses (LITS2906: Adaptation: Novel to Film; LITS2806) plus the film courses from the Institute of Caribbean Studies and the Department of Modern Languages and Literatures will constitute the core requirements and electives of the Minor in Film Studies to be offered in the 2012-2013 academic year.

BUS Quality Reviews

The Department met with Dr. Anna Perkins from the Quality Assurance Unit on Friday, March 9, 2012 to discuss the forthcoming Quality Assurance Review exercise slated for December 2012. Dr. Perkins' orientation presentation was timely and quite useful in facilitating the Department's preparation for the Review.

Graduate Studies and Research

The Department resumed the MA programme this year with a small cohort of students. The low class size and the lack of staff resulted in only four courses being offered instead of the normal quota of six, hence students had to do electives in other departments.

The Department noted with great concern the increasing challenges to graduate students and the negative impact of the harsh economic climate on student productivity and throughput. Another major concern was the noticeable decline in the quality of graduate students entering the programme, and the Department, while cognizant of the need for increased enrollment, has established more rigorous vetting of applicants.

Student-Oriented Activities

The Department hosted its annual social for incoming students on November 3, 2011. Students interacted with lecturers and administrative staff in a relaxed setting that allowed cordial and useful conversation regarding academic and administrative procedures, study skills, critical thinking, choosing courses, and the optimal mix of core requirements and electives over the three years of the undergraduate programme.

Unfortunately, due to conflicting schedules, the Department was unable to stage its annual Career Seminar for undergraduate students, but selected students were given scholarships (courtesy of Ms Winsome Minott of Artistic Expressions) to attend the Writers' Forum and Seminar on Writing as a Business at the Knutsford Court Hotel on May 14-15, 2012.

The Department was unable to implement a pilot peer-mentoring project in 2011-2012 to assist students in academic writing, study skills, and other

required competencies, because Ms. Shala Alert, the graduate student tasked with coordinating the project, was on leave of absence for the year.

Scholarly Activities and Outreach

The Department's outreach activities in 2011-2012 included the following:

Public Lectures

- The Department hosted a public lecture by Damian “Junior Gong” Marley at the Assembly Hall on February 10, 2012.
- Professor Susan Gingell, visiting scholar from the University of Saskatchewan, gave a public lecture, “Can you spare a little social change, please?” Theorizing and Exemplifying the Dub City - Walker in the Cosmopolis” on Thursday, February 16, 2012 in the New Education Lecture Theatre.
- E26D: Creative Writing – Prose Fiction students gave a public reading of their work on Thursday, April 19, 2012 in the Neville Hall Lecture Theatre.
- **The Edward Baugh Distinguished Lecture Series:** On November 13, 2011, The acclaimed Trinidadian writer, Earl Lovelace delivered the Fifth Edward Baugh Distinguished Lecture at the Sir Philip Sherlock Centre for the Creative Arts on the topic Reclaiming Rebellion.
- **March is Literatures in English Month:** As part of its ongoing outreach initiative for 2011-2012, the Department declared March as Literatures in English month. The outreach activities consisted of “March is Movie Month at Mona,” a series of public screenings, presentations and lectures on Jamaican film, co-sponsored by the Institute of Caribbean Studies, and a series of literary readings held on March 20 and 27, 2012 titled “Love Affair with Literature which offered lovers of literature an opportunity to hear both established and aspiring writers. Dr. Rachel Moseley-Wood and Ms Tanya Shirley efficiently and

energetically coordinated the film lecture series and the literary readings respectively.

March is Movie Month at Mona Lecture Schedule

- March 02, 2012 - Neville Hall Lecture Theatre (N1) - Barbara Blake Hannah
- March 09, 2012 - Neville Hall Lecture Theatre (N1) - Chris Browne
- March 16, 2012 - Neville Hall Lecture Theatre (N1) - Storm Saulter
- March 23, 2012 - Neville Hall Lecture Theatre (N1) - Esther Figueroa
- March 30, 2012 - Neville Hall Lecture Theatre (N1) - Franklyn St. Juste
- **Love Affair with Literature Schedule**
- March 13, 2012 - New Education Lecture Theatre (NELT) Gabrielle Owens, Jamel Hall, Andrew Stone, Curdella Forbes, Diana McCauley and Ann-Margaret Lim
- March 20, 2012 - N2
Renee Moulton, Monica Minott, Karen Hutchinson, Mervyn Morris, Sharon Leach and Garfield Ellis

Book Launches

- December 11, 2011: Olive Senior, *Dancing Lessons*

Staff / Postgraduate Seminar Series

The Department's Staff / Postgraduate Seminar Series featured the following presenters for the 2011/2012 academic year.

Visiting Scholars

- Dr. Curdella Forbes, Professor of Caribbean Literature at Howard University, presented a paper on “Ethics, Representation and the Arts of Solitude in Edwidge Danticat’s Haiti” on Friday, October 28, 2011.
- Carrie Walker, Fulbright Scholar from the University of Nebraska-Lincoln, presented a paper on “Letter Writing, Gender Equity and Human Rights. On Friday, November 18, 2011.
- Dr. Erin MacLeod, Postdoctoral Fellow, Social Sciences and Humanities Research Council of Canada, presented a paper titled “Narrating Identity: Ethiopians and Rastafari” on Friday, December 2, 2011.
- Kei Miller, acclaimed Jamaican Writer and Lecturer in Creative Writing at the University of Glasgow presented on the topic ‘From the Letters of Bustamante to the Tweets of Busta Rhymes: Some Thoughts on Jamaican Epistolography’ on Friday, April 13, 2012.
- Dr. Lucy Evans, lecturer at the University of Leicester, presented on the topic: “Writing Kingston: Urban Communities in Kwame Dawes’ *A Place to Hide and Other Stories*”, Friday, April 27, 2012.

Literatures in English Graduate Students

- Dwight Pennycooke, MPhil candidate, presented on the topic in “Hybrid Subjectivity in South Asian Fiction in English (with specific reference to Salman Rushdie’s *Midnight’s Children*)” on Friday, April 20, 2012.

Workshops

Creative Writing Workshops

- November 12, 2011: Earl Lovelace conducted a Writing Workshop at the Mona Visitors Lodge

- January 21, 2012: Olive Senior conducted a Writing Workshop at the Faculty of Law Seminar room One.

CAPE Literatures in English Workshops

The Department of Literatures in English participated in a major way in the Faculty of Humanities and Education CAPE Workshops Series for the 2011-2012 academic year. On April 20 and 27, 2012, lecturers from the department presented lectures on seven prescribed CAPE Literatures in English texts. The well-received lectures certainly helped to boost institutional outreach efforts and presented a positive image of literary scholarship at UWI to high school students.

Interactive Discussion

CXC and CAPE Literature Texts

- Tuesday, November 15, 2011: Earl Lovelace discussed his novel, *The Wine of Astonishment* with over a thousand high school students in the Graduation Tent.
- Friday, January 20, 2012: Olive Senior discussed her poetry collection, *Gardening in the Tropics*, with over two hundred high school students in the Neville Hall Lecture Theatre.
- Monday, March 12, 2012: Curdella Forbes discussed her collection of short fiction, *Songs of Silence* with over three hundred high school students at the Assembly Hall.

Interactive Discussion –Bethlehem and Church Teacher Colleges

- Thursday, April 19, 2012 : Paulette Ramsay discussed her novella, *Aunt Jen*, with students from Bethlehem, Mico, and Church at the Multifunction Room in the Main Library.

Links with Other Universities (Local)

On May 14, 2012, Dr. Norval Edwards served as the External Examiner for Northern Caribbean University's Language and Content examination for their final-year students.

Initiatives in Collaboration (Regional and International)

Exchange with Malmö University:

Dr. Asko Kauppinen and Dr. Petra Ragnestam from Malmö University visited the Department, April 14-22, 2012, to discuss new modes of collaboration to replace the the current Exchange programme which will expire at the end of the 2012-2013 academic year.

International Organizations / Professional Achievement

Dr. Michael Bucknor served his second year as Chair of the Association of Commonwealth Literature and Language Studies (ACLALS) Ms. Tanya Shirley, a PhD candidate and temporary lecturer in Literatures in English, is Treasurer of ACLALS.

Staff Matters

The Department continued to face serious personnel and curricular problems due to the retirement of Dr. Victor Chang and the departure of Ms. Lisa Brown, who were the two drama and Shakespeare specialists. In the year under review, Dr. Chang graciously agreed to teach LITS3204: Shakespeare I, and a part-time lecturer, Ms. Carolyn Allen, taught the Level I drama course (LITS1003: Introduction to Drama) and LITS2505: West Indian Drama. Without a drama specialist, the Department's programme will suffer from a paucity of courses in the genre, thus depriving students of a balanced and well-rounded literary studies curriculum. The matter is an urgent one which has been raised with the Principal and the Dean, and the Department is still hopeful that it will be resolved despite the budgetary constraints and other factors which have so far stymied a permanent appointment.

PAPERS PRESENTED

Michael Bucknor.

- “Canadian Windrush: Austin Clarke and the Literary Caribbean Diaspora” Round Table presentation, “Who Belongs to Postwar West Indian Literature 2,” 37th Annual Conference of the Caribbean Studies Conference, “Unpacking Caribbean Citizenship(s): Rights, Participation and Belonging,” May 28 – June 1, 2012, Creole Beach Hotel, Guadeloupe, French W.I. (8 pages)
- “Conceptualizing the Discursive Performance of Afro-Caribbean Masculinities in Austin Clarke’s *The Origin of Waves*,” Women’s Suffrage Movement Symposium “Gender Transformation: Moving Beyond Boundaries,” March 6-9, 2012, College of the Bahamas, The Bahamas. (13 pages)
- “Ten ‘Tory In a One’: Olive Senior’s *Dancing Lessons*” Launch Talk at Department of Literatures in English and WIACLALS Book Launch, December 11, 2011, University of the West Indies, Mona Campus, Jamaica. (8 Pages)
- “Beyond Windrush and the Black Atlantic: Austin Clarke, Race and the Transformation of the Anglophone Caribbean Literary Landscape,” 30th Anniversary of West Indian Literature Conference, “Literature and Social Transformation,” October 13 to 15, 2011, St. Augustine Campus, Trinidad. (12 pages)
- “The Voice from the Bottom of the Well’: Olive Senior’s ‘Grung’/Ground(ed) Poetics” Conference in Honour of Bridget Brereton, Barbara Lalla and Ian Robertson, “Reassembling the Fragments,” August 25-27, 2011, University of the West Indies, St. Augustine Campus, Trinidad. (12 pages)

Carolyn Cooper

- “Deporting Portia: Creole Language Politics in the Jamaica Labour Party’s Advertising Campaign for the 2011 General

Election in Jamaica”, 37th annual Caribbean Studies Association Conference, May/June 2012, Le Gosier, Guadeloupe

- “‘One of a Handful Still Alive’: Strains of Resistance in the Fiction of Jamaica Kincaid,” 13th International Conference of the Association of Caribbean Women Writers and Scholars, Paramaribo, Suriname, May 2012. An earlier version presented at the 2nd Conference on Ethnicity, Race, & Indigenous Peoples in Latin America & the Caribbean, University of California, San Diego, November 2011. Also presented at the 30th annual West Indian Literature Conference, University of the West Indies, St. Augustine, October 13-15, 2011
- “‘We’re More Than a Beach, We’re a Country’: Exploring the Linkages between Tourism, Culture and the Creative Industries in a Caribbean context,” Keynote lecture, 2nd International Tourism Conference, University of the West Indies, St. Augustine, January 2012
- “Skin-bleaching: Contested Identities in Contemporary Jamaica,” 1st International Scientific Conference, “Dying to be Beautiful?": Body Image, Eating Disorders and Health in the Caribbean,” University of the West Indies, Mona, Western Jamaica Campus, January 2012

Mawuena Logan

- “Listen to the Modern Griot: Assessing and Evaluating the Continent in the Postcolonial Novel.” International Conference, “Two Decades of Democracy and Governance in Africa: Lessons Learned, Challenges and Prospects,” Dakar, Senegal (June 20-22, 2011) (12 pages).

Anthea Morrison

- “The Creative Writer as Scribe”. 30th Annual West Indian Literature Conference, UWI, St. Augustine, October 13-15, 2011.

PUBLICATIONS

Refereed Journal Articles

- * Bucknor, Michael. Review of The Fullness of Everything, by Patricia Powell. *Journal of West Indian Literature* 20.1.(2011): 106-109. (4 pages)
- * Edwards, Norval. “Contexts, Criticism, and Quarrels: A Reflection on Edward Baugh’s “The West Indian Writer and His Quarrel with History””. *Small Axe* 38 (July 2012): 99-107. (9 pages)
- * Logan, Mawuena. “Peter Abrahams: The “Essential” Message in His Literary Works and Artistic Vision.” *Cultural Arts: A Journal for South-North Cultural and Media Studies* (Special Issue) 25.4 (Dec. 2011): 514-528. (15 pages)
- * Morrison, Anthea. “Of Home Soil and Rainbows: Rooted Travelers in Curdella Forbes’ *A Permanent Freedom*. *Journal of Caribbean Literatures*, Vol.6.3, pp.23-36. (14 pages)

Creative Writing

Tanya Shirley

- * Poetry published in *Jubilation!: Poems Celebrating 50 Years of Jamaican Independence* (edited by Kwame Dawes). Leeds: Peepal Tree Press, 2012.
- * Poetry published in *Cave Canem XII Anthology* (Willow Books, 2012)

PUBLIC SERVICE

Dr Michael Bucknor

- Editor, *Journal of West Indian Literature* (Regional Journal)
- Advisor, CAPE Literatures in English, Project—Preparation of Study Guide for CAPE Literatures in English, Caribbean Examinations Council

- Chair, Association for Commonwealth Literatures and Language Studies ACLALS
- Reviewer of Manuscripts for MaCormere (*Journal of the Association of Caribbean Women Writers and Scholars*)

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, *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*
- Editorial Board Member, *Postcolonial Text*

Dr. Mawuena Logan

- Coordinator, Departmental Postgraduate Studies
- AQAC Representative, Department of Literatures in English
- Secretary, Executive Board of the Alliance Française de la Jamaïque, Kingston, Jamaica
- Vice President, Ghanaian Association in Jamaica, Kingston Jamaica
- Member, Alliance Française de la Jamaïque, Kingston, Jamaica

Dr. Anthea Morrison

- Departmental Seminar Series Coordinator

Dr. Rachel Moseley-Wood

- Departmental Events Coordinator

- Coordinator, March is Movie Month Series of Screenings and Lectures on Jamaican Film

Ms Tanya Shirley

- Coordinator, March is Literatures in English Month Literary Readings (“Love Affair With Literature”)

Mr David Williams

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

Cross Campus collaboration

The Department publishes the *Journal of West Indian Literature* in collaboration with our sister departments at Cave Hill and St. Augustine, and its members are actively involved in WIACLALS, the regional branch of ACLALS.

CATEGORIES OF STUDENTS

Undergraduate

Majors	–	173
First Class Honours	–	Abigail Henry

Postgraduate

Registration

PhD	–	2
MPhil	–	14
MA	–	18

Award of Degrees

MA	–	Shirlene Woodburn Renee Mair
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DEPARTMENT OF MODERN LANGUAGES AND LITERATURES

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

The Department welcomed the new academic year with the refurbishing of the main office. Everyone expressed appreciation for the change and also opined that it serves as a source of motivation at the start of the year.



New operational objectives set by the new Head of Department (HOD) were:

- Curriculum Review and Strengthening
- Collaboration with International Partners
- Increasing the numbers in the languages
- Income Generation
- Repositioning/Expanding Foreign Languages across The UWI.

CURRICULUM REVIEW

Broad Philosophy

This review is driven by the broad principle or general belief that the programme of studies in any discipline should be revised on a regular basis (every three to five years) to ensure that students attain its desired goals. In the study of Foreign Languages and Literatures, the review, - a systematic deliberation/reflection on and modification of the courses is a necessary part of the process of providing the appropriate content for each course, and equally important for employing the most up-to-date teaching

strategies and methods of assessment to help students achieve communicative competence in the languages and attain the objectives desired in other courses.

Moreover, a well deliberated, systematic review will help to ensure that we achieve the U.W.I.'s strategic plan for preparing students who are able to meet the demands of the 21st century, as informed citizens of different multi-cultural societies and the world. Each language area has been working to strengthen the curriculum in different ways to improve delivery.

Major reviews include:

MA in Translation – all aspects of the programme were revised by a Committee of persons in the UWI, namely Miss Annette Insanally, Mrs. Barnett Passard, Professor C. Williams and Dr. P. Ramsay, and individuals who work in the field of translation. The revised programme is now being submitted to Graduate Studies.

Preliminary Courses – The evaluation system has been revised.

Strategies for Expanding Foreign Language Learning:

The proposal put forward is that students should be allowed to select a Foreign Language course as an alternative Foundation Course, with the exception of those students who are required to take a course in a foreign language (i.e. Students in the BA programme, or BSc International Relations).

Students who are not required to take foreign languages as a part of their programme of study will be allowed to substitute one of the non-language Foundation Courses they are required to take (i.e. FD11A; FD12A, or FD13A) with a foreign language course at the level appropriate to their qualifications in that language. This proposal has been supported by the Faculties as well as by The Board of Undergraduate Studies.

TEACHING MATTERS

- (i) **French Section** – Teaching in the French Section was affected by a shortage of teaching personnel. Dr. N’zengou-Tayo was on sabbatical, plus increased numbers in French presented a challenge for time-tabling and delivery.
- (ii) **Chinese Credit Courses** – These courses were put on hold in the first Semester as the Chinese Instructors did not arrive on time in the first Semester. Ms. Shen arrived in January and commenced teaching in the second Semester.
- (iii) A new Minor in Portuguese and Latin American Studies was developed and is being vetted.

PUBLIC LECTURES

In keeping with the thrust to improve the visibility of the Department, two Public Lecturers were held:

- (i) **“Everybody Can Cross it’: Border Crossings and the Study of Foreign Languages”** presented by Professor Antonio Tillis, Chair for the Department of African and African American Studies, Dartmouth College, USA. The lecture was held on September 23, 2011 at the Neville Hall Lecture Theatre, N1.
- (ii) **“Teaching Slavery and African Diaspora in Brazil: New Trends”** presented by Professor Mariza de Carvalho Soares Associate Professor Department of History Brazil Africa Nucleus Studies Federal University of Fluminense. The lecture was held on Friday, November 25, 2011, 11 a.m. at the Neville Hall Lecture Theatre, N1. The lecture was done in collaboration with the Brazilian Embassy and the Department of History.

Both lectures, especially the first, were very well received and supported by Faculty and several High Schools.

STAFF ACHIEVEMENT

- (i) Dr. Maite Villoria won the Principal's award for her article entitled: "Colombia's Drug Trafficking Subculture: Its Literary Representation in La Virgen de los Sicarios and Rosario Tijeras."
- (ii) Dr. Francoise Cevaer gained tenure and Dr. Paulette Ramsay crossed the Merit Bar at the Senior Lecturer's Level.
- (iii) Dr. Ramsay published her second anthology of poems entitled October Afternoon by Hansib Publishers.

STAFF AND POSTGRADUATE SEMINAR

The department hosted a series of Staff and Postgraduate seminars during the second semester. The following presentations were done during the period March 15 – April 26:

- (i) **Presenter:** Professor Keith Ellis
Seminar Topic: Caribbean Solidarity: A Longstanding and Growing Tradition.
- (ii) **Presenter:** Dr. Hugues Peters/Visiting Scholar & Past French Lecturer
Seminar Topic: "Research on the Acquisition of French as a Foreign Language by Jamaican Learners of French: Analysis of Non-finite Complementation in a corpus of Jamaican Learners of French".
- (iii) **Presenter:** Dr. Maite Villoria, Lecturer (Spanish)
Seminar Topic: "Colombia's Drug Trafficking Subculture: Its Literary Representation in La Virgen de los Sicarios and Rosario Tijeras"
- (iv) **Presenter:** Mr. Warrick Lattibeaudiere
PhD Candidate, Dept. of Modern Languages and Literatures

Seminar Topic: “The loas and humans: Chameleonizing Identity in Myra Montero’s *Del rojo de su sombra*.”

(v) **Presenter:** Ms. Rashell Powell

MPhil Student, Dept. of Modern Languages and Literatures

Seminar Topic: “Gyno- Exclusivism: Negotiating spaces of alterity as presented in ‘*Juletane*,’ *Femmes Echouées*’ & ‘*Le Quimboiseur L’avait dit*.’”

(vi) The final seminar was held on Thursday, April 26, 2012 and was done by

Ms. Carrie Walker, Fulbright Scholar.

Seminar Topic: “Literary Perspectives on Citizenship in Paulette Ramsay’s *Aunt Jen*”

MODERN LANGUAGES’ DAY – Modern Languages Day and Food Fair was held on March 29, 2012

Theme: “Many Languages- One Message: Let’s Cross It!”

Food Fair (Faculty of Humanities Courtyard): 12 noon – 3 p.m.

Film, Music and Interaction – 12-2 p.m

Concert: 2:00- 4:00 p.m

The day came to an end with an official handing over of educational resources to the Department of Modern Languages and Literatures by the Embassy of Spain in the Multifunctional room at 6pm.

INTERNATIONAL COLLABORATION

(i) **New Lab by JICA** – The New Lab was signed over this year.

(ii) **Dokkyo University**

(iii) **Film with Japanese Embassy** - The Embassy of Japan in association with the Department of Modern Languages and Literatures presented the film “**QUARTET.**” The film coincided with the anniversary of “The Great East Japan Earthquake and Tsunami” on Friday, March 30, 2012, at The Neville Hall Lecture Theatre (N1)

CAPE Outreach Workshop – Saturday, March 31, 2012

The Department of Modern Languages and Literatures and the Academic Support Unit (ASU) jointly hosted a Foreign Language Workshop for the Caribbean Advanced Proficiency Examination (CAPE) Spanish and French on Saturday, March 31, 2012 from 10 am to 4pm. The objective of the workshop was to equip students with some practical tools and techniques in written and oral communication and in critical analyses of various literature texts; this aimed at making them more prepared for CAPE.

There was also an interactive session for teacher-chaperones on, “Tips in Pedagogy for Teachers of Spanish and French syllabi.”

CAPE Workshop Evaluation

Table 10: I profited significantly from the workshop

		Frequency	Valid Percent	Cumulative Percent
Valid	strong disagree	1	2.9	2.9
	undecided	6	17.1	20.0
	agree	15	42.9	62.9
	Strong agree	13	37.1	100.0
	Total	35	100.0	
Missing	99.00	1		
Total		36		

The table above shows that 42.9% of students surveyed agreed that they profited significantly from the workshop compared to 2.9% who strongly disagreed. The remaining 37% strongly agreed that they profited from the workshop while 17% remained undecided.

The survey also showed that the majority of students were satisfied with the overall workshop organization and the subject matters presented. Most of the students agreed that they would recommend the workshop to future students and also that the workshop responded to their needs as CAPE students. Both Spanish and French students agreed that the workshop helped to develop their comprehension, writing and critical analysis skills in each foreign language presented. Conclusively, an overwhelming majority of students rated the workshop a success and would recommend other students to attend.

AMBASSADORIAL VISITS

The French Ambassador, His Excellency Marc-Oliver Gendry, and the Brazilian Ambassador, His Excellency Da Costa e Silva Neto visited the Department's office to discuss the various programmes related to their Embassy. The new French Ambassador, Her Excellency Ginette De Matha, also visited on May 30, 2012. Several visits were made by representatives of JICA, to discuss the Japanese Volunteer Programme and the new language lab being donated by JICA.

INCOME GENERATION

(i) Language Lab Spanish and French Lunch Hour Courses

The Spanish and French Lunch hour Courses began on January 30, 2012 and lasted for ten (10) weeks. Twenty- eight students participated in the course.

(ii) Resumption of Interpretation & Translation Services

Interpretation and Translation services have been resumed and increasingly more interest is being shown in the service to provide a modest income.

(iii) Summer School – a small summer school for children was held with various activities.

LANGUAGE CLUB REPORTS

Japanese Club Report (2011-2012)

The Japanese club meets every Thursday. Students reported on what they researched on Japanese Culture, History and Geography, Cooking and Pop culture. All members had to do their presentation at least once in the year. The club operates based on the dues that the club members pay and from funds made from food sales. JICA Day was celebrated in November 2011 and Japanese dance and music were showcased. The Japanese club showcased Japanese dance and a demonstration of how to assemble traditional clothing at Modern Languages Day held in March. Japan Day held on April 5, 2012 showcased Japanese dance, music, origami, food sale, calligraphy, T-shirt printing and a demonstration of Yukata, a traditional Japanese clothing.

Financial Report

Total Figure for the Year 2011-2012

(Modern Languages Day + Dues for the year + Japan Day NET)	\$25,873.69
Dues:	\$17,223.45
Money Collected on Japan day 2012 (gross profit) +	\$27,950.00
Cost to put on Japan Day 2012	\$20,045.77
Net Profit of Japan Day 2012	\$ 7,904.24
Modern Languages Day 2012	\$ 740.00

French Club Report (2011-2012)

The French Club commenced meetings on September 22, 2011 under the name Club Français de UWI, now changed to La Societé Francophile in order to promote a more rounded club and not just France.

The major fundraising events for the Christmas semester were a pastry sale on October 20, 2011. This made a profit of six thousand seven hundred

and ninety dollars (\$6790). The other fundraiser was selling tickets for a Basil Dawkins play in October which made only five thousand dollars (\$5000) due to a lack of preparation and little support from club members.

The club currently has a balance of four thousand five hundred and sixty two dollars (\$4562).

Spanish Club Report (2011-2012)

- Inter-clubbing with Rotaract Club
- Participated in our annual Modern Languages Day
- Participated in the celebration of the Faculty's *Humanities Day*
- Supported the Latin American film week: (hired a bus to take students to the event)
- Visited the Mexican Embassy on *El Día de los Muertos*
- Presented cultural items at *UWI Research Day*
- Movie Special for the film "El Carro" with popcorn provided.
- Executive Social
- Latin Dance Classes (*every Thursday from 4:30 -6:00*)
- Club's detailed presentation on Colombia and Cuba
- Specially invited to the Bolivar Art Gallery to view the artwork of *German Grisales*
- Participated in the Programme Prevention 21+ UWI-Embassy of Colombia (interpreting, cultural and liaison) November 2011 and March 2012
- Participated in the activities organized for the Costa Rican students at UWI (interpreting, cultural and liaison)

Financial Status of the Club:

Club's Current Bank Balance: **\$58,656.28**

Brazilian Club Report (2011/2012)

During 2011/2012 academic year, the club contributed to the organization of two main activities: Semester I: a Brazilian music performance on campus supported by the Embassy of Brazil. Semester II: Modern Languages Day. Club members advertised these activities and gave assistance before and during the events. Some members also contributed with their talents by performing at the afternoon show on Modern Languages Day.

Finances:

Before Modern Languages Day (MLD) the club had J\$2,355.00, collected at weekly meetings. The club used \$1,653.13 to buy some of the ingredients necessary for the Brazilian dishes to be sold on MLD. The money collected during MLD, by selling Brazilian food was J\$3,300.00. The balance after this activity was: J\$4,001.87. On May 18, 2012, the club spent the total amount on a farewell party for the Club Advisor Ms. Patricia dos Reis.

PAPERS PRESENTED

Dr. Marie-Jose Nzengou-Tayo

- “Total Simulation and the Teaching of French for International Conferences at The UWI, Mona.” First International Conference on Language for Special Purpose, organized by the Departments of Foreign Languages and Literatures in collaboration with the Department of English Language, Birmingham, Alabama, April 13-14, 2012.
- “The North American Experience of Migration in the works of selected Haitian Writers.” 37th Annual Conference of the Caribbean Studies Association, Gosier, Guadeloupe, May 27 – June 01, 2012

Paulette A. Ramsay

- “When Trees Speak with the Tongues of Women: Eco-feminist Representations in Afro- Mexican Oral Narratives.” Taiyuan University of Technology, Taiyuan China, International Centre.
- Guest Lecture on **Aunt Jen** for the Department of Literatures in English at The UWI. Mona Campus.

PUBLICATIONS

Dr. Marie-Jose Nzengou-Tayo

Chapter of Book

- * “Perjuicios acerca de la independencia haitiana : *Viento negro, Bosque del caimán* de Carlos Esteban Deive.” In Ineke Phaf-Rheinberger (ed.) Historias enredadas: Representaciones asimétricas con vista al Atlántico. Berlin: Edición tranvía - Verlag Walter Frey, 2011, pp. 52-65.

Articles

- * “The Haitian Short-Story: An Overview.” *Journal of Caribbean Literatures*. V. Pollard (Guest Editor). Vol. 6, No. 3, Spring 2010, pp. 37-52.

Testimonial

- * “Malè pa gen klaksonn: A personal Account of a foretold yet unavoidable disaster.” *Meridians: Feminism, Race, Transnationalism*. “*Parol Fanm sou 12 janvye*”. G. A. Ulysse (Ed.), Smith College, pp. 98-105.

Book Reviews

- * Review of Red and Black in Haiti: Radicalism, Conflict and Political Change, 1934-1957 by Matthew J. Smith. Bibliography. Index. Illustrations. Chapel Hill: The University of North Carolina Press, 2009. xi + 278 pages. *CQ. Caribbean Quarterly*. Vol. 58, No. 1, 115-119.

Paulette A. Ramsay

- * October Afternoon (2012), Hansib Publishers. England, UK
- * Guest Editor, Editorial, “The University Graduate as Global Citizen,” *Quality Education Forum*, The UWI, 2012. Volume Number 18, pp. vii-xii
- * Ramsay, Paulette A. Towards a New Vista: Shirley Campbell’s Representation of Her Afro-Centric Caribbean Cultural Heritage. *CLA Journal* 55.1 (Sept. 2011): 1-17.

Professor Claudette Williams

- * The Cuban Short Story in the Twenty-First Century: Postmodern Perspectives.” *Journal of Caribbean Literatures* Vol.6, No.3, pp. 95-108.
- * “Imag(in)ing Africa in the Cuban Antislavery Narrative” in Conrad James ed. Writing the Afro-Hispanic: Essays on Africa and Africans in the Spanish Caribbean. Adonis & Abbey, UK 2012, pp. 13-29.

Book Review

- * Juanamaría Cordones-Cook. *Soltando amarras y memorias: Mundo y poesía de Nancy Morejón*. Santiago, Chile: Editorial Cuarto Propio, 2009. 244pp. *Afro-Hispanic Review* Vol. 30, No. 2, (Fall) 2011, pp. 221-223.

Review Essay

Ms. Nadine Barnett

- * Beverley Bryan’s Between two Grammars: Research and Practice for Language Learning and Teaching in a Creole-speaking Environment. Ian Randle Publishers 194 pages, *Caribbean Journal of Education*, Vol. 32 No. 2 September 2011

Mr. Warrick Lattibeaudiere

- * Sonjah Stanley Niaah's Dancehall: From Slave Ship to Ghetto, Ottawa: University of Ottawa Press, 2010. *The UWI Quality Education Forum* Vol. 18, January 2012

PUBLIC SERVICE

Dr. Marie-Jose Nzengou-Tayo

- Co-Chair of the on-site committee for the 23rd annual conference of the Haitian Studies Association.
- Member, Vice-Chancellor Task Force on Haiti.

Professor Claudette Williams

- Director, Institute of Caribbean Studies
- Member, Standing Committee on Ordinances & Regulations
- UWI representative, Board of Governors, Edna Manley College for the Visual and Performing Arts.

Paulette A. Ramsay

- Caribbean Examinations Council (CAPE)
- Review Editor, *Caribbean Journal of Education*
- Advisor, The UWI Chess Society.

Departmental Retreat

The Departmental Retreat took place on Tuesday, May 22, 2012 from 9 am to 5pm at the Courleigh Hotel. All full-time members of staff were present at the retreat. **Theme:** “Global Education through the Teaching and Learning of Foreign Languages.”

Visit to Colombia

A joint visit was made on May 13-19 to Colombia with representatives from the Department of Modern Languages, Latin American Centre for the Caribbean and International Student Office. Thirteen private Universities were visited.

Objectives of the Visit:


- Research Collaboration
- Student Exchange
- Faculty Visits
- Study Abroad

Number of Students in the Department for 2011- 2012:

Area	Level	Semester I	Semester II	Total
	Preliminary	277	114	391
	Language	148	180	328
Spanish	Literature	73	67	140
	Tourism	24	23	47
Grand Total				906
French	Preliminary	94	88	182
	Language	72	67	139
	Literature	12	20	32
	Tourism	–	18	18
Grand Total				371
Japanese	Language	93	76	169
Chinese	Language	–	22	22

SCHOOL OF EDUCATION

Professor Zellynne Jennings-Craig – Director

 On August 1, 2012 the School of Education began to function as a restructured organization under the Director of the School. Dr Rose Davies, former Head of the Institute of Education and Professor Beverley Bryan, former Head of the Department of Educational Studies must be commended for the part which they played in making this restructuring possible. Embarked on a new journey, much of the year was spent putting into effect the new structures created to facilitate the smooth



functioning of the School. These included the Coordinators of Undergraduate and Graduate Studies, Research and Teaching (R&T) Clusters, the Research Unit, and the Education Systems and Professional Development Unit, as well as the administrative units, namely; Finance, Facilities and Procurement; Administrative and ICT Support Services, and Programme Administration and Customer Service.

The Figure below represents the framework used by the R&T clusters for its Cluster Retreat held in May. The School of Education held its annual retreat from May 30 – June 1, under the theme ‘Working Together, Shaping our Future’, at which time it reviewed its performance and achievements of its operational plan for the academic year. A key recommendation from the Retreat was the need for the School to adopt a strategic repositioning on Science, Technology, Engineering and Mathematics (STEM) in its programme.

TEACHING AND LEARNING

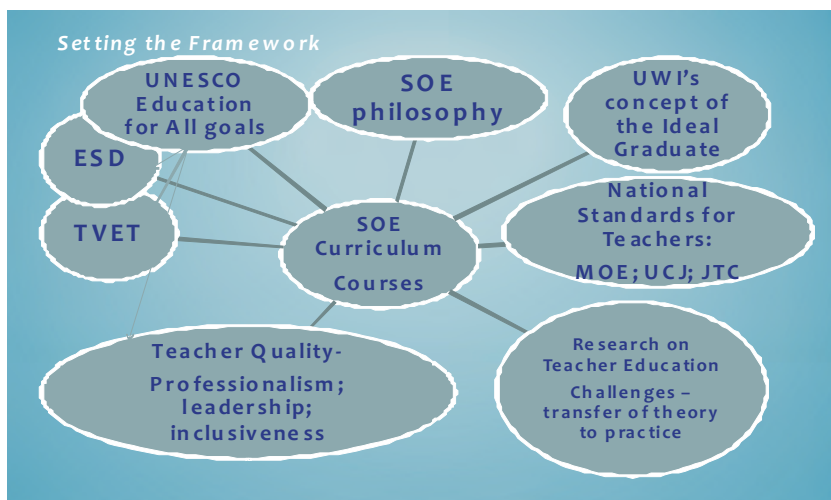
During the academic year, the development of the new programme - Masters of Arts in Higher Educational Administration - was completed and work continued on the Masters of Arts in Principalship and Central Leadership, the Bachelor of Science School Bursarship and Administration, and Masters of Arts in Education Planning and Policy. Much progress was made on the revision of the B.Ed. in Early Childhood Education and the revision of the B.Ed. 90 credit degree.

The Joint Board of Teacher Education completed the Media literacy project with the Broadcasting Commission in which material for grades 3-9 were developed to help students critically respond to the media. The next phase is expected to see radio stations operating in 5 high schools. This year also saw the successful completion of the project with eLearning in which 15 Teachers' College lecturers completed a Master in Educational technology with the University of British Columbia. The last cohort graduated in May 2012. Phase two of the Project with eLearning began with the development of teacher and student instructional materials for the CSEC syllabus in 5 areas: Geography, Integrated Science, Physics, Social Studies, Spanish. In phase 1 materials for Biology, Chemistry and English were developed.

Five customized short courses were offered in the summer of 2012.

At the Faculty Award Ceremony held on November 10, the Madge Hall Prize for the most outstanding academic performance in the 90 credit programme (level 1) was shared by Ann-Marie Human and Norman Malcolm. Andre Burke won the School of Education Prize for the most outstanding performance in level 11. The Professor Aubrey Phillips Prize for the most outstanding academic performance in the final year was awarded to Marilyn White. The Professor John Figueroa prize for the most outstanding academic performance in the Postgraduate Diploma in Education was awarded to Sean Smith-Thelwell and Lucene Harris.

As part of the work of the Science, Mathematics and Information Technology (SMIT) Centre



the Problem-Solving Competition was held on March 29. Champion College won the Grade 9 mathematics competition; Mount Alvernia won the Grade 10 Information Technology and the Grade 11 IT was won by Meadowbrook High. Some prizes awarded were courtesy of Digicel Foundation.

The Graduate Research Seminar and Awards Ceremony was held on Wednesday, May 2 at the Mona Visitors' Lodge. Norlette Leslie, Rohan McCalla and Kerrian Mathie-Grant presented their studies which all related to the theme 'Psychological factors impacting education'. Alia Franklyn and Euphemia Robinson presented on their studies which related to the theme 'Aspects of Teaching and Learning in English and Science'. Presentations on their doctoral theses were made by Stephanie Nelson-McFarlane and Camella Buddo.

Professor Beverley Bryan presented her inaugural lecture on May 3, 2012.

As part of its attempt to forge closer relationships with the schools that accommodate our students on Practice Teaching and Internships, the School hosted a luncheon on September 30, 2011 and a Breakfast meeting with principals of schools on May 24, 2012 at the Knutsford Court Hotel. Dr Dian McCallum gave an overview of the Professional Development Seminars for Teacher Mentors (held from October 6 – November 3) and

two Teacher Mentors, Mrs. Audrey Fairweather from the Louise Bennett Coverley All Age and Miss Nikeisha Smith from Dunoon Park Technical High School shared their experiences.

The Change from Within project hosted a group of students from the Sankofa Freedom Academy from January 13-18. A Change from Within Self-Development Workshop was also held with participating schools on June 6, 2012 at the Knutsford Court Hotel. Mrs. Pauletta Chevannes, the Manager of the Project, chaired the workshop and presentations were made by Reverend Joseph Brown of the Change from Within Circle of Friends. Ms. Sophia Morgan, lecturer in Organizational and School Psychology made a presentation on Self Development.

Bachelor of Education Awards: 211-2012

First Class Honours	Second Class Honours		Pass
	Upper	Lower	
21	33	35	5

MEd Students expected to graduate in November 2012

Curriculum Development	15
Educational Administration	22
Educational Measurement	25
Educational Psychology	3
Language Education	11
Literacy Studies	13
Mathematics Education	4
Primary Education	1
Science Education	4
Master of Arts – Teacher Education and Teacher Development	18
TOTAL	116

The Master of Arts in Teacher

	2011 – 2012				
	Total	MAT part 1			MAT part 2
Options – Track 1		P/T	F/T	Returning Students	
English Language	20	12	4	4	5
Mathematics	17	12	3	2	2
Science	26	17	4	5	
IT	6	6			
History	16	10	6		
Social Studies/Geography	11	7	3	1	1
Modern Foreign language	11	3	4	4	
TOTAL	107	67	24	16	
Track	3				1

Strengthening National Engagement

The School organized a Stakeholders' Consultation at the Mona Visitors' Lodge on October 28 to discuss the content of the UWI/UNESCO Caribbean Conference on Technical Vocational Education and Training (TVET). The event was attended by 20 stakeholders including representatives from the Ministry of Education, HEART Trust and UTECH. Mr Robert Parua, Education Programme Specialist, brought greetings from UNESCO.

The School hosted the Forum on Education on November 22 in the Faculty of Law Theatre 1. The theme was *'Education Transformation-Determining the Gains and Refocusing on the Challenges'*. Ms Jean Hastings, Director of the Education Systems Transformation Programme at the Ministry of Education, gave the main address followed by a Panel Discussion which included Mr. Ronald Thwaites, Opposition Spokesperson on Education, Mrs. Sharon Reid, President of JASSP, and Mr. Ruel Reid, Principal of Jamaica College.

On December 16, 2011, the School of Education hosted a meeting with Dr. Doeford Shirley, Director of the National College of Educational Leadership. Presentations to inform Dr. Shirley of the work of the School in leadership training were made by Dr. Disraeli Hutton, Mrs. Joan Spencer-Ernandez and Mrs. Pauletta Chevannes.

Dr. Deon Edwards-Kerr has played a key role in activities within the School in relation to the Youth Crime Watch of Jamaica (YCWJ). An aspect of the work of YCWJ is the GNAT High Achievers' supplemental classes in Mathematics and English which were held in the School of Education. Dr. Paula Daley-Morris also conducted a seminar with these children on *Children keeping themselves safe in Cyberspace*.

International Outreach and Collaboration

The UWI/UNESCO Caribbean Conference on TVET was successfully implemented by the SOE during March 7-9 at the Hilton Rose Hall Resort & Spa in Montego Bay. Approximately 40 papers and four workshops were delivered and some 250 persons (from 20 countries) attended the conference. The Caribbean Development Bank and UNESCO funded the participants from the Caribbean. A product of the conference was the **Montego Bay declaration on TVET** in the Caribbean which was delivered at the International TVET Congress held in Shanghai, China in May 2012 by Dr. Halden Morris.

As part of its collaboration with the University of Reading, during the period February 12 – March 28, 2012, Dr. Geoff Tennant, Senior Lecturer from the University of Reading, participated in a six-week study visit to the UWI during which time he was attached to the Science Maths and Information Technology (SMIT) Centre. Dr. Tennant held workshops in Mathematics for teachers in the Montego Bay area as well as workshops with mathematics educators at Shortwood Teachers' College, and the University of Technology.

The inaugural Soccer Camp for the Hendrix Women's Soccer team from Conway, Arkansas in the United States of America began on March 19, 2012. The camp was geared towards facilitating the development of

women's football in Jamaica. This is an extension of the School's involvement with Youth Crime Watch of Jamaica.

The School of Education, Mona, in collaboration with the Early Childhood Commission and Joint Board of Teacher Education Foundation, hosted a two-day professional development workshop on April 26 and 27, entitled *INSIGHTS into Children's Temperament* for early childhood lecturers of teachers colleges and officers of the Early Childhood Commission and the Ministry of Education. Attended by approximately forty (40) participants, the workshop addressed issues on student disruptive behaviors in the early primary grades, a concern which marks the beginning of a pathway that, for many children, leads progressively to more serious behavioural and academic problems. The presenters and creators of the INSIGHTS programme were Drs. Sandee McLowry and Mark Spellmann from New York University.

Dr. Christine Fox, Secretary-General of the World Conference of Comparative Education Societies and a former Honorary Fellow of the Faculty of Education at the University of Wollongong, Australia, presented a seminar entitled *Comparative Education, Post colonialism, and new voices on gender issues* on Monday, April 30.

Outstanding Appointments

Dr. Moses Peart, on the recommendation of the Minister of Education, has been appointed as Chairman of HEART Trust/NTA. On a request by the Archbishop of Kingston and subsequent approval by the Minister of Education, Dr. Peart has also been appointed as Chairman of St. Joseph's Teachers' College.

PUBLICATIONS UNIT

The Publications Unit produced two general issues of the *Caribbean Journal of Education*: Vol. 32, No. 2 and Vol. 33, No. 1. The unit also took over the publication of the *Journal of Education and Development in the Caribbean*, of which Vol. 12, No. 1 was published. This was a special issue, presenting selected papers from the Annual ACHEA conferences.

PAPERS PRESENTED

- **Collins-Figueroa, M.** (2011). “Implementing whole college approaches to environment and sustainability in a teachers’ college in Jamaica.” Meeting of the Global Universities Partnerships for Environment and Sustainability (GUPES) for University Leaders, Universidad Andrés Bello, Santiago, Chile, September, 5-6, 2011. 12 pages.
- **Collins-Figueroa, M.** (2011). “Environment and Sustainability at The University of the West Indies, Mona Campus, Jamaica.” PowerPoint (21 slides) and poster presentation at the launch of the Global Universities Partnerships for Environment and Sustainability, Tongji University, Shanghai, China, June 5-6, 2012.
- **Cook, L. D. & Terry Jordan** (2011). The reliability and validity of a modified Teacher locus of control instrument. The Association for the Advancement of Educational Research Conference, West Palm Beach, Florida (November 3-5, 2011)
- **Cook, L. D. & Peter Yee Han Joong** (2011). Secondary Reform From the Perspectives of Teachers and Students in Six Countries. SIG-International Studies; Symposium (with Peter Yee Han Joong, University of the West Indies, Thomas Gerald Ryan, Nipissing University, Ming- Dih Lin, National Chung Cheng University & Kathryn A. Noel, University of Western Ontario): American Educational Research Association (AERA) Conference/Annual General Meeting (April 8-12, 2011)
- **Davies, R.** (2011). “Teacher Training in the Early Childhood Sector: Current Status and the Way Forward” Early Childhood Commission Retreat, Jamaica Grande Hotel, Ocho Rios, September 23-24, 2011
- **Davies, R.** (2012). “Teacher Education: Rethinking and Retooling for the Next Fifty Years” Shortwood Teachers College Research Day Panel Discussion, commemorating the Jamaica 50 celebrations April 27, 2012

- **Davies, R.** (2012). “Issues and challenges in implementing the new Jamaican Early Childhood Curriculum for birth to five year olds” Shortwood Teachers College “Early Childhood Parliament” Symposium, May 10, 2012
- **Davis-Morrison, V.** (2012). “Education for Active Citizenry: Learning from Life History” Shortwood Teachers’ College, Annual Research Day Conference: Fifty Years of Teacher Education in Jamaica, Educating for a Sustainable Future. Shortwood Teachers’ College. April 26, 2012 (pg.9)
- **Davis-Morrison, V.** (2012). Round Table Discussion, Reflections; Health and Family Life Education. CARICOM Health and Family Life Education (HFLE) Workshop/Seminar on Teacher Training and School Health: Barbados, Blue Horizon Hotel. June 5-8, 2012 (sponsored by World Bank and Education Development Center (EDC))
- **Down, L.** (2011) ‘The Challenges of Reorienting Teacher Education for Climate Change Education for Sustainable Development,’ Experts Meeting on Climate Change Education for Sustainable Development and Adaptation in Small Island Development States, September 21-23, 2011, Nassau, Commonwealth of The Bahamas
- **Griffith, S. A.** (2012). TVET as an Area of Study for Poor Performing Students: Myth or Reality? International Conference on TVET, Hilton Rose Hall Resort & Spa, Montego Bay, Jamaica, March 7-9, 2012, pp. 39.
- Joong, Y.P., & **Hutton, D. M** (2012). “Understanding Education Reforms: Comparing the perceptions of secondary school teachers and students in Jamaica.”. April 13-17, 2012, Vancouver, British Columbia, Canada.
- **Hutton, D. M.** (2012). “Technical Vocational Education and Training (TVET) in the Caribbean: Pitfalls, Successes and

Challenges.” UWI/UNESCO Caribbean Conference on TVET, March 7-9, 2012, Montego Bay, St. James, Jamaica

- **Jennings, Z, Anderson, S.** (2012). Impact of the provision of school lunch on attendance in Jamaican primary schools. American Educational Research Association Conference, Vancouver April 12-18, 2012.
- **Joong, Y.P. & Hutton, D.** (2012). “Understanding Education Reforms: Comparing the Perceptions of Secondary Teachers and Students in Jamaica”. Annual meeting for American Educational Research Association (AERA), Vancouver, BC, Canada.
- **Joong, Y.P., Pan, W-H W.; Smikle, J. & Darkhor, P.H.** (2012). “Action Research on Environmental Education in Canada, China, Taiwan, and Jamaica.” Annual meeting of the Canadian Society for Studies in Education (CSSE), Waterloo, ON, Canada.
- **Joong, Y.P. Thomas, S., Hutton, D., & Lin, M-D.** (2012). “Leadership for Reforms in Canada, Jamaica, China and Taiwan.” Annual meeting of the Canadian Society for Studies in Education (CSSE), Waterloo, ON, Canada.
- **Joong, Y.P.** (2012). “Teachers’ and Students’ Perceptions of Secondary Reform and Implementation: Quebec and Ontario Comparison.” Annual meeting of the Canadian Society for Studies in Education (CSSE), Waterloo, ON, Canada.
- **Joong, Y.P.** (2012). “Action Research on Environmental Education in Canada, China, Taiwan, and Jamaica.” Annual meeting of the Canadian Association for the Study of International Development (CASID), Waterloo, ON, Canada.
- **Joong, Y.P. & Rainford, Y.** (2012). “From Slave Drivers in the Field to Slave Drivers in the Classrooms: The Role of Equal Educational Opportunity in Jamaica’s Teacher Training in English Language and Mathematics.” Annual research conference, Shortwood Teachers’ College, Kingston, Jamaica.

- **Joong, Y.P.** Hutton, D.M. & Scott, R. (2012) “Comparison of the Implementation of Technical and Vocational Schools in Canada, China, Taiwan and Jamaica.” Caribbean Conference on TVET, Montego Bay, Jamaica
- **Joong, Y.P.** (2011). Perceptions of Students and Teachers on Secondary Mathematics Reforms in Canada, China, Sierra Leone and Jamaica. Feature Speaker, Mathematics Symposium, Jamaica Teachers Association, May 2, 2011.
- **Morris, H. A.** (2011). “Learning Management Systems for Technical and Vocational Education and Training (TVET)” EduVision 2011 Conference, Jamaica Conference Center, December 1-2, 2011.
- **Morris, H. A.** (2012). “Strategies for Enhancing Relationships of TVET Institutions with Industry”, UWI/UNESCO Caribbean Conference on TVET, Hilton Rose Hall Resort and Spa, Montego Bay, Jamaica. March 7-9, 2012.
- **Morris, H. A.** (2012). “Economic Transformation & Job Creation: The Role of Tertiary Institutions” Commonwealth Secretariat & the University of the West Indies Symposium, May 30 – June 1, 2012.
- **Morris, H. A.** (2012). Issues with Technology, University of Technology, Jamaica, February 17, 2012.
- **Morris, H. A.** (2012). Interaction with Industrial Organizations, University of Technology, Jamaica March 23, 2012.

PUBLICATIONS

Book

- * Lunt, P., Buckle Scott, L., **Davis-Morrison, V.** & Louis, A. (2012). Social Studies for CSEC: A Caribbean Examinations Council Study Guide, Nelson Thornes Ltd.

Chapters in Book

- * **Cook, L.D.** “The impact of teachers’ locus of control on students’ perception of teachers within selected urban schools in Jamaica”, in The International Handbook of Cultures of Teacher Education. Comparative International Issues in Curriculum and Pedagogy. ed. by B. Boufoy-Bastick). Strasbourg: Analytrics, 2011. (pp. 563-590)
(<http://www.analytrics.org/Pages/default.aspx>)
- * **Joong, Y.P.** & Noel, K. (2012) “The Perceptions of Teachers in Sierra Leone’s Secondary Education Reform”. Chapter in Robert A. DeVillar & Binbin Jiang (eds.). Transforming Education: Global Issues, Experiences and Perspectives.
- * **Joong, Y. P.** & Ryan, T. (2011) “Teachers’ and Students’ Perceptions of Secondary Reform and Implementation: China and Canada Comparison”. Chapter in Ali Abdi & Yvonne Hébert (eds.). Comparative and International Education: A Diversity of Voices. Sense Publishers.
- * **Morris, Halden A.,** “Chapter 7: Tertiary Technical and Vocational Education and Training (TVET) In the Caribbean: A call for Engagement” in Higher Education in the Caribbean: Research, Challenges & Prospects, edited by Austin Ezenne, Information Age publishing Inc. USA, 2011, 195-230.

Refereed Journal Articles

- * **Anderson, S. R.** (2012) “Psycho-Educational processes as Strategies for Students Presenting with Emotional and Behavioural Disorders”. *American International Journal of Contemporary Research* Vol. 2 No. 7:.(July 2012): 25-36.
- * **Down, L.** (2012). ‘Beginning Teachers as Change Agents – for Sustainable Societies.’ *Caribbean Journal of Education*, vol. 33, no. 1, April 2011
- * **Down, L.** (2011) ‘Education for Sustainable Development – Latest Buzzword or a Paradigmatic Shift in Education’.

Caribbean Journal of Education for Sustainable Development, (Online)
vol 1, no.1, pp8-16.

- * **Griffith, S. A.** (2011). The Impact of Smaller and Larger Online Group Conferences on Student Achievement. *International Journal of Instructional Technology and Distance Education*, 8 (5), 67-80.
- * **Hutton D. M (2011)**. Profile of the High Performing Principals: Some Revelations of the Jamaican School System. *Journal of the University College of the Cayman Islands (JUCCI)*, Vol.5, 48-74
- * **Jennings, Z.** (2012) Resource and Technology: A beacon for change in the reform of Jamaica's education system-or a 'pipedream'? *International Review of Education* Vol. 58 No.2, 2012
- * **Joong, Y. P.** (2012). Perceptions of Parents, Teachers, and Students on Secondary Education Reforms in China. *Peabody Journal of Education, Special Issue, Winter 2012, Vol 87, Issue 2*, 267-282.
- * Ryan, T.G. & **Joong, Y.P.** (2012, In Press). Revisiting Ontario Teachers' and Students' Perceptions of Large-Scale Reform. *International Journal of Educational Reform*.

Non-refereed Publications

- * **Down, L.** (2012) 'A Community-Centred Approach to Education for Sustainable Development.' International Association of Universities (IAU), *Horizons Magazine*, Vol.18, no.2
- * **Down, L.** (2012). 'Higher Education and Sustainability in the Caribbean region.' Higher Education in the World 4, Higher Education Commitment to Sustainability: from Understanding to Action, GUNI Series on the Social Commitment of Universities 4

- * Down, L. (2012) 'How Climate Change Education is Influencing Pedagogy for Teacher Education' in UNESCO Innovemos, Education Innovations Network for Latin America and the Caribbean <http://www.redinnovemos.org/content/view/14/197/lang,en/>
- * **Down, L.**, Collins-Figueroa, M., Hordatt-Gentles, C., (2011). UNESCO Education for Sustainable Development (ESD) Project Report, pp. 1-8.
- * **Down, L.** (2011) Case Study 'Literature and Education for Sustainable Development' in Daniella Tillbury ed. 'Education for Sustainable Development: An Expert Review of Processes and Learning' UNESCO <http://www.unesco.org/en/education-for-sustainable-development/monitoring-evaluation-process/>
- * **Spencer-Ernandez, J., Edwards-Kerr, D. & Faulkner, D.** (2012). Review of Early Childhood Education with Special Emphasis on Special Education. The Ministry of Education and Human Resource Development, the Commonwealth of Dominica and the Caribbean Development Bank. (February 2012) pp 94.
- * **Spencer-Ernandez, J. & Edwards-Kerr, D.** (2011). Review of Primary and Secondary Schools' Organisation and Instructional Practice in Curriculum Delivery- Montserrat. The Ministry of Education, Montserrat, the Caribbean Development Bank. (December 2011) pp135

Conference Proceedings

- * Hordatt Gentles, C., Down, L., Collins-Figueroa, M., & **Newman, M.** (2011). "Changing Concepts of Professionalism among Beginning Teachers in Jamaica". Proceedings of the World Assembly 2011, International Council on Education for Teaching Conference, Glasgow, Scotland (25 pages)

INCOME GENERATION

UWI/UNESCO Conference on TVET and Human Capacity Development in the Caribbean, March 7-9, 2012 – Approximately J\$1,000,000.00

PUBLIC SERVICE

Dr. Susan Anderson

- Member, WERA group (a subgroup of the AERA)
- Board member for *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, the Sir John Golding Institute
- Member, Jamaica Association for Special Educators

Ms. Vilma Charlton

- Third Vice President, Jamaica Athletics Administrative Association
- Executive Member, The Jamaica Physical Education Association
- UNESCO representative, Caribbean and Central American Region Physical Education and Sport Committee (CIJEPS)

Dr. Marceline Collins-Figueroa

- Member, Steering committee, Global Universities Partnerships for Environment and Sustainability (GUPES).
- Member, Steering committee, Mainstreaming Environment and Sustainability in Caribbean Universities (MESCA)

Dr. Rose Davies

- Caribbean Region Coordinator, World Forum Foundation on Early Childhood Care and Development
- Member, Board of Directors, Child Development Agency (CDA)
- Commissioner of the Board, Early Childhood Commission, Jamaica & Chair, Training and Development Sub-Committee
- Member, Board of Directors, CHASE FUND & Chair, ECE Sub committee
- Chairman, Joint Board of Teacher Education, UWI, Co-Chair of the MOE/JBTE B.Ed Degree Transition Committee

Dr. Lorna Down

- SOE representative, International Network associated with the UNESCO Chair on Reorienting Education to Address Sustainability
- Lecturer/Facilitator, UNESCO Pilot Climate Change Education for Sustainable Development Course
- Judge, JCDC Literary Arts Competition
- Member, Editorial Board, *Journal of Teacher Education and Training*, Institute of Sustainable Education, Daugavpils University, Latvia
- Member, Editorial Board, *Southern Africa Journal of Environmental Education, Ethics and Action*

Dr. Carol Hordatt Gentles

- Member, University Council of Jamaica
- Chair, AC&D Sub Committee BEd. Education Undergraduate Advisory Committee: University of Technology, Jamaica. Faculty of Education and Liberal Studies
- Member, Board of Directors, International Council on Education for Teaching (ICET)

Prof. Stafford Griffith

- Member, National Council on Education, since October 31, 2011
- 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
- Chairman (and Commissioner), Operations and Development Committee, Overseas Examinations Commission

Prof. Zellynne Jennings-Craig

- Member, Senior Policy Making Group, MOE
- Chair, UCJ Board for Teacher Education
- Council Member, United Nations University
- Chair, Academic Quality Assurance Committee, University of the West Indies, Mona
- Peer Reviewer for journals – *International Journal of Educational Development* and *Development in Practice*

Dr. Y. P. Joong

- Assisting Missionaries of the Poor (MOP) with Accreditation of its Associate Degree program at University Council of Jamaica (UJC)

Dr. Halden Morris

- Commissioner, Overseas Examinations Commission
- Chair, Procurement Committee
- Chief Examiner for CXC CAPE – Electrical & Electronics Technology
- External Examiner for Community Colleges of Jamaica (Electrical Technology Subjects)

- Chief External Examiner – UTech School of Technical & Vocational Education
- Member of team for Jamaica’s TVET Policy Development
- Institute of Electrical and Electronics Engineers (IEEE) Professional Activities Chair – Area 9, Jamaica)

Dr. Mairette Newman

- Chairperson, National Committee for the Selection of Master Teachers
- Member, Caribbean Examinations Council (CXC) National Committee.

FACULTY OF LAW

MONA

Year ending July 31, 2012



**Derrick McKoy, JP, LLB UWI, LLM Lond, MBA Barry,
DBA NSU, PhD Leic – Dean**

Overview

Highlights

Academic Achievements

The 2011/12 Academic Year was an historic one for the Faculty of Law at UWI. On July 31, 2012, after 42 years of its existence, the Faculty of Law was disestablished and replaced by three Faculties of Law, one on each of the main Campuses of the University of the West Indies. In keeping with the best practices observed over the years, the new Faculties of Law have agreed to retain a common curriculum and harmonized regulations. In the case of the LLM programme offered at Cave Hill, lecturers at the Mona Campus will continue to teach on these programmes. Mona will offer its LLM programme in the coming academic year.

The Faculty of Law Building at Mona was officially opened on 3 November 2011 by the Honorable Delroy Chuck, then Minister of Justice of Jamaica, who also served as guest speaker at the Opening Ceremony. On 6 March 2012, His Royal Highness, Prince Henry of Wales toured the newly established Faculty of Law and unveiled a plaque at the entrance to the building to mark the occasion of the Diamond Jubilee of Her Majesty, The Queen. In the course of the ceremony the Vice Chancellor, Professor Nigel Harris, conferred on Prince Harry the title of Honorary Fellow and awarded him a silver medal to mark the occasion of his visit to the UWI, Mona.

The 2011/2012 Academic Year marked the completion of the first three-year cohort of students in the Mona Law programme. This will be the first time that the Mona Campus will have a distinct graduating class in law. The Faculty declared 71 LLB degrees, seven of which were with 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 252 new students; two-thirds of those went into the full-fee paying programme. There were an additional 200 students returning to Parts II and III of the programme.

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

Staff Achievements

Natalie Corthésy, Lecturer in the Faculty of Law with specialization in Intellectual Property Law, hosted a series of seminars in collaboration with the Jamaica Anti-Piracy Alliance (JAPA). These seminars spanned April 2011 to April 2012. The seminars were designed to strengthen the legal framework to combat piracy and were well supported by Resident Magistrates from across the island.

Tracy Robinson began her four year term as a Commissioner on the Inter-American Commission on Human Rights in January 2012. In March she was elected as First Vice President of the Commission. She serves as the Rapporteur for the Rights of Women of the Commission.

Derrick McKoy, Dean of the Faculty, published a book entitled *Corruption: Law, Governance and Ethics in the Commonwealth Caribbean*. The launch was held in the Faculty on 14 March 2012 with Professor Trevor Monroe serving as Master of Ceremonies. This book was cited in a Book Review article in *The Sunday Gleaner* of January 1, 2012 as being “nuanced towards policy formulation and could become the first in a series of academic as well as more practitioner-oriented publications dealing with corruption in the Commonwealth Caribbean”. It is expected to be widely used as a reference text for a number of core law courses.

Gilbert Kodilinye, Professor in Law, is the leading Trusts lawyer in the Commonwealth Caribbean. During the 2011/2012 Academic Year, he published a new edition of the book *Commonwealth Caribbean: Law of Trusts 3rd edition*. This was released in September 2012 and awaits official launch. This new edition, like previous editions, is expected to be the primary text for Trust Law courses in the Caribbean.

Conferences, Seminars and Guest Lectures

A Roundtable Discussion on “The Caribbean Court of Justice, its Judicial Protection of Human Rights and Access to Justice” was hosted by the Faculty on November 15, 2011. Roundtable Discussants were: Dr. Nadia Bernaz, Senior Lecturer and Programme Leader, MA Human Rights and Business at Middlesex University; Ms. Nancy Anderson, Tutor, Norman Manley Law School; Mr. David Batts, QC, Partner at Livingston, Alexander and Levy; Mrs. Arlene Harrison-Henry, Attorney-at-law, Chair, Independent Jamaican Council for Human Rights and; Dr. Leighton Jackson, Senior Lecturer, Mona Law, UWI. Remarks were provided by Dr. Lloyd Barnett, OJ, Member of the Regional Judicial and Legal Services Commission, Caribbean Court of Justice.

The Faculty hosted a Mona Law Development Seminar entitled “A Career as an International Human Rights Lawyer” on January 31, 2012. The guest speaker at the seminar was Mr. Hilaire Sobers, Staff Attorney at the Inter-American Commission on Human Rights. All students of the Faculty of Law had the opportunity to benefit from his wealth of knowledge and got first-hand information on additional training that is desirable in such a field as well as the sort of job opportunities that are available to lawyers.

A Special Human Rights Lecture was delivered in the Faculty on February 7, 2012 by Mr. Rick Lines, Executive Director of Harm Reduction International and Co-founder of the International Centre on Human Rights and Drug Policy. The Lecture was on the topic “Concerned with the Health and Welfare of Mankind? : Drugs, Human Rights and Bridging “Parallel Universes””.

The Faculty Environmental Law Society hosted a Climate Change Symposium entitled “Climate Change: Advocating a Lost Cause” on April 4, 2012. This was spearheaded by Mrs. Laleta Davis-Mattis, part-time lecturer in the Faculty and Academic Advisor to the Society.

On February 15, 2012 a public lecture was arranged by the Mona Law Society as a part of their Annual Law Week. The Lecture was conducted by attorney-at-law, Mrs. Jacqueline Samuels-Brown.

Other Special Events

Dr. Nicholas Liverpool, President of the Commonwealth of Dominica visited the Faculty on November 25, 2011.

On December 20, 2011 the Faculty of Law Building was host to the National Leadership Debates in preparation for the 2011 General Elections.

The Jamaica Defence Force in collaboration with the University of the West Indies and the Faculty of Law hosted *Views from the Top: a Conversation with the JDF Chiefs*, on February 16, 2012. This was done in honour of the seven (7) living Chiefs of Staff of the Jamaica Defence Force which spans the period 1973 to 2012. The Faculty was presented with a sketch of the Chiefs and a duplicate copy kept by the JDF.

As a part of the Diamond Jubilee Celebrations, Prince Henry of Wales represented his Grandmother, Queen Elizabeth II, in visiting islands in the Caribbean. Among the sites visited in Jamaica was the Faculty of Law at Mona on March 6, 2012. The Prince was given a short tour of the Building by Rhodes Scholar and Faculty of Law Tutor, Ms Kamille Adair. He also observed a Mooting Session which was in progress in the Faculty and unveiled a plaque at the front of the Building in commemoration of his visit.

On March 12, 2012 two (2) copies of the Rules of Procedure governing the hearing of cases by CARICOM’s Competition Commission under Chapter 8 of the Revised Treaty of Chaguaramas were donated to the Faculty of Law. The presentation was made by Ambassador A. B. Stewart Stephenson of the Norman Manley Law School Legal Aid Clinic. The

documents were presented to the Dean of the Faculty and the Law Librarian.

The Right Honourable Sir Charles Michael Dennis Byron, President of the Caribbean Court of Justice, was hosted by the Faculty for tea on April 11, 2012. Sir Dennis was on official visit to Jamaica and agreed to meet with staff and student representatives in the Faculty.

Student Enrichment

State of the art technology is provided in the Faculty to enhance the teaching and learning experience of both staff and students. Wireless Internet has been made accessible throughout the building and also in the gazebos on the periphery. Sound proof reading rooms are provided in the Law Library to facilitate group deliberations.

The Staff/Students lounge in the Faculty is equipped with furniture and appliance to promote relaxation in our effort to produce well-rounded students.

Six Internship positions were secured through the Tourism Enhancement Fund and the Academic Advisor of the Faculty of Law Environmental Society. Students from the Faculty of Law were placed at various institutions in the corporate area as a part of the TEF Summer Internship Programme.

Students have ready access to library databases which enrich their learning experience. WestLaw and LexisNexis are two (2) of the main databases which are subscribed to by the Faculty. They provide information on common law cases and news updates on happenings in different jurisdictions.

Throughout the 2011/2012 Academic Year the Mona Law Society contributed to the Faculty and student enrichment extensively. Some of the activities included conducting guided tours of the building during Research Day and other special functions; arranging a Med /Law Lyme

which was geared towards providing an opportunity for students from the Faculties of Law and Medicine to interact in a more relaxed environment.

The Law Society observed its Annual Law Society Week February 13-17, 2012 under the theme “Mona Law Society: Breaking the Mold”. The Week was filled with student-centred activities such as Valentine’s Day Breakfast in the Courtyard; an Arts Night Concert, Sports Day as well as a Miss Law Pageant competition which allowed the students to showcase their varied talents.

PAPERS PRESENTED

Corthésy, Natalie

- “Life Plus 50 Striking a Balance Between the Term of Copyright Protection and Jamaica’s Public Domain”, SALISES 50/50 Conference Law and Justice in the Commonwealth Caribbean: The Post-Independence Experience, The Jamaica Pegasus Hotel, February 3, 2012.

Ffolkes-Goldson, Suzanne

- “Corporate Governance since Independence”, SALISES 50/50 Conference Law and Justice in the Commonwealth Caribbean: The Post-Independence Experience, The Jamaica Pegasus Hotel, February 3, 2012.
- “The Case for a New Insolvency Regime”, Jamaica Bankers Association and CaPRI seminar, September 7, 2012.

Matthews, Janeille

- “Proscribing Buggery in Antigua and Barbuda: Section 12 of the Sexual Offenses Act of 1995 and the Way Forward”, Violence, Discrimination and Sexual orientation in the Caribbean: the role of legal education, Havana, Cuba (5/11-12/2012) organized by the University of Havana law School, American University Center of Latin America and Latino Studies, Centro Nacional de

Educación Sexual (CENESEX) and the Red Latinoamérica de Académico/as del Derecho (ALAS Network).

Derrick McKoy

- “Deception, insecurity, and poetry in Jamaica’s Westminster Constitution: Making sense of the reform process”, Continuing Legal Education Seminar, Jamaican Bar Association, in association with the General Legal Council and The University of the West Indies, Mona Visitors’ Lodge, Kingston, Jamaica, May 5, 2012. 7 pages.
- “I can see clearly now: The Commonwealth Caribbean anticorruption project over the last fifty years” – SALISES 50/50 Conference on Law and Justice in the Commonwealth Caribbean: The Post-Independence Experience, Kingston, Jamaica, February 3, 2012, 30 pages.
- “Management and Responsibility: Redefining Accountability for the Contemporary Commonwealth Caribbean Corporation”, Public Lecture, UWI Open Campus/St Kitts-Nevis-Anguilla National Bank, Basseterre, St Kitts, July 11, 2011. 11 pages.
- “Common Sense and Sensibility: Seeking New Values for the Innovative Corporation”, Keynote Lecture, St Kitts-Nevis-Anguilla National Bank Annual Compliance Conference, Basseterre, St Kitts, July 9, 2011. 10 pages. Available at SSRN: <http://ssrn.com/abstract=2028780>.

Robinson, Tracy

- “Reading our Imperfect Constitutions as Poetry.” 50|50 Conference: Law & Justice In The Post-Independence Era – Reflecting on the first fifty years, projecting beyond, February 2-3, 2012, Kingston, Jamaica
- “Sexual Harassment in the Workplace: Let the Conversation Begin”, Jamaica Bar Association in Association with the General

Legal Council, Continuing Legal Education Week-End Seminar, November 20, 2011, Jamaica.

- “No ‘Poor Thing’: The Right of Victims of Crime to the Protection of the Law”, Caribbean Association of Judicial Officers 2nd Annual Conference, “Bringing the law closer to the people”, October 7, 2011, The Bahamas.
- “The Inter-American Jurisprudence on Violence Against Women”. MESECVI, OAS, IACHR Seminar, “Human Rights, Violence Against Women and Access to Justice”, Washington DC, September 27, 2011.
- “Measurable Justice: The Contribution of the Caribbean Death Penalty Jurisprudence”, IACHR UWI “The Inter-American System and the Caribbean: A Symposium”, October 12, 2011, Barbados.
- “A Teach-In on the Sexual Offences Act 2009”, seminar presentation with Tenesha Myrie organized by Friedrich Ebert Stiftung Jamaica and the Eastern Caribbean, November 24, 2011.
- “An Anatomy of Judging on Gender Equality and Gender Justice in the Caribbean”, The Judicial Education Institute Eastern Caribbean Supreme Court, UN Women Colloquium on Gender the Law, November 17, 2011, St. Lucia
- “Principles of Gender Equality”, Judicial Retreat of the Barbados Judiciary, Barbados, December 15, 2011.
- “Justice in the Gendered Society”, Colloquium on The Courts, Gender Equality and Domestic Violence for Magistrates, July 6-7, 2012, Georgetown Guyana
- “Violence and Discrimination Against LGBTI Persons” Expert Meeting on Discrimination, Violence and Impunity against Lesbians, Gays and Trans, Bisexual and Intersex Persons”, IACHR, February 23-24, 2012, Washington DC.

- “Guaranteeing Women’s and Girls’ Right to Health: The International Obligations of States with Regards to Maternal Mortality and Sexual Violence”, International Day of Action for Women’s Health “Challenges in Guaranteeing Women and Girls’ Right to Health”, May 29, 2012, Nicaragua.
- “Access to Justice for Women Victims of Sexual Violence” - Workshop to launch the Access to Justice for Women Victims of Sexual Violence report, Inter-American Commission on Human Rights and the United Nations Population Fund, May 31, 2012 Guatemala.

PUBLICATIONS

Corthésy, Natalie

- * “Challenges to Combatting Piracy and Counterfeiting in Jamaica” – proceeding from The World Intellectual Property Organisation’s Colloquium for Teachers of Intellectual Property, Geneva, Switzerland, June 2011. 18 Pages

Matthews, Janeille

- * Caribbean Human Development Report 2012 – United Nations Development Programme

Book

Derrick McKoy

- * 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*, 1-22.
- * “Leaving the Matrix: Moving from the Perception of Corruption to Transparency in Commonwealth Caribbean Public Procurement” (2011) 20, Issue 5 *Public Procurement Law Review* 137-156.

PUBLIC SERVICE

Corthésy, Natalie

- Member, Board of the Jamaica Intellectual Property Office
- Member, Jamaica Bar Association
- Member, Board of the Alliance Francaise de la Jamaïque
- Special Advisor, Intellectual Property Law, Jamaica Anti-Piracy Alliance

Fflokcs-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

Derrick McKoy

- Chairman, Fair Trading Commission
- 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, 2012



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

Overview

The Year 2011/2012 was a challenging yet successful year. The Faculty of Medical Sciences (FMS) maintained its drive to manage the increased enrolment of undergraduate medical students with greater emphasis on international students, primarily as a source of income generation. This has been complemented by the Faculty's efforts to expand the clinical sites to ensure standards are maintained and that training remains at its optimum.

The UHWI business plan has been completed, but is yet to be implemented. The plan was strategically designed to provide a more sustainable and profitable business arrangement for the UHWI, with greater involvement of the UWI on issues related to funding. The plan also served to establish greater engagement and dialogue with the Ministry of Health.

Student achievements during the academic year represented the best results ever had in the Faculty. Only four students of those who sat the final MBBS examinations in May/June 2012 were unsuccessful. There has been significant emphasis on research and innovation, and in the strengthening of the Research Resources Centre. The FMS/TMRI Research Fellowship programme has been beneficial to a number of academic staff.

The Faculty underwent two major exercises. The first was the Quality Assurance Review during December 2011 for the clinical medicine programme which covered years 3-5 for the MBBS programme, and for

the DM programmes. Generally, the review found that the Faculty was meeting its set objectives and noted the high quality of the educational process. A few concerns were raised, particularly regarding the re-establishment of the Medical Educational Unit, which will be of significant importance for staff development and which the Faculty will work at resolving during the next academic year. The second was the CAAM-HP accreditation of the MBBS programme conducted in March 2012, which saw the Faculty receiving a five year (2012-2017) accreditation. There were areas highlighted which required improvements and these will also be addressed in the near future.

Student Enrolment and Access

Table 1 below shows a comparison of undergraduate enrolment for the academic year 2011/2012 with the previous year.

Student Enrolment in the Faculty of Medical Sciences – 2011/2012

Programme	Majors and Minors	No. of Students 2011/2012	No. of Students 2010/2011
BBMedSci	Anatomy	8	8
	Biochemistry	–	–
	Pharmacology	59	51
	Physiology	9	7
	Year 1 Students	46	53
	Subtotal	122	119
BSc	Nursing (Post RN) Online Delivery	223	212
	Nursing (Generic)	839	814
	Physical Therapy	161	140
	Diagnostic Imaging	86	79
	Subtotal	1309	1245

DDS	Doctor of Dental Surgery	37	35
MBBS	Bachelor of Medicine & Surgery	1207	1038
	Total	2675	2437

STUDENT ACHIEVEMENTS

Undergraduate Programme 2011/2012

MBBS:

- Dean's List: 52 students
- Honour Society: 10 students
- Outstanding Grauduands: 2 students

Nursing:

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

Physical Therapy:

- Dean's List: 1 student
- Honour Society: 1 student
- Outstanding Grauduands: 2 students

BBMedSci

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

Diagnostic Imaging

- Dean's List: 12 students
- Honour Society: 4 students
- Outstanding Graduates: 2 students

The Faculty graduated Undergraduate students in the Academic year 2011/2012:

MBBS	150
BSc Nursing (generic)	80
BSc Nursing (Post RN)	73
BSc Physical Therapy	23
BBMedSci	32
BSc Diagnostic Imaging (Radiography)	18

MBBS Examination Results

The MBBS Examination for academic year 2011/2012

	Pass	Honours	Distinction	Fail/FA
Medicine (MDSC553)	125	4	–	4
Surgery (MDSC555)	126	5	–	6
Obstetrics & Gynaecology (MDSC554)	121	5	4	4

Prizes/Medals

The following students were awarded prizes in the final MBBS examinations for Academic Year 2011/2012:

Medals

- Overall Clinical Medal: – Katherine Innis
- Medicine and Therapeutics Subject Medal: – Katherine Innis
- Surgery Subject Medal: – Katherine Innis

Obstetrics and Gynaecology Subject Medal:	–	Katherine Innis
Pathology/Microbiology Medal	–	Katherine Innis

Prizes/Bursaries

Professor Owen Morgan Prize in Medicine and Therapeutics	–	Katherine Innis
Allenbury Prize in Medicine	–	Kathryn Swaby
The Dr. John Hall Book Prize	–	Katherine Innis Kathryn Swaby Brenton Barnett Stephanie Williams

Medical Association of Jamaican Insurance

Fund Prize in Obstetrics and Gynaecology	–	Katherine Innis
Professor Lois Grant Book Prize	–	Katherine Innis
Professor S. Brooks Memorial Prize	–	Katherine Innis
Astley Karl Banbury Prize in Medicine	–	Katherine Innis

Prizes Awarded to BSc Physical Therapy Students, 2011/12

Overall clinical prize	–	Rushell Bennett
Final professional examination prize (practical)	–	Roston Wood
Final professional examination prize (theory)	–	Domoniek Smart
Rehabilitation 1 prize	–	Dominic Wilkes
Rehabilitation 2 prize	–	Jodi-Ann Vaz and Domoniek Smart
Rehabilitation 3 prize	–	Najeeva Foster
Anatomy		Not awarded this year

Research

The number of research publications has improved. However, only per capita of 1.5 of referred papers per full-time staff has been published. Greater emphasis continued to be placed on encouraging publications within the Faculty. One way in which this has been achieved has been through the offering of financial support/scholarship for academics, as well as through emphasis on ensuring that staff joining the Faculty is research-oriented. The Clinical Research Fellowship established with the TMRI continues to be instrumental in this effort. The number of proposals to the UWI Ethics Committee has increased significantly. Commendations were extended to the FMS for its extensive work in the UWI Research Day 2012 under the theme “Promoting Health and Wellness: The UWI Mona’s innovative approach”. Despite the many challenges, the FMS has remained the leader in research within the University.

Table 3

Publications per Department

Department	Publications 2010/2011	Publications 2011/2012	Conference Presentations 2010/2011	Conference Presentations 2011/2012
UWI School of Nursing	1	6	10	15
Basic Medical Sciences	41	37	36	15
Comm Health & Psychiatry	41	35	39	23
Medicine	20	19	31	34
Obstetrics & Gynaecology	19	24	10	1
Child Adolescent Health	22	20	–	45
Pathology	28	27	22	20
Microbiology	12	3	–	6

Surgery, Radiology, Anaesthesia & Intensive Care	37	44	51	85
TMRU/Sickle Cell Unit	46	56	–	41
TOTAL	267	271	199	285

Research Awards

At the Principal’s Annual Awards Ceremony, one paper was awarded “**Best Research Publications**”.

- **Celia DC Christie, Russell B. Pierre, Paulette M. Palmer, Jacynth T. Moore, Collette Billings, Leslie A. Samuels, Tracey Evans-Gilbert, Beverly Rodriquez, and Kevin Harvey** – “The Jamaica Paediatric, Perinatal and Adolescent HIV/AIDS (JaPAAIDS) Programme.
- **Susan Chang and Susan Walker** – “Improving development in young children: the importance of early development”.
- **Peter J. Figueroa and Karen Webster-Kerr** – “Success in controlling a major outbreak of malaria because of plasmodium falciparum in Jamaica.
- **Celia DC Christie, Newton D. Duncan, Kirk A. Thame, MT Hyacinth Smith, Lavern Malcolm** and collaborators – “Pentavalent Rotavirus Vaccine Trial in Developing Countries: Safety and Health Care Resource Utilization”, *Pediatrics* 2010;126(6):e1499-e1506.

The most “**Outstanding Researchers**” were:

- **Professor Marvin Reid of the Sickle Cell Unit, Tropical Medicine Research Institute**

Marvin Reid is a Professor and Head of the Sickle Cell Unit. His research accomplishments for the period under review included publication of 16 papers in high-impact peer-reviewed journals,

personally attracting J\$1.83M in research funds and providing the kind of leadership to the Sickle Cell Unit that resulted in research grant inflow in excess of US\$4M.

- **Professor Horace Fletcher of the Department of Obstetrics and Gynaecology**

Horace Fletcher serves as Head of the Department of Obstetrics and Gynaecology. During the period under review he published 11 articles in moderately high-impact peer-reviewed journals and attracted J\$4.5M in research grant funds. He is also the author of a recently released anthology of short stories entitled “Fish Kill: And Other Modern Day Fables”.

- **Dr. Maria Jackson of the Department of Community Health and Psychiatry**

Maria Jackson is a Senior Lecturer in the Department of Community Health & Psychiatry. During the period under review she produced a definitive body of work related to dietetics and nutrition resulting in seven (7) publications, six of which appeared in high-impact peer-reviewed journals. She also attracted J\$1.99M in research funds.

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

No selection was made in this category.

The final category “The research Project with the Greatest Business/Economic/Development Impact” was:

- **Susan P. Walker, Susan M. Chang, Christine A. Powell, Helen J. Henningham, Dawn M. Stephenson and collaborators – “ Parenting Interventions in the Caribbean”.**

This is a pilot project which involves a cluster-randomized trial to evaluate delivery of early child development interventions integrated into the usual health services in Jamaica, Antigua and St. Lucia. It uses videoed child development messages and community health aides, trained to discuss the video messages

with mothers. Activities that mothers can do with their children are also demonstrated. The project has been recognized for its developmental potential by the World Bank and the Inter-American Development Bank.

Research Grants

The Faculty received numerous research grants in excess of US\$5.9m, J\$28.4m, £455,400 and Can\$264,962.78 across several departments. Details of these appear in the individual departmental reports.

Graduate Studies

The following new programmes were launched during the year.

- DM in Family Medicine
- MSc in Physical Therapy

Registered Students (2011-2012 – Graduate Studies)

Programme	Numbers 2010/2011	Numbers 211/2012
Specially Admitted	5	2
Dip Family Medicine	9	22
DM	315	338
DPH	16	24
MPH	49	41
Taught Masters	170	177
MPhil	53	45
PhD	47	42
Total	664	711

Income generation and budgetary considerations

Much emphasis has been placed on this area during the academic year. Several departments undertook a number of initiatives and these have been successful. Overall, the Faculty continues its drive to introduce

full-fee paying programmes, particularly for graduate programmes. Even though the Faculty has made significant strides in the management of the increased enrolment for the undergraduate programme it continues to be challenged by the associated costs.

Conclusion

The FMS offers one of the top medical programmes in the world and this was attested to by the recent accreditation by the CAAM-HP Authority. Steps must be taken to have other programmes in the Faculty accredited, including UWISON. However, the Faculty offers world-class medical and nursing programmes, and the standard must be maintained. This means that the facilities of the Faculty must also improve simultaneously. While there are gaps to be filled, significant progress has been made and internal quality review standards must also be met. Additionally, the Faculty has again shown that while student enrolment has increased, the quality of our programmes remain at a high standard. Quality of graduates from the Faculty must not be compromised. Significant issues have been raised regarding the professional and ethical behavior of some students, which must be addressed expeditiously. There continues to be focus on increasing the number of graduate programmes to meet the needs of the region.

The Faculty remained concerned about the financial stability and better management of financial resources must be a priority across the Faculty, particularly as The UWI is charting a new direction to move away from Government funding and to become self-sustainable. Notably, the Faculty has strategically positioned itself to realize the construction of new facilities and the renovation of existing ones.

DEPARTMENT OF BASIC MEDICAL SCIENCES

Prof. 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 Plan and also some of the recommendations from the five-year review for the Basic Medical Sciences. The major achievements included:



- The review of the BB Med Sci programme
- Increased student intake in the BB Med Sci 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 throughput of MPhil and PhD students
- The introduction of taught master's programmes in Forensic Science, Applied Pharmacology and Physical Therapy
- The introduction of a Diabetes Education Curriculum for Health Care Professionals
- The improvement of the IT infrastructure in the Physiology Lecture theatre and the Pre-Clinical Lecture Theatre for teaching
- The acquisition of teaching and research equipment
- The appointment of new academic staff

- The development of core research centres to support specific research areas e.g. genomics, pharmacology and toxicology
- Investment in world-class research and teaching infrastructure
- Stimulate translational research and commercialisation

In 2011/12 three hundred and twenty-seven (327) students were registered in the MBBS/DDS programmes, 47 in the BB Med Sci programme and 70 in the Physical Therapy programme. Two hundred and eighty-eight (288) students were enrolled in the introductory Biochemistry course. Job shadowing was introduced for final year students in the BB Med Sci programme. Students visited Roche Pharmaceuticals, CARIMED, The Ministry of Health – Pharmaceutical Division, the Fair Trading Commission, IPCA Pharmaceuticals, Lascelles, Health 2000, and the National Health Fund.

Students' assessment of teaching was good as the academic staff continues to be highly rated by students. Members of the academic staff and their postgraduate students participated in several international conferences and were also successful in attracting research funds of approximately US\$265,060. The research output per academic staff declined, approximately 1.0 original paper published per staff in peer-reviewed journals.

Professor Helen Asemota completed her secondment at Shaw University, USA where she served as the Principal Investigator for the “Shaw in Jamaica MoN Prostate Cancer Research Project”. Dr. Michelle Hamilton continued her secondment to the Ministry of Health. Several new academic staff members were appointed. These include Dr. Pierre Louboutin, Senior Lecturer in Anatomy, Dr. Rustam Aminov, Senior Lecturer in Microbiology, Dr. Mohammad Ali, Lecturer in Molecular Biology and Dr. Jacqueline Corness, Senior Lecturer in Physiology.

The department hosted several workshops during the last academic year. The Departments of Basic Medical Sciences and Surgery jointly hosted the *2nd Anti-doping in Sports* workshop; The Section of Physical Therapy hosted a workshop on *Injury Prevent at Work*. Some of the participants were from

Grace Kennedy, Guardian Life, The Shipping Association of Jamaica and Pharmacology Section hosted a *Drug Clinical Trial* workshop.

The Department of Basic Medical Sciences in continuing to build its core forensic and bio-analytical research and service facilities received approval to establish an independent commercial Forensic Toxicology Unit under the name “CARIBBEAN TOXICOLOGY” [CARITOX]. CARITOX will provide forensic toxicology and consultancy services to the legal profession involved in both civil and criminal cases as well as clinical and non-clinical toxicology analytical services. CARITOX along with CARIGEN will provide a wide range of forensic services to clients and support teaching at the graduate and undergraduate levels in forensic science and research within the University.

The Department over this past year mourned the loss of Professor Emeritus Manley West. A Pharmacology Post graduate Prize was named in his honour. Professor West will be remembered for his work on *Cannabis sativa* and the development of two drugs, Cannasol® used to treat glaucoma and Asmasol® used to treat asthma, coughs and colds. It also reduces vomiting and nausea in patients with cancer and AIDS.

The department continued to make preparations to relocate to the New BMS Complex (The Faculty of Medical Sciences Teaching and Research Complex).

STAFF AWARDS AND PROMOTIONS

Miss Garsha McCalla received the prize for Best Oral Presentation and Mrs. Annice Webber-Waugh received the prize for Best Poster at the Faculty of Medical Sciences 20th Annual Research Conference. Stacey Stephenson received the American Society for Microbiology (ASM) prize for best poster, ASM Annual Meeting.

STAFF DEVELOPMENT

Dr. Jacqueline Corness completed a **MA in Education**, from the University of Hertfordshire, UK. **Dr. C. R. Nwokocha** acquired expertise in patch clamp electrophysiological techniques and analysis of

cell membrane currents of smooth muscle cells of small arteries of rodents as well as techniques involved in single cell isolation from resistance arteries (of rats), pipette preparation, whole-cell and isolated patch recording configurations and data analysis. The training was carried out with The Smooth Muscle Research Group, Department of Physiology & Pharmacology and Hotchkiss Brain Institute and Libin Cardiovascular Institute, Faculty of Medicine at the University of Calgary. Dr. Arkene Levy through collaborative research with NOVA South Eastern University – Rumbaugh Goodwin Institute for Cancer Research, standardized western blot protocols for the detection of FAK expression in ovarian cancer samples from Jamaican women. Miss Garsha McCalla, Dr. C. Gordon, Dr. S. Martin, Mrs. Audrey Jacobs and Ms. S. Williams successfully completed the Postgraduate Certificate in University Teaching and Learning Programme at UWI. Mr. Everton Thomas received training at Michigan State University, Michigan, USA in Interactive Organ System Pharmacology (IOSP). Dr. Lisa Lindo was appointed as a Non-Professorial Representative to Academic Board for 2012/2013 Academic year.

PAPERS PRESENTED

- Lindo, J.F., Brown, P.D., Vickers, I.E., Brown, M.G., Jackson, S.T. and Fuller, E.L. (2012). 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.
- Brown, P.D. (2012). Rat attack: Leptospirosis and other zoonosis. Medical Association of Jamaica Annual Symposium; Kingston, June 8, 2012.
- Stephenson, S. and Brown, P.D. (2012). *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)

- Beckford, T., Golden, K., Irving, R and Poudevigne, M. (2012). “Metabolic and Psychological Adaptations in Jamaican Athletes”. 59th Annual Meeting and 3rd World Congress on Exercise in Medicine of the American College of Sports Medicine. Moscone west convention Center. San Francisco California. May 29 – June 2, 2012

Faculty of Medical Sciences 20th Annual Research Conference, Kingston, Jamaica, November 9-11, 2011.

- Stephenson, S. and Brown, P.D. (2011). Transferability of *qnr* and the prevalence of associated class I integrons among *qnr*-positive fluoroquinolone-resistant *E.coli*.
- McCalla, G., Brown, P., Gardner, M.T. and Parshad, O. (2011). The anti-diabetic properties of neem (*Azadirachta indica*) leaf extract on streptozotocin-induced diabetic rats. *West Indian Med. J.* 60 (Suppl. 4): 32 (Abstract).
- Christie, S., Levy, A.S. (2011). Effect of Petiveria Alliaceae extracts on fasting blood glucose levels in normoglycemic sprague-dawley rats. *West Indian Medical Journal.* 60 (Suppl 1): 48.
- Christie, S., Levy A.S. (2012). Investigation of hypoglycemic activity of four extracts of Petiveria alliacea (Guinea hen weed) in normoglycemic experimental rat models *FASEB J*, March 29, 2012 26:1124.6. Experimental Biology, April 21-25, 2012. San Diego Convention Centre, USA
- Lewis, A., Levy, A.S. (2012). Investigation of the anti-inflammatory activities of *Cassia alata* extract in complete Freund's adjuvant arthritis in rats. *West Indies Medical Journal.* 59 (4): 35.
- Lewis, A., Levy, A.S. (2012). Anti-inflammatory activities of *Cassia alata* Leaf extract in Complete Freund's Adjuvant Arthritis in Rats. *West Indian Medical Journal.* 60 (6): 615.

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- Smith, L.T. and Gossell-Williams, M. (2012). A study of the prevalence of Orthostatic Hypotension (OH) and risk of falls among older patients presenting to the Community Health and Psychiatry Health Center (CHPHC *FASEB J*, March 29, 2012 26:848.4. *The FASEB Journal*. 2012; 26:848.4.

PUBLICATIONS

Books and Monographs

- * Mills, J. (ed). Scientific Principles of Stress. University of the West Indies Press, 2012
- * Fullick, A. CSEC Human and Social Biology –The Revision Guide, Advisor Dalip Ragoobirsingh, 1st Edition, Pearson Education Limited, Edinburgh, Harlow, Essex, UK, 2011.

- * Irving, R. Olympic DNA: Birth of the fastest humans. Great House, Publishers, Jamaica, 2012.

Refereed Journal

WIMJ = West Indian Medical Journal

- * Parshad, O; Richards, A. and Asnani, M. (2011). Impact of Yoga on haemodynamic function in healthy medical students. *WIMJ*, 2011, 60(2): 148-152.
- * Nwokocha, C.R., Mounmbegna, P.P.E, Nwokocha, M.I., Owu, D.U., Onyezuligbo, O., Olu-Osifo, E.H., Okojie, E., Asuquo, E., Thaxter, K. and Ogunsalu, C. (2012). Serum lipids, proteins and electrolyte profiles in rats following total body irradiation. *WIMJ*, 2012, 61 (2): 117-121.
- * Nwokocha, C.R., Owu, D.U., McLaren, M., Murray, J., Delgoda, R., Thaxter, K., McCalla, G. and Young, L. (2012). Possible mechanisms of action of the aqueous extract of *Artocarpus altilis* (breadfruit) leaves in producing hypotension in normotensive Sprague-Dawley rats. *Pharmaceutical Biology*. 2012, 50 (9):1096-1102.
- * Nwokocha, C. R., Owu, D.U., Gordon, A., Thaxter, K., McCalla, G. and Young, L. (2012). Mechanisms of action of *Annona muricata* in reducing blood pressure in normotensive Sprague-Dawley rats. *Pharmaceutical Biology*.
- * Nwokocha, C. R., Owu, D.U., Kinlocke, K., Murray, J., Delgoda, R., Thaxter, K., McCalla, G. and Young, L. (2012). Blood pressure lowering and vasorelaxant effects of aqueous extract of *Peperomia pellucida* are mediated through endothelium-dependent pathways. *Medicinal & Aromatic Plants*. (OMICS Publishing Group). 1:105.
- * Nwokocha, C.R., Owu, D.U., Ufearo, C.S., Iwuala, M.O.E. (2012). Comparative study on the efficacy of *Allium sativum* (garlic) in reducing some heavy metal accumulation in liver of Wistar rats. *Food Chem. Toxicol.* 50; 222-226.

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- * Nwokocha, C.R., Ufearo, C.S., Owu, D.U., Idemudo, N.C. and Ojukwu, L.C. (2012). In vivo distribution of lead in male and female rats after intraperitoneal and oral administration. *Toxicology and Industrial Health*. 28 (2); 131-135.
- * Nwokocha, C.R., Ajayi, I.O., Owu, D.U. and Ebeigbe, A.B. (2012). Experimental Malaria; the Invitro and Invivo Blood Pressure Paradox. *Cardiovascular Journal of Africa*. 23, 2: 98-102.
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- * Nwokocha, C.R., Magdalene, I. Nwokocha, I.A., Obi. J., Udekweleze, Bukola Olatunde D.C., Owu, D.U. and Iwuala, M.O.E. (2012). Comparative analysis on the hepatoprotective effect of *Lycopersicon esculentum* (Tomato) on metal accumulation in Wistar rats. *Food Chem. Toxicol*. 50; 2070-2073.
- * Owu, D.U., Obembe, A.O., Nwokocha, C.R., Edoho, I.E., Osim, E.E. (2012). Gastric ulceration in diabetes mellitus: protective role of vitamin C. *International Scholarly Research Network (ISRN) Gastroenterology* 2012.
- * Finlayson, E. and Brown, P.D. (2011). Comparison of antibiotic resistance and virulence factors in pigmented and non-pigmented *Pseudomonas aeruginosa*. *WIMJ*, 60:24-32.
- * Andrade, G. and Brown, P.D. (2012). A comparative analysis of the attachment of *Leptospira interrogans* and *L. borgpetersenii* to mammalian cells. *FEMS Immunology and Medical Microbiology* 65:105-115.

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- * Lindsay, C. and Golden, K.D. (2012). *Morinda citrifolia*: Amino Acid and Lipid Content of the Noni Fruit at Various Stages of Maturity. *J. Scientific Research*. 4, 467-476.
- * Bailey-Shaw, Y. A., Golden, K.D., Pearson A.G.M and Porter, R.B.R. (2012). Characterization of Jamaican Agro- Industrial Wastes. Part 11, fatty acid profiling using HPLC: Precolumn derivatization with phenacyl bromide. *Journal of Chromatographic Science*.
- * Levy, A.S. and Carley, S (2012). Cytotoxic Activity of Hexane Extracts of *Psidium Guajava* L (*Myrtaceae*) and *Cassia Alata* L(*Caesalpineaceae*) in Kasumi-1 and OV2008 Cancer Cell Lines. *J Pharm Res*, April 2012;11 (2): 201.
- * Gossell-Williams M., Bennett, O., Dias, Y., Foster, K., Houston, Wright, K, Fairclough, Z. (2012). Preference of patient information leaflets over standard drug monographs by patients prescribed Hydrochlorothiazide, Nifedipine and Enalapril. *WTMJ*. 2012 61(3): 271-279
- * Gordon, C., Roopchand-Martin, S., Gregg, A. (2012). Potential of the Nintendo Wii™ as a rehabilitation tool for children with cerebral palsy in a developing country: a pilot study Nintendo Wii training for children with cerebral palsy. *Physiotherapy* 98, 238-242
- * Nelson, G.A.; Bent-Forsythe, D.A.; Roopchand-Martin, S.C. (2012). Electromyographic Activity of the Rectus Abdominis During a Traditional Crunch and the Basic Jackknife Exercise

with the Ab Lounge™ *Journal of Strength & Conditioning Research*, 26(6):1584-1588

- * Cox, P.St. L., Williams, S.K.P. and Weaver, SR. (2011). Life after lower extremity amputation in diabetics. *WIMJ*, 60(5): 536-540.
- * Bryan, S., Alexander-Lindo, R.L., Dasgupta, T., McGrowder, D. (2011). The effect of nitric oxide inhibitors and s-nitrosothiols on hemodynamic parameters in an animal model – *Open Access Animal Physiology* 3: 1-8 (Feb., 2011).
- * Bryan, S., Alexander-Lindo, R.L., Dasgupta, T., McGrowder, D. (2011). The effects of nitric oxide inhibitors and s-nitrosothiols on glucose concentration in an animal model. *Journal of Natural Science, Biology and Medicine* 2: 80-86 (June, 2011).
- * Brown, C., McFarlane-Anderson, N., Alexander-Lindo, R.L., Bishop, K., Dasgupta, T. and McGrowder, D. (2012). The Effects of S-Nitrosoglutathione and S-Nitroso-N-Acetyl-D,L-penicillamine in a Rat Model of Pre-Eclampsia. *Journal of Natural Science, Biology and Medicine* 2012.
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- * Less, L.A., Ragoobirsingh, D., Morrison, E., Boyne, M., Anderson-Johnson, P. (2011). The Jamaican Lay Facilitators Programme: A Positive Impact on Glycaemic Control. *Journal of Diabetes Management* 1(2),167-173.
- * Ragoobirsingh, D., McGrowder, D.A. (2011). A Prospective Study of Children Who were Admitted for Diabetes Mellitus at a Jamaican Hospital. *Journal of Clinical and Diagnostic Research*. 2012 June, Vol-6(5): 832-834.

- * Irving, R., Wright-Pascoe R., Mills, J., Mullings, A., Choo-Kang, E., McLaughlin, W., McGrowder, D. Mosaic pancreas or type 3 diabetes: how do we define it?
- * Irving, R., Tusie, L., Mills, J., Wright-Pascoe, R., McLaughlin, W., Agular-Salinas, C. Diabetes tipo 2 de inicio temprano en Jamaica y en México. Oportunidades derivadas de un estudio interétnias. *Revista de Investigación Clínica* 2011 63 (2): 198-209.
- * 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. *J Appl Biomed.* 10(2): 91-102.
- * 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., Hanchard, B., Gibson, T.N., McGrowder, D.A., Dilworth, L.L. and Asemota, H.N. (2011). *Histopathological alterations in organ structures of hypercholesterolemic rats fed ortanique peel polymethoxylated flavones. Basic and Applied Pathology.* 4(3): 71-77
- * Green, C.O., Wheatley, A.O., McGrowder, D.A., Dilworth, L.L. and Asemota, H.N. (2011). Hypolipidemic effects of Ortanique peel polymethoxylated flavones in rats with diet-induced hypercholesterolemia. *Journal of Food Biochemistry;* 35(5); 1555-1560

Abstracts in Peer Reviewed Journal

- * McCalla, G., Brown P., Gardner, M.T. and Parshad, O. (2011). The antidiabetic properties of Neem (*Azadirachta indica*) leaf extract on streptozotocin-induced diabetic rats. *WTMJ*, 2011, 60 (Suppl. 4):32.

- * Webber-Waugh, A., Young L., Thaxter, K. and Gossell-Williams, M. (2011). Nutritional supplementation decreased behavioural effects of cocaine or amphetamine addiction in an animal model. *WTMJ*, 2011, 60 (Suppl. 4):52.
- * Young, L.E., Webber-Waugh, A.M. and Thaxter, K.A. (2012). A nutritional supplement regime diminished addictive behavior and mean arterial pressure without affecting serum catecholamines. *Society for Neuroscience Abstracts Viewer*, 2012, 874.08
- * Ragoobirsingh, D. and Barcelo, A. (2011). Diabetes Education in Action in the Caribbean. *Diabetes Research and Clinical Practice*, vol. 94, issue 3.
- * Beckford, T., Golden, K., Irving, R., Poudevigne, M. (2012). Metabolic and psychological adaptations in Jamaican athletes. *Med Sci Sp & Exer*, 2012:44(5):2288.

INCOME GENERATION/FUNDING

Research Grants

Dr. Lauriann Young-Martin

- New Initiative Grant of \$1,488,500.00 to carry out an investigation on critical thinking in the Faculty of Medical Sciences, Mona.

Dr. Jacqueline Corness

- New Initiative Grant of \$1,500,000 to conduct research on the histological characteristics of the habenular complex and its related circuitry.

Professor Wayne McLaughlin

- J\$1,700,000 from the Coconut Industry Board for supporting Research Fellow Dr. Natala Burnett.

Dr. C. R. Nwokocho

- Received the following donations of research equipment from Dr. Cole' Research Lab, University of Calgary:
 - Narishige P83Japan Patch Pipette Puller valued at US\$3000
 - Manning Warner Fine Science Tools Micromanipulator (DE3K) valued at US\$8000
 - Fine micro dissecting kits valued at US\$1000

Dr Arkene Levy

- US\$5000.00 from Nova South Eastern University for collaborative work on the 'Expression of FAK in Jamaican women with ovarian cancer and correlation with disease metastasis'.
- Campus Committee for Research and Publication and Graduate Award for Michelle Morris: "Serotonin 5-HT_{2c} receptor of the rat detrusor muscle: association with atypical antipsychotic-induced weight gain and glucose disequilibrium" US\$1,778.90.
- Pharmacology received J\$33,000 and EU\$5 to set up an award in the name of Professor Manley West from his family.

Dr. Paul Brown

- A comparative molecular analysis of the virulence determinants and antibiotic susceptibility profiles of methicillin-resistant *Staphylococcus aureus* (MRSA) in Jamaica. Campus Research and Publication Fund, UWI, Mona; PI (Awarded to Terissa Thompson) US\$2060
- Extracellular proteases and their regulation in *Leptospira* spp. Campus Research and Publication Fund, UWI, Mona; PI (Awarded to Varina Keeling) US\$2444

Prof. Dalip Ragoobirsingh

- Western Regional Health Authority, St. James Public Health Services, Montego Bay, St. James. Amount: ~ J\$40,000.00 – Partially funded project entitled "Health Workers' Communi-

cation and Patient Health Outcomes: A Focus on Persons with Diabetes in St. James”.

PUBLIC SERVICE

Professor Wayne McLaughlin

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

Dr. Lauriann Young-Martin

- Member, UWI Valedictorian Selection Committee
- Lector and Member of the Liturgical Committee, Holy Cross Roman Catholic Church
- Member, Fund-raising Committee of Holy Cross Church

Dr. C. R. Nwokocha

- Member, Organizing Committee of the FMSARC
- Member, Organizing Committee of the Principal’s Research Day

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.

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.

Dr. Rachael Irving

– Committee Member, National Sports Museum

UNDERGRADUATE STUDENTS REGISTRATION

BB Med Sci.

Year 1 = 47

Year 2 = 60

Year 3 = 31

MB BS

Year 1 = 327

Year 2 = 357

Year 3 = 267

Physical Therapy

Year 1 = 63

Year 2 = 50

Year 3 = 51

FPAS (Biochemistry)

Year 1 = 288

Year 2 = 78

Year 3 = 57

FIRST CLASS HONOURS - BB MED SCI

Pharmacology

Indira Boyd, Peta-Gaye Thomas, Simone Stewart, Keisha Sewell, Nikki-Juenelle Wilson, Sheneika Bennett, Sasha-Gaye Richards, Sovia Brown, Alicia Raymond.

Physiology

Daniel Lester

POST GRADUATE STUDENTS REGISTRATION

Taught Masters

MSc Forensic Science	– 27
MSc Applied Pharmacology	– 4

Research

MPhil	– 5
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POSTGRADUATE DEGREES AWARDED

Tricishanna Henry	- MPhil Pharmacology
Lorna Calder	- MPhil Pharmacology
Miss Garsha McCalla	- MPhil Physiology
Mrs. Annice Webber-Waugh	- MPhil Physiology
Simone Badal McCreath	- PhD Biochemistry
Mrs. Shirley Budall	- PhD Biochemistry
Kathleen Lobban	- PhD Biochemistry
Donna Wynter-Adams	- PhD Pharmacology
Ms. Jacqueline Vigilance	- PhD Physiology

VISITORS TO THE DEPARTMENT

Mr. V. V. Dayanandan, Country Manager, Ipca Laboratories. Guest presentation to final year BBMedSc Pharmacology students on the Role of the Medical Representative.

Dr. Priscilla Johnson, Assistant Director for Clinical/ Administration Affair. RCMI Center of Excellence for Clinical and Translational Research. Morehouse School of Medicine. Conducted a two day Drug Clinical Trials training workshop for MSc Applied Pharmacology students.

Dr. Paula Royster, CEO and Founder, The Center for African American Genealogical Research, Inc. (CAAGRI) visited. She is a Fulbright Fellow and has interest in African Ancestry and DNA genealogy.

DEPARTMENT OF CHILD AND ADOLESCENT HEALTH

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

WORK OF THE DEPARTMENT

The 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 were involved in health promotion activities such as media presentations both print and electronic. Members also demonstrated intellectual leadership through their involvement with several advisory boards and active participation in community service.

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

There were 200 junior students and 124 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 and in the November/December examination 2011, of the 14 candidates, who were examined, 2 were unsuccessful while in May/June 2012 of 119 candidates who were examined, only 2 candidates were unsuccessful. There were 55 elective students who rotated through the Department (43 from UWI; 12 overseas Universities: Europe (2), UK (4), and Caribbean (6)). The Department facilitated a postgraduate student in Epidemiology and International Health from the MHIRT (Minority Health and Health Disparities International Research Programme) from the University of Michigan. The MHIRT programme is funded by the National Institutes of Health.

There were a total of 35 postgraduate students registered in the DM Paediatric programme of which 29 candidates were in Jamaica and 6 candidates were in the Bahamas. Seven candidates sat DM Part 2 final examination and 6 (85.7%) were successful while 9 candidates sat the DM Part 1 examinations and 8 (88.9%) were successful. Twelve candidates commenced the program 1st July 2012 of which 3 are in the Bahamas.

UWI "Dying to be Beautiful: Body image, Eating Behaviours and Health in the Caribbean" was a Scientific Conference held in January 2012. This

conference emerged as a collaborative effort from professionals in the Faculties of Social Sciences, Medical Sciences and Humanities and Education, the University of the West Indies. The conference was hosted by the Faculties of Social Sciences and Medical Sciences and was the inaugural scientific conference at the Western Jamaica Campus, UWI. This conference was conceived in response to concerns in the growing trend of body dissatisfaction locally and internationally and it was felt that a multidisciplinary approach would be more effective in understanding the multifaceted issue.

This year was the eleventh 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. The theme this year was “Exploring Twin Pregnancies”

The Department held its 5th Biennial Child and Adolescent Health Conference in April 2012. This year’s conference focused on the Lung. Topics were presented by a multidisciplinary team with representation from cardiothoracic surgery, radiology, otolaryngology, microbiology and paediatric pulmonologists. Two visiting pulmonologists: Dr Susan Brugman and Professor Anastassios C. Koumbourlis MD, M.P.H participated. Dr. Susan M. Brugman, MD is an Associate Professor of Pediatrics at National Jewish Health and The University of Colorado School of Medicine. She has published many journal articles and book chapters in her field on vocal cord dysfunction (VCD) and asthma. Professor Anastassios C. Koumbourlis MD, M.P.H. is currently Professor of Paediatrics at George Washington University and Chief of Allergy Pulmonary and Sleep Medicine as well as Director of the Cystic Fibrosis Centre and Pulmonary Function Laboratory at the Children’s National Medical Laboratory. The conference had a total of 110 attendees who all provided favourable feedback re presentations.

RESEARCH GRANTS

Feeney M. (Principal Investigator), **Christie CDC**, (Co-investigator), Elizabeth Glaser

- Scientists Award, January 1, 2006 to December 30, 2011; “The Immune Response to Acute Perinatal HIV Infection”, This is a longitudinal studies of the HIV-specific immune response and viral evolution during the early years following perinatal infection. Total grant amount > \$650,000 USD’s, total amount to UWI \$112,000 USD’s (ie, \$16,000 USD’s per annum for seven years).

Feeney M. (Principal Investigator), **Christie CDC**, Co-investigator

- “The impact of CD8 T cells on viral control and evolution in HIV-infected infants. National Institutes of Health (NIH) grant # 1R01AI068497 - 01A2, total amount to UWI, **\$189,000 USD’s** December 1, 2006 through November 30, 2011 (ie. \$27,000 USD’s per annum for 7 years).

James C – Principal Investigator, **A. Harrison** and S. Brodie-Walker - Co-applicants

- Source: National Health Fund, Jamaica; Title: Dying to be Beautiful-Body Image, Eating Behaviours and Health in the Caribbean; Funds: JAD\$1,300,000

Samms-Vaughan M. – Principal Investigator

- The Jamaican Birth Cohort Study II (JBCSII), also known as JAKIDS, is funded by

Inter-American Development Bank	10/20/2010 – 2/20/2014 - US\$500,000
UNICEF	08/28/2011 – 6/30/2014 - US \$ 100,523.25
The National Health Fund, Jamaica	9/9/2011 – 05/31/2014 - US\$147,395.34
Michigan State University	3/1/2011- present - US\$150,000
Hear the World Foundation	CHF\$30,000

M. Thame – Principal Investigator, **H. Trotman**-Co-Investigator

- Source: International Atomic Energy Agency (IAEA), Vienna;
Title: Infant feeding practices and resultant growth patterns in Jamaican children assessed by anthropometry and body composition

Funds: €15,000.00

PAPERS/POSTERS PRESENTED

Bailey, K.

- S Gowda, **KA Bailey**, H Laws. Caregiver understanding, inhaler techniques use and barriers to use of inhaled corticosteroids, Accident and Emergency Department of the Bustamante Hospital for children Kingston, Jamaica. Caribbean Health Research Council, 57th Annual Council and Scientific Meetings, April 19-21, 2012
- S Gowda, **KA Bailey**, H Laws Caregiver understanding, inhaler techniques use and barriers to use of inhaled corticosteroids, Accident and Emergency Department of the Bustamante Hospital for children Kingston, Jamaica. Ministry of Health 2nd National Health Research Conference 2011

Christie CDC

- **Christie CDC**. Pediatric, Perinatal and Adolescent HIV/AIDS in Jamaica, International Section, American Academy of Pediatrics Annual Conference, Boston, MA, USA, October 2011.
- **Christie CD**. Overview of Pediatric HIV/TB. WHO/ PAHO/ UNICEF and UN Partners' Meeting, Panama City, July 6-8, 2011.
- **Christie CDC**. Faith and Acts of Prayer: To What End, Coping with AIDS? United Theological College of the West Indies and the Inter-Faith Counsel, Kingston, Jamaica. Jan, 2012.

- **Christie CDC.** Protecting our Future Generations: Born Free of HIV in the Caribbean, CHART/CHILI Open Day and Symposium. UHWI/UWI, Kingston, Jamaica. February 2012

Garbutt A

- McCam's 4th International Attention Deficit Hyperactivity Disorder (ADHD) Conference: Working Towards Positive Outcome. Current Pharmacological Intervention of ADHD. (May 4, 2012).
- The Ministry of Health *in collaboration with* The University of the West Indies National Workshop: The Adolescent Patient. "Attention Deficit Hyperactivity Disorder in Adolescence" (November 25th to 27th, 2011).
- How Do I Get My Child to Eat? Jamaica Autism Support Association 5th Annual Workshop: (July 7, 2012).

Harrison A

- 'Adolescent Health Issues'. Grand Rounds, Spanish Town Hospital. May 2012
- 'Potpourri of Adolescent Health Issues'. Association of General Practitioners. Kingston, Jamaica. February 2012 (invited)
- The Clinician's Guide to the Vaccines not on the Compulsory Schedule. Medical Symposium – Caribbean College of Family Physicians, Kgn, Jamaica. January 2012 (invited)
- Barnett A, **Harrison A**, Lockhart A, Vivian Gray and Lewis M (Msgnr). Ethics Workshop - A Panel Discussion. Medical Association of Jamaica Annual Conference. Kingston. June 2012.

Miller M

- R Morgan, O Olugbuyi, **H Trotman**. "Aetiology and Antibiotic Resistance of Uropathogens in Jamaican Children". Caribbean Health Research Council, Cayman islands 57th Annual Council and Scientific Meeting April 2012

- (with C Abel, S Dundas). Management guidelines for urinary tract infections in Jamaican children. Consensus document for medical practitioners in Jamaica. Paediatric Association of Jamaica. August 2011.

Pierre RB

- “Adherence and the HIV-infected adolescent”, CHART-CCAS-CDC 3rd Joint Meeting; 8th annual CCAS HIV/AIDS Workshop; 1st CCAS-CMLF Collaborative Meeting; The Jamaica National HIV/STI Programme’s, 8th Annual HIV Management Workshop; August 21-26, 2011, Montego Bay, Jamaica.
- Ramkissoon, I. Amarakoon, **R. Pierre**, L. Eyzaguirre, J. Carr, M. Roye. (2011) Analysis of Drug Resistance Mutations in Jamaican Pediatric Patients; 2011 Caribbean HIV Conference – Strengthening evidence to achieve sustainable action; November 18-21, 2011, The Bahamas.
- Ramkissoon, I. Amarakoon, **R. Pierre**, L. Eyzaguirre, J. Carr, M. Roye. (2011) “Detection of Antiretroviral Resistance in HIV Positive Jamaican Pediatric Patients”. TWAS-ROLAC (Latin America and the Caribbean Regional Office of The Academy of Sciences for the Developing World (TWAS) Young Scientist Conference; December 7-9, 2011, Grafton Beach Resort, Tobago.

Pottinger AM

- “ADHD and the college student”, Fourth Annual Conference on Attention-Deficit-Hyperactivity Disorder, Mona Visitors Lodge, May 3-4, 2012.
- Children’s exposure to trauma and violence: Sowing seeds that we will later reap, UWI Research Days 2012, The University of the West Indies, Mona. January 26 -27, 2012

Samms-Vaughan M

- (with Rahbar, M. H., Loveland, K. A., Ardjomand-Hessabi, M., Bressler, J., Pearson, D. A., Chen, Z., Grove, M. L., **Shakespeare-Pellington, S.**, Bloom, K., Boerwinkle, E.) Metabolic Genes and Blood Lead Concentrations in Jamaican Children with and without Autism Spectrum Disorders. Minneapolis, MN. Society for Epidemiologic Research (SER) 45th Annual Meeting, June 27-30, 2012.
- (with Rahbar, M. H., Ardjomand-Hessabi, M., Loveland, K. A., Dickerson, A. S., Chen, Z., Bressler, J., **Shakespeare-Pellington, S.**, Grove, M. L., Wirth, Bloom, K., Pearson, D. A., Boerwinkle, E. A.) Blood arsenic concentrations of Jamaican children with and without Autism Spectrum Disorders. Washington, D.C. Translational Science 2012 Meeting, April 18-20, 2012.
- (with Ferguson TS, Tulloch-Reid MK, Younger NO, Knight-Madden JM, Ashley D, McCaw-Binns A, Wilks RR.) Fast Food Consumption Significantly Increases Risk of Hypercholesterolemia Among Afro-Caribbean Youth in Jamaica. American Heart Association Conference, November 2011.

Thame M

- Pitfalls in the management of Neonatal Jaundice: Treatment, Complications, Guidelines for referrals. Caribbean College of Family Physicians. The Jamaican Pegasus. November 2011
- Maternal Production of Fetal Fuels during Pregnancy: Comparison between Adolescent and Mature Women. Technical Meeting, IAEA, Vienna. September 2011
- Maternal Production of Fetal Fuels during Pregnancy: Comparison between Adolescent and Mature Women. 6th World Congress, Developmental Origins of Health and Disease. Portland, Oregon, USA, September 2011

Trotman H

- (with Richardson C). Risk Factors for the Delivery of Macrosomic Infants and Outcome of these Infants at the University Hospital of the West Indies. Caribbean Health Research Council 57th Annual Council and Scientific Meetings, Grand Cayman April 2012.

Faculty of Medical Sciences 20th Annual Research Conference and Workshop on Breath of Change: Asthma Allergy and Immunology, November 9-11, 2011.

Bailey K

- (with E Kahwa, N Younger, N Waldron, J Knight-Madden, Y Wint, K Lewis Bell) “The status of asthma and allergies in Jamaica”
- (with E Kahwa, N Younger, N Waldron, J Knight-Madden, Y Wint. Asthma and allergies) Among the elderly in Jamaica: The relationship with smoking.
- (with S Gowda, and H Laws) Inhaled corticosteroid use among asthmatics seen in Accident and Emergency Department at the Bustamante Hospital for Children, Kingston, Jamaica.
- (with NO Younger, J Knight Madden, EK Kahwa, NK, Waldron) Knowledge of asthma triggers, triggers of asthma exacerbations and health care utilization in Jamaican children with doctor diagnosed asthma.
- (with J Knight Madden, NO Younger, EK Kahwa, NK, Waldron) Characterization of self-reported asthma in island wide survey of children 2-17 years old in a developing country.
- with NK Waldron, EK Kahwa, NO Younger, J Knight-Madden, K James) Environmental tobacco smoke exposure and asthma in Jamaican women aged 20-44years

- M Osbourne, R Hutson, S French, N Hart, J Johnson, R Edwards, E Williams, C Walters, **RB Pierre**. “Epidemiology of trauma at the University Hospital of the West Indies in Jamaica”.

Scientific Conference, Faculties of Medical Sciences and Social Sciences, ‘Dying to be Beautiful: Body Image, Eating Behaviours and Health in the Caribbean’, UWI, Mona, WJC. January 2012

Harrison A

- (with James C, Brodie-Walker S.) ‘Eating Disorders – The Jamaican Experience’.
- (with James C, Jackson M, Samms-Vaughan M.) ‘Jamaican Adolescents and their Body Image: A Descriptive study’.
- (with James C) ‘Father Hunger? The Impact of Father-Daughter Relationship on Eating Recovery’.

The International Meeting for Autism Research (IMFAR), 11th Annual Meeting May 17-19, 2012.

Melbourne-Chambers R

- Body Size and Neurological Abnormalities in Jamaican Children with Autism., J. Tapper, M. H. Rahbar and **M. Samms-Vaughan**, 2012. Toronto, Canada. **Pierre RB**

Samms-Vaughan M

- Prevalence of Emotional and Behavioural Disorders in Young Children with Autistic Disorder in Jamaica. (with J. A. T. Reece, S. Pellington and S. C. Smile), 2012. Toronto, Canada.
- Relationship between the Quality of the Home Environment and Developmental Status of Children with Autistic Disorder in Jamaica. **J. A. T. Reece, S. Pellington and S. C. Smile**, 2012. Toronto, Canada.

- Rahbar, M. H., 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. 2012. Toronto, Canada

XIX International AIDS Conference, July 22-27, Washington DC, USA

- Fulford TA, **Pierre R**, Lewis K, Palmer P, Walters C, Christie CDC. “Infectious disease morbidity and growth pattern of HIV exposed uninfected infants in Jamaica: an epidemiological cohort study”. Poster presentation: [Abstract MOPE115].
- **Pierre R**, Lewis K, Moore J, Christie CDC. “Long-term outcomes of antiretroviral therapy (ART) in Jamaican children: an epidemiological cohort study”. Poster presentation: [Abstract MOPE210].
- Moore JT, Palmer P, **Pierre RB**, Christie CDC. “An emerging generation: sociodemography and sexual health in HIV positive youth in Jamaica to guide therapy”. Poster. [Abstract WEPE434].
- White Y, Sandfort T, Morgan K, Carpenter K, Koriyama C, Williams S, Martin J, **Pierre R**. “Primary healthcare responsiveness to sexual minority health needs in Jamaica”. Poster. [Abstract MOPE486].

PUBLICATIONS

WIMJ = *West Indian Medical Journal*

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.
- * Hustedt JW, **Christie C**, Hustedt M, Esposito D, Vazquez M. “Seroepidemiology of human bocavirus infection in Jamaica”. *PLoS One*. 2012 May 29; 7(5):e38206. [IF 4.441]
 - * **Christie CDC, Pierre RB**. “Eliminating vertically-transmitted HIV/AIDS while improving access to treatment and care for women, children and adolescents in Jamaica”. *WIMJ*, 2012;61(4): 395-403.
 - * **Christie CDC, Duncan ND**. “Rotavirus Vaccine Trial in Jamaica”. *WIMJ*, 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”. *Paediatr Int Child Health*. 2012; 32:47-50.
 - * 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 Sep 30 2011.
 - * **Millard-Bullock D**. “The Rheumatic Fever and the Rheumatic Heart Disease Control Programme – Jamaica”. *WIMJ*, 2012; 61(4):360-363.
 - * **Miller M**. “Paediatric Nephrology at the University Hospital of the West Indies – A Walk through Time”. *WIMJ*, 2012; 61(4):413-415.
 - * **Pottinger AM**. “Children’s Exposure to Violence in Jamaica-Over a Decade of Research and Interventions”. *WIMJ*, 2012; 61(4):368-370.
 - * **Pottinger AM**, Everrett-Keane D, McKenzie C. “Evolution of In Vitro Fertilization at the University of the West Indies, Mona”. *WIMJ*, 2012; 61(4):458-460.

- * McCaw-Binns A, Ashley D, **Samms-Vaughan M**, Wilks R, Ferguson T, Younger N, Reece JA, Tulloch-Reid M, Foster-Williams K. “Cohort profile: the Jamaican 1986 birth cohort study”, *Int J Epidemiol.* 2011 Dec; 40(6):1469-76. Epub 2010 Aug 30.
- * 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. *Sci Total Environ*”. July 2012; 433C:362-370. [Epub ahead of print]
- * 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”, April 2012. [Epub ahead of print].
- * Rahbar, M.H., **Samms-Vaughan, M.**, Loveland, K.A., Pearson, D.A., Bressler, J., Chen, Z., Ardjomand-Hessabi, M., **Shakespeare-Pellington, S.**, Grove, M.L., Beecher, C., Bloom, K., Boerwinkle, E. “Maternal and paternal age are jointly associated with childhood autism in Jamaican”. *J Autism Dev Disord.* Jan. 2012. [Epub ahead of print]
- * **Scott C.** “The Provision of Surgical Care for Children with Cardiac Disease: The Jamaican Experience- An 18-year Review”. *WIMJ*, 2012; 61(4):364-367.
- * Henny-Harry C, **Trotman H.** “Epidemiology of Neonatal Jaundice at the University Hospital of the West Indies”. *WIMJ*, 2012; 61: 37 - 42.

- * **Thame M.** “The Jamaican Fetus – Overview of Various Studies”. *WIMJ*, 2012; 61(4): 322 - 329.
- * **Trotman H**, Henny-Harry C. “Factors associated with extreme hyperbilirubinaemia in neonates at the University Hospital of the West Indies”. *Paediatr Int Child Health*. 2012; 32:97-101.
- * **Trotman H.** “Clinical Research Informing Neonatal Care at the University Hospital of the West Indies: 50 Years Experience”. *WIMJ*, 2012; 61(4): 350-354.
- * **Trotman H.** “Review of Mortality of very low Birthweight Infants at the University Hospital of the West Indies over the Past Four Decades”. *WIMJ*, 2012; 61(4): 355-359.

Book

- * AlBuhairan F, Areemit R, **Harrison A** and Kaufman M. ‘Adolescent Psychosocial Development and Evaluation: Global Perspectives’ in Complementary Paediatrics. ÖnerÖzdemir (Editor). Published by InTech, March, 2012.

Abstracts

- * S Gowda, **KA Bailey**, H Laws. Inhaled corticosteroid use among asthmatics seen in Accident and Emergency Department at the Bustamante Hospital for Children, Kingston, Jamaica *WIMJ*, 2011; 60 (Suppl. 4): 23
- * E Kahwa, N Younger, N Waldron, **K Bailey**, J Knight-Madden, Y Wint, K Lewis Bell. The status of asthma and allergies in Jamaica. *WIMJ*, 2011; 60 (Suppl. 4): 17
- * E Kahwa, N Younger, N Waldron, J Knight-Madden, **K Bailey**, Y Wint. Asthma and allergies among the elderly in Jamaica: The relationship with smoking” *WIMJ*, 2011; 60 (Suppl. 4): 22
- * **KA Bailey**, J Knight Madden, NO Younger, EK Kahwa, NK, Waldron. Characterization of self-reported asthma in island

wide survey of children 2-17 years old in a developing country. *WTMJ*, 2011; 60 (Suppl. 4): 43

- * NK Waldron, EK Kahwa, NO Younger, J Knight-Madden, **KA Bailey**, K James. Environmental tobacco smoke exposure and asthma in Jamaican women aged 20-44years. *WTMJ*, 2011; 60 (Suppl. 4): 46
- * S Gowda, **KA Bailey**, H Laws Caregiver understanding, inhaler techniques use and barriers to use of inhaled corticosteroids, at the Accident and Emergency Department of the Bustamante Hospital for children Kingston, Jamaica. *WTMJ*, 2012; 61 (Suppl. 2): 26
- * **CDC Christie**, S. Caffe, Wilson V., Del Riego A., Jack N., Bain. B, **Pierre R**. Protecting our Future Generations: Born Free of HIV in the Caribbean (# 2560). Poster presentation, Caribbean HIV Conference, Nassau Bahamas, Nov, 2011.
- * **Pierre RB**, LLewis 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**, *XIX International AIDS Conference*, Washington D.C. July 2012.
- * **Fulford TA**, **Pierre RB**, Leiwis 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**, *XIX International AIDS Conference*, Washington D.C. July 2012..
- * **Evans-Gilbert T**, Reid G., Simpson K., **Christie CDC**. Adherence in children begins in pregnancy: A Nested Case Control Study of HIV-Exposed Infants born in Western Jamaica from 2008-2010. Abstract, Poster and Electronic Publication **MOPE057**, *XIX International AIDS Conference* Washington D.C. July 2012

- * **Moore JA, Palmer P, Pierre R, Christie CDC.** An Emerging Generation: Socio-demography and sexual health in HIV Positive Youth in Jamaica to guide therapy. Accepted as Abstract, Poster and Electronic Publication, **WEPW434, XIX International AIDS Conference**, Washington D.C. July 2012.
- * **Miller M,** Morgan R, Olugbuyi O, **Trotman H.** Aetiology and antibiotic resistance of uropathogens among Jamaican children in a tertiary institution. *WIMJ*, 2012;60, (Suppl 4) 31.
- * Richardson C, and **Trotman H.** Risk Factors for the Delivery of Macrosomic Infants and Outcome of these Infants at the University Hospital of the West Indies. *WIMJ*, 2012; 61 (Suppl. 2): 32
- * T Hanno, **M. Thame,** K. James, A. McCaw-Binns. The prevalence, causative organisms, clinical manifestations and risk factors associated with neonatal sepsis at the University Hospital of the West Indies: A5-year review. *WIMJ*, 2012; 60(Suppl.2):25.

PUBLIC SERVICE

Christie CD.

- Technical Working Group, Member, WHO/ PAHO/ UN Agencies/ Partners, Latin American and Caribbean Elimination Initiative for Vertically-Transmitted HIV/AIDS and Syphilis
- Member of Technical Working Group, WHO/ PAHO/ UN Agencies/ Partners, Latin American and Caribbean Initiative for Prevention of TB/HIV
- Technical Working Group, Member, PAHO/ UNICEF/ UN Agencies, Caribbean Elimination Initiative for Vertically-Transmitted HIV/AIDS and Syphilis
- Elected Member, Governing Council of the International AIDS Society, representing Latin America and the Caribbean

- Co-Chair, Pharmaceutical Industry Liaison Forum, International AIDS Society
- Scientific and Technical Advisory Committee (STAC), Governing Council, International AIDS Society, member
- Member, Finance Subcommittee, Governing Council, International AIDS Society

M Miller, M Gooden, M Thame, C Chin, W Tavares-Finson, A Cocking.

- Directors, Jamaica Kidney Kids Foundation Ltd. - a charitable organization dedicated to the service of children with renal disease.

Melbourne-Chambers R.

- Organiser, training for Caregivers in Residential Child Care Facilities, Child Development Agency
- Chairman, Serious Case Review Panel, Child Development Agency
- Member, Committee to Review Applications for Residential Child Care Facilities Child Development Agency, MOH
- Member, St. Luke’s Church Health Fair planning Committee

Pierre R.

- Chairman / Chief Examiner, Caribbean Association of Medical Councils (CAMC) Examination Committee

Pottinger AM.

- Volunteer, Disaster Mental Health Responder, Jamaica Red Cross
- Board Member, McCam Child Care and Development Centre
- Co-organised national conference on Attention-Deficit-Hyperactivity-Disorder in association with the McCam Child Care and Development Centre, UWI Open Campus and the Special Education Unit, Ministry of Education.

Samms Vaughan M.

- Member, 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
- Deputy Chairman, Maxfield Park Childrens' Home
- Director, Family Life Ministries
- Director, Usain Bolt Foundation

Trotman H

- Chairman Education committee, Paediatric Association of Jamaica

Thame M.

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

HONOURS AND AWARDS**Christie CD**

2012 – Principal's Research Award, for Jamaica Paediatric, Perinatal and Adolescent HIV/AIDS Program (JaPPAAIDS), the Research Project attracting the largest amount of external research funding, Faculty of Medical Sciences, University of the West Indies.

2012 – Principal's Research Award, for the best research publication, the "Pentavalent Rotavirus Vaccine Trial in Developing Countries: Safety and Health Care Resource Utilization", in *Pediatrics* 2010; 126(6):e1499-e1506. Faculty of Medical Sciences, University of West Indies

Miller M and Trotman H

2011 – Awarded the prize for best paper presented in Microbiology at FMS 20th Annual Research Conference

Pierre R

2011 – Principal's Research Award, for Jamaica Paediatric, Perinatal and Adolescent HIV/AIDS Program (JaPPAAIDS), the Research Project attracting the largest amount of external research funding, Faculty of Medical Sciences, University of the West Indies.

Thame M

2011 – Vice Chancellor's Award for Excellence in Research

Trotman H

2012 – Awarded the prize for the best paper presented by a student at the Caribbean Health Research Council 57th Annual Council and Scientific Meetings, Grand Cayman

DEPARTMENT OF COMMUNITY HEALTH AND PSYCHIATRY

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

WORK OF DEPARTMENT

The work of the department during the year was mainly focused on consolidating programmes. In the undergraduate programme the focus was on the changes necessary to accommodate the increased numbers particularly in years 1-3.

In postgraduate, the DM in Family Medicine and the DrPH are both now well established.



UNDERGRADUATE PROGRAMMES

The Department was successful in delivering all nine (9) undergraduate (UG) courses with excellent pass rates ranging from 91-100%. The lecturers' student evaluation scores have remained consistently high with an average of 4.3. Course evaluations were slightly lower at 4.1

In years 1 and 2 Introduction to Medical Practice (IMP) received a further injection of J\$457,986.06 to purchase equipment and materials for workshops in semester 2. All Year 1 medical students were given CDs complete with all the IMP & Health Care Concepts (HCC) lectures. One major complaint is that both IMP & HCC are lacking in dental content which will be remedied for this upcoming academic year.

Health and Environment continued to enjoy a good pass rate despite poor attendance at some lectures and lack of an appropriate recommended text book.

In the clinical clerkships year 3 had challenges particularly in Psychiatry as the increase in group size to 45 led to inadequate class room space and transportation. The Year 4 Program ran smoothly. A group presented their research project at the Annual FMS 2011 Research Conference and won the UWI Medical Alumni Association Prize for Best Presentation by a Medical Student.

Changes in year 4 and 5 were made in anticipation of the increased class size for these years. The rural exposure is now concentrated in year 4 instead of being in both years and more primary health care centres mobilized for year 5 in the KSA. A programme of supplying items to the health centres to ensure students are exposed to the necessary minimum standards was also instituted.

POSTGRADUATE

Master of Public Health (MPH)

The MPH continues to contribute to the department as it maintained the annual enrollment of over 30 students. Thirty (30) students graduated in November 2011 from the programme. Of the 30, twenty-four (24) graduated with the Master of Public Health degree while six (6) obtained the Master of Public Health in Health Education/Health Promotion degree. Five candidates were awarded the degree with distinction.

All the objectives set for the year were achieved. Curriculum review continued and a change in format of the final exam has begun.

The process of applying for international accreditation has begun and discussions begun with the American Council for Accreditation of Schools of Public Health.

A memorandum of understanding was signed with the University of Minnesota and the first exchange of visits taken place. The first area of focus will be in the area of online courses.

Plans are well advanced with Dr Roberts in the Bahamas to stream the MPH to that campus.

MPhil /PhD

Three students submitted their thesis for examination two of whom were successful. Two staff members enrolled in the programme in keeping with the UWI mandate of academics having a PhD.

DrPH

There are now 24 scholars from 9 Caribbean countries in 3 cohorts of the Doctorate of Public Health (DrPH) program. Several scholars have already made a significant contribution to health policy and programs through their assignments and placements.

Family Medicine

The Family Medicine Programme continued with a total of fifteen Residents and the DM was approved and introduced with 3 residents.

Updating and revision of Course Modules continued especially for Years 2 and 3 of the Programme. New Preceptors were recruited and a number of familiarization and training sessions were held with them. A Preceptors' Handbook was developed to complement the Residents' Handbook.

Efforts continue to strengthen the “hands-on” clinical component of the programme with clinical workshops during block sessions.

The Diploma OSCE exam was being held at Mona for the first time since the inception of the Programme in September 2010.

Psychiatry

DM – Three persons completed the DM. A comprehensive review of the curriculum is currently in progress with the objectives of updating the requirements of the programme and achieving cross-campus harmonization. Four persons completed the Clinical Fellowship in Child and Adolescent Psychiatry.

OTHER PROGRAMMES

Diabetic Outreach Programme

This programme provides training for clinicians wishing to become Caribbean Certified Diabetes Educators (CCDE) and clinical updates for those who work with diabetics to improve the quality of care. Over 600 clinicians in Guyana, Trinidad, The Bahamas, Jamaica and the Cayman Islands have been trained since 2004. Twenty clinicians successfully sat the exam in Jamaica and the **Bahamas**, with many others working on the 250 hours necessary as work schedules will permit. The challenge continues to the lack of support at the level of administration in all the countries, making it difficult for the clinicians to further develop the skills they learn in the program.

Services

Health Centre

Clinical services continue to be offered by the Health Centre attached to the Department.

The Community Health Centre, Department of Community Health and Psychiatry, provides services to 12 communities in Zone 6 of the Kingston and St. Andrew Health Department. It is staffed by members of the Department as well as Public Health Staff from the Kingston and St. Andrew Health Department. The Health Centre offers Maternal and Child Health (MCH) and Curative services. During the year the Psychiatry Section of the Department began rotating Residents through the Centre facilitating weekly Psychiatry sessions at which patients can be seen on-site instead of having to go up to University Hospital for assessment and follow-up care.

During the period August 1, 2011 to May 31, 2012 6,334 patients were seen on the curative side and 6,227 on the MCH side. This is a total of 12,588 over the ten month period giving a projected number of visits of 15,000 for the year under consideration. Services offered by the MCH section include antenatal and postnatal care, well-baby clinic and immunizations, family planning and Pap smear clinics. In addition to

dealing with the medical complaints of patients the doctors on the Curative side also emphasize health promotion and screening. There is a Medical Social Worker in the clinic who assists in addressing the social needs of patients. A team of doctors, community health aide and social worker do a limited number of home visits as the need arises for patients in the area who are unable to come to the clinic.

The Health Centre is also a training site for undergraduate medical, nursing and social work students, Family Medicine, Emergency Medicine and Psychiatry Residents. It also acts as a centre for Research projects carried out by a number of persons including those pursuing the Master of Public Health Course.

STAFF ACHIEVEMENTS

There were no major changes in staff appointments for the year. Staff continues to attend workshops on teacher training at IDU with 2 pursuing the certificate in teaching.

Several members achieved high student evaluations and were recognized at the Guardian Life Teaching Award Ceremony

Professor Peter Figueroa received a 2012 UWI Mona Principal's award for research

Dr. Maria Jackson received a 2012 UWI Mona Principal's award for research

Professor D. Eldemire-Shearer was recognized during Jamaica 50 celebration by Caribbean Community of Retired Persons for service to ageing.

ONGOING RESEARCH

D. Eldemire-Shearer, K. James, H. Laws, N. Waldron, C. Morris, D. Holder-Nevis and Ageing Centre Team

- National Study of Older Persons – including a dementia prevalence component funded by NHF – 18 million

A Bailey

- Received a New Initiative grant to conduct the research project: Factors Driving Sexual Decision Making and HIV Risk among Sex Workers in Jamaica.

M. Jackson

- Metabolic gene polymorphisms and prostate cancer: pooled analysis funded by
- CHASE Fund and also supported in part by grants from the National Cancer Institute (R13CA130596A) and an appropriation from the Commonwealth of Pennsylvania to Fox Chase Cancer Center (CA006927) awarded to Camille Ragin

N. Waldron, D. Holder-Nevins

- The Jamaican Mothers, Father and Son Project funded by New York College Nursing School.

H. Laws

- Survey of the Geriatric Training Needs of Primary Care Doctors, Nurses and Caregivers in SERHA, Jamaica Funded by New Initiative Grant

D. Willie, D. Eldemire-Shearer, C. Morris, L. Richards, H. Laws

- Sexual and Genitourinary Health Profile of Older Persons Presenting at Urology and Gynaecology Clinics in Kingston, Jamaica – Funded by New initiative Grant 1.5

A. Standard-Goldson

- **2011-2012:** Economic and social costs of substance abuse in CARICOM member states of Jamaica, Suriname and Trinidad and Tobago. (CARICOM sponsored).

P. Figueroa

- Research among MSM and sex workers and sites where persons go to meet new sex partners

PAPERS PRESENTED

- **Abel, W.D.** ‘Depression the Invisible Epidemic’. Presentation, University of Technology 2nd Annual International Public Health Conference, Kingston, Jamaica (June, 2012).
- **Abel, W.D.** Support for Vulnerable Groups Following a Disaster.” Meeting of Experts on Mental Health and Psychosocial Support in Emergencies in the Caribbean Region. (April 2012)
- **Eldemire-Shearer D.** Ageing Well: World Health Day: Santa Cruz St. Elizabeth April 3, 2012.
- **Eldemire-Shearer D.,** Ageing and Health: A Regional Perspective, Bahamas April 11, 2012
- **Eldemire-Shearer D.** The Ageing of Jamaica and its Implications for the next 50 years: SALISES 50/50 Conference August 2012.
- **Eldemire-Shearer D.** Diabetes in the Elderly presented at annual Diabetic conference March 2012
- **Figueroa, JP.** HIV and STI Prevalence among MSM and female sex workers in Jamaica, Annual conference National HIV Program, Ocho Rios, Jamaica, Nov 28, 2012
- **Gibson RC** (2011) Grey matters in informed consent involving the mentally ill. Faculty of Medical Sciences Inaugural Grey Matters in Medical Ethics Seminar. Kingston, November 6, 2011.
- **Jackson M.** Prostate cancer: dietary risk factors. Department of Defense HBCU Prostate Cancer Epidemiology Summer Training Program. Fox Chase Cancer Center, Philadelphia, USA. August 2011.
- **McCaw-Binns A.** Challenges of measuring maternal mortality in Jamaica. Academic Forum for Interpreting Reproductive Mortality (AFFIRM). Maternal Health Task Force: Harvard

School of Public Health. May 30-31, 2012, Boston, Massachusetts.

- **McCaw-Binns A**, Chou D. Methodological issues in defining and classifying maternal deaths: the WHO application of ICD-10 to deaths during pregnancy, childbirth and the puerperium (ICD-MM). Academic Forum for Interpreting Reproductive Mortality (AFFIRM). Maternal Health Task Force: Harvard School of Public Health. May 30-31, 2012, Boston, Massachusetts.
- **McCaw-Binns A**. National efforts in improving maternal death information – Jamaica: Why vital data under count maternal deaths in developing countries – case study, Jamaica: 2008 (with J Mullings, Y Holder). PAHO Regional Advisory Committee on Health Statistics (CRAES). Mar 26-28, 2012, Havana, Cuba.
- **McCaw-Binns A**. Feedback on “Guidelines for Improving Information on Maternal Mortality: Preliminary Proposal.” PAHO Regional Advisory Committee on Health Statistics (CRAES). Mar 26-28, 2012, Havana, Cuba.
- **McCaw-Binns A**. Why vital registration under-estimates maternal mortality in Jamaica. Centers for Disease Control and Prevention/, World Health Organization meeting on “Measuring and Understanding Maternal Mortality: Strategies To Achieve Data Completeness And Quality.” Sep 22-23, 2011, Atlanta, Georgia.
- Hanno T, Thame M, **James K**, **McCaw-Binns A**. The Prevalence, Causative Organisms, Clinical Manifestations And risk Factors Associated With neonatal sepsis At The University Hospital of the West Indies: A 5-Year Review. *WTMJ*, 61(suppl 2) 16
- **Standard-Goldson Aileen**. “Treating the Healer: Challenges facing caregivers in the Jamaican society” Western Regional

Caribbean HIV/AIDS Conference, Bahamas, November 2011

- **Bailey A**, Hall S “HIV Prevention knowledge, attitudes and practices among Jamaican adolescents”
- **Figueroa, JP**. The HIV Epidemic in the Caribbean – is the tide turning?
- **Figueroa, JP**. High HIV Prevalence among men who have sex with men in Jamaica despite increased prevention efforts.
- Hutchinson, M. K., Smith, T. K., **Waldron, N.**, Kahwa, E., Hewitt, H. H., Hamilton, P. I. Kang, S. Y. (2011). Development and psychometrics of the Jamaican maternal sexual role modeling (MSRM) scale.
- Hutchinson, M. K., Smith, T. K., **Waldron, N.**, Kahwa, E., Hewitt, H. H., Hamilton, P. I. Kang, S. Y. (2011). Development of the mothers and daughters standing strong together (MDSST) project: An HIV risk reduction for urban Jamaican families.
- Hutchinson MK, Smith TK, **Waldron N**, Kahwa E, Hewitt HH, Hamilton PI, Kang, S. Y. (2011). Development and psychometrics of the Jamaican maternal sexual role modeling (MSRM) scale.
- Hutchinson, M. K., Smith, T. K., **Waldron, N.**, Kahwa, E., Hewitt, H. H., Hamilton, P. I. Kang, S. Y. (2011). Development and psychometrics of the Jamaican maternal sexual role modeling (MSRM) scale.

Abstracts and Posters

- M. Laporta, C. Cayetano, M. Yaffe, D. Kestel, G. Benjamin, **W. Abel, A. Standard Goldson**, J. Xue Integrating Mental Health into Primary Health Care in the Caribbean: A Demonstration Project in Belize and Dominica. Abstract #0067; Global Health

Conference, Montreal, November 2011. www.douglas.qc.ca/publications/187/file_fr/int_mh_phc_casribb.pdf.

- White, Y., Sandfort, T., **Morgan, K. A. D.**, Carpenter, K., Koriyama, C., Williams, S., **Martin, J.**, & Pierre, R. (July 2012). Primary healthcare responsiveness to sexual minority health needs in Jamaica. Poster. XIX International AIDS Conference (AIDS 2012) in Washington, D.C., July 22-27, 2012.
- Brodie-Walker, S. N. A., & **Morgan, K. A. D.** Factors Impacting Juvenile Delinquency in Jamaican and African-American Adolescents, Faculty of Social Sciences Research Day Conference 2012.

Caribbean Regional Conference of Psychology on Psychological Science and Building Bridges for Tomorrow, Bahamas, November 18-20, 2011.

- Wood, M., **Morgan, K.**, O'Garro, K., Feliu, M., McDougald, C.S., Whitfield, K., Byrd, G., Edwards, C.L. (November 2011). Sources of Social Support as Predictors of Psychiatric Functioning in Adults with Sickle Cell Disease (SCD). Poster.
- McDougald, C.S., Wood, M., Feliu, M., **Morgan, K.**, O'Garro, K., Whitfield, K., Edwards, C.L. (November 2011). Hostility as a Predictor of Adaptive Response to Disease-Related Pain Among Adult Black Patients with Sickle Cell Disease (SCD). Poster.
- Edwards, C.L., Wood, M., Feliu, M., McDougald, C., Whitfield, K., **Morgan, K.**, O'Garro, K., Robinson, E. (November 2011). The Effects of Active Coping in Sickle Cell Disease (SCD): A Replication. Poster.
- Feliu, M., Whitfield, K., O'Garro, K., Wood, M., McDougald, C.S., **Morgan, K.**, Byrd, G., Edwards, C.L. (November 2011). Perception of Cognitive Functioning As a Predictor of Pain and Psychological Functioning in Adult Blacks with Sickle Cell Disease (SCD). Poster.

- Hutchinson, M.K., Hewitt, H., **Waldron, N.**, Kahwa, E., Hamilton, P., Jemmott, L. and Jemmott, J. (2011) Development and testing of a Jamaican mother-daughter HIV risk-reduction intervention. National Institute of Nursing Research 25th Anniversary Research Poster Session, Washington, DC, October 13, 2011.

PUBLICATIONS

The department has had mixed success in this area. While the overall rate remains similar to previous years, 33 publication in peer reviewed journals, and seven book chapters participation is still by only some members. Several members of staff are not achieving the faculty goal of 2 publications per year.

Peer Reviewed Journal Articles

WIMJ = *West Indian Medical Journal*

- * **Abel WD, Sewell C, Eldemire-Shearer D.** Decriminalization of marijuana: is this a realistic public mental health policy for Jamaica? *WIMJ*. 2011 June; 60 (3):367-70.
- * **Abel W, James K, Bridgelal-Nagassar R, Holder-Nevins D, Eldemire H.,** Thompson E, **Sewell C.** The Epidemiology of suicide in Jamaica 2002-2010: rates and Patterns. *WIMJ*. 2012; Vol. 61 (5) online.
- * **Abel W, Sewell C,** Fox K. Suicidal ideation among Jamaican Youth: Socio-demographic, protective and risk factors. *WIMJ*. 2012; Vol. 61 (5) available online.
- * **Abel Wendel, Sewell Clayton,** Eulalee Thompson, Teisha Brown, (2011) Mental health services in Jamaica: from institution to community, *Ethnicity and Inequalities in Health and Social Care*, Vol. 4 Iss: 3, pp.103-111
- * **Abel WD,** Bailey-Davidson Y, **Gibson R, Martin J, Sewell CA, James SA,** Fox K. Depressive symptoms in Adolescents in Jamaica. *WIMJ*. 2012; Vol. 61 (5) online.

- * **Abel WD, Sewell CA**, Thompson E, **Eldemire-Shearer D.** Mental Health Policy Development in The English Speaking Caribbean. *WIMJ*. 2012; Vol. 61 (5) online.
- * **Bailey A.**, The Jamaican adolescent's perspective on violence and its effects – included in Labome.Org. *WIMJ*, 2011; 60: 165-71. [Http://www.labome.org//exp/jamaica/university/bailey/a-bailey-1770829.html](http://www.labome.org//exp/jamaica/university/bailey/a-bailey-1770829.html).
- * Aiken WD., **Eldemire-Shearer D.**, Viewpoints: Prostate cancer in Jamaica and the wider Caribbean: it is time to consider screening. *WIMJ*. 2012 Jan; 61(1):90-3.
- * **Eldemire-Shearer D.**, From Ageing Research to Policy and Practice. *WIMJ*, 2012; Vol. 61 (5) online.
- * 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. *WIMJ*, June 2012; Vol: 61 (3) online.
- * **Figueroa JP.**, The Critical Role of Locally Conducted Research in Guiding the Response to the HIV Epidemic in Jamaica. *WIMJ*, 2012; Vol. 61 (4) online.
- * Fletcher H, **Figueroa P**, Braithwaite A, Hylton-Kong T. Poverty, folate deficiency, human immunodeficiency virus and ulcerated vulval sexually transmitted diseases in Jamaica. *WIMJ*. 2011 Mar; 60(2):137-40.
- * Koenig, Serena P; Rodriguez, Luis A; Bartholomew, Courtenay; Edwards, Alison; Carmichael, Tracie E; Barrow, Geoff; 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 JAIDS Journal of Acquired Immune Deficiency Syndromes, January 11, 2012.

- * **De La Haye W.**, Alexis S., Viewpoints: The Impact of a No-User-Fee Policy on the Quality of Patient Care/Service Delivery in Jamaica. *WIMJ*, 2012; Vol. 61, (2):168-173.
- * Burgess, B., Curtis-Downes, D., **Gibson, R.C.** (2012) Education and employment levels among Jamaican patients newly diagnosed with schizophrenia and bipolar disorder. *International Journal of Social Psychiatry*.
<http://isp.sagepub.com/content/early/2012/01/13/0020764011433638.abstract>
- * **Hickling FW, Gibson RC** Decolonization of Psychiatric Public Policy in Jamaica. *WIMJ*, 2012; Vol 61, (4) online.
- * **Hickling FW**, Hutchinson G., Caribbean Contributions to Contemporary Psychiatric Psychopathology. Special Issue: *WIMJ*, 2012; Vol. 61, (4) online.
- * **Holder-Nevins D.**, Music as a source of reproductive health education among adolescents in Jamaica: who will contextualise the issues? Commonwealth Health Partnerships 2012 [Social & cultural determinants of health] available at <http://www.commonwealthhealth.org/commonwealth-health-partnerships/>
- * **Holder-Nevins D, James K**, Bridgelal-Nagassar R, **Bailey A**, Thompson E, **Eldemire H, Sewell C, Abel W.** Suicide among adolescents in Jamaica: What do we know? *WIMJ*. 2012; Vol. 61 (5) online.
- * **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 Jan; 23(1): 23-33. Epub 2011 Oct 9.
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- Index and Prostate Specific Antigen Levels in Jamaican Men. *WTMJ*, June, 2011; Vol 60, (3): 316-321.
- * **Maharaj SR., Paul TJ.**, The Origin and Future of Offshore Medical Schools in the Caribbean. *WTMJ*, June 2012; Vol: 61; (3) online.
 - * **Maharaj SR.**, “Health Care for the Poor and Dispossessed: From Alma-Ata to the Millennium Development Goals” *WTMJ*, July 2011; Vol. 60, (4):493-497.
 - * Asnani MR, **McCaw-Binns AM**, Reid ME. Excess risk of maternal death from sickle cell disease in Jamaica: 1998-2007. *PLoS One*. 2011; 6(10):e26281. Epub 2011 Oct 24.
 - * Walters, C. & **Morgan, K.A.D.** (2011). The relationship between being overweight, locus of control, and depression in Jamaican adolescents. *International Humanities Review*, 2 (1), 38-57
 - * **Scarlett, H.P.**, Postlethwait, E., Delzell, E., Sathiakumar N., Oestenstad R.K. (2012). Asbestos in Public Hospitals: Are Employees at Risk? *Journal of Environmental Health*, 74(6), 22-26.
 - * **Scarlett Henry P**, Richard A. Nisbett, Justin Stoler, Brendan C. Bain, Madhav Bhatta, Trevor Castle, Judy Harbertson, Stephanie Brodine, Sten H. Vermund, South-to-North, Cross-Disciplinary Training in Global Health Practice: Ten Years of Lessons Learned from an Infectious-Disease Field Course in Jamaica.” *American Journal of Tropical Medicine and Hygiene (AJTMH)*, 85(3), 2011, pp397-404.
 - * **Scarlett HP**, Postlethwait E, Delzell E, Sathiakumar N, Oestenstad RK .Asbestos in Public Hospitals: Are Employees at Risk? *J Environ Health*. 2012 Jan-Feb; 74(6): 22-6. <http://www.readperiodicals.com/201201/2562686481.html#ixzz23jLF0h9d>
 - * **Sewell CA, Martin JS, Abel WD.** Psychiatric Comorbidity: Revisiting the “Mind – Body” Connection. *WTMJ*. 2012; (2) 115-116.

- * Wood E. Hutchinson M., Kahwa E, Hermi H, **Waldron N.**, Big Men Carry Big Money: Relationships Between Adolescent Girls and Older Partners in Jamaica. *Journal of Nursing Scholarship*, (2011) – 43(4), 394-404.
- * **Waldron, N.**, Hutchinson, M. K., Kahwa, E., Hewitt H. H., Hamilton P. I., Simpson, D., & Kang, S. Y. (2011). Cross-Cultural Psychometric Assessment of the Parent Teen Sexual Risk Communication (PTSRC III) Scale in Jamaica, *Open Journal of Preventative Medicine*, 2(2), 205-213.
- * Kahwa, E. K., **Waldron, N. K.**, Younger, N. O., Edwards, N. C., Knight-Madden, J. M., Bailey, K. A., Wint, Y. B., & Lewis-Bell, K. N. (July 2012). Asthma and allergies in Jamaican children aged 2-17 years: a cross-sectional prevalence survey. *BMJ Open*, 2(4).
- * Hutchinson, M. K., Kahwa, E., **Waldron, N. K.**, Hepburn-Brown, C., Hamilton, P., H. Hewitt, H. H., Aiken, J., Cederbaum, J. A., Jemmott, L. S., Alter, E. (March 2012). Jamaican Mothers' Influences on Adolescent Girls' Sexual Beliefs and Behaviors. *Journal of Nursing Scholarship*, 44(1), 27-35.
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Abstracts and Posters

- * Gwoda S, **Bailey KA, Laws H.** Inhaled Corticosteroid Use Among Asthmatics Seen In The Accident And Emergency Department Of The Bustamante Hospital For Children, Kingston, Jamaica. *WIMJ*, 69 (suppl 4) 23
- * **Gowda S., Bailey KA. Laws H.,** Caregivers understanding, inhaler technique, use and barriers to use of inhaled corticosteroid, at the Accident and emergency Department of

the Bustamante hospital for Children, Kingston, Jamaica. *WIMJ*, Vol. 69, (Suppl.) p. 6, April 19-21, 2012

- * **Eldemire-Shearer D.** Diabetes in older persons *WIMJ* Vol. 61, (Suppl.1) p 31, March 29 – April 1, 2012.
- * **Figueroa JP.**, Weir SS, Jones-Cooper, **Byfield L.**, Hobbs MM., McKnights I., Cummings S., High HIV prevalence among men who have sex with men in Jamaica is associated with social vulnerability and other sexually transmitted infection. *WIMJ* Vol. 69, (Suppl.) p. 5 April 19-21, 2012
- * Waugh-Brown V. H., **Goulbourne J.**, – Factors Affecting Blood Pressure Control Among Hypertensive Patients Attending Primary Healthcare Facilities In The Western Regional Health Authority, Jamaica. *WIMJ*,61 (suppl 2) 14.
- * Jayakody, K., **Gibson R.C.**, Kumar, A., Gunadasa, S. (2012) Zuclopenthixol acetate in the treatment of acute schizophrenia and other similar serious mental illnesses. Cochrane Database of Systematic Reviews 2012, Issue 3.
- * Aiken WD, Coard KC, Bennett FI, Simpson-Smith CM, Tulloch-Reid MK, McFarlane-Anderson N, Tulloch T, Wan RL, Mayhew R, Morrison B, Paul TJ, **Jackson MD.** The influence of sexual behaviour, sexually transmitted infections and condom use on prostate cancer risk in Jamaican men: A case-control study. *WIMJ*, 2012; 57(Suppl.1):21.
- * Samuels L, Allen S, Hylton E, Williams O, Burke S, Alexander A, Anderson S, Henry P, Lindo M, McFarlane C, Monokwane O, Rambharose A, Rhoe M, Rose C, Silochan K, Smith J, **Jackson M.** Knowledge of universal procedures and needle stick injuries during the clinical years. *WIMJ* 2011; 60(Suppl.4):29.
- * T. Hanno, M. Thame, **K. James, A McCaw-Binns.** The prevalence, causative organisms, clinical manifestations and risk factor associated with neonatal sepsis at the University Hospital

of the West Indies: A 5-years review. *WIMJ* Vol. 69, (Suppl.) p. 4, April 19-21, 2012

- * Gossell-Williams M, **Martin J**, **Neita S**, **Gibson RC**, **Abel W**, **Clayton Sewell C**, McGrowder D. Prevalence of The Metabolic Syndrome in Patients Presenting to UHWI: a need to adopt proactive screening and specific management policy. *WIMJ*. 2012; (6).
- * Hanno T, Thame M, James K, **McCaw-Binns A**. The prevalence, causative organisms, clinical manifestations and risk factors associated with neonatal sepsis at the University Hospital of the West Indies: A five year review. *WIMJ* 2012; 61 (Suppl 2): O6 [Oral presentation, CHRC 2012].
- * **Waldron, N.**, Kahwa, E., Younger, N. O., Knight-Madden, J., Bailey, K. A., & James, K. (November 2011). Environmental Tobacco Smoke Exposure And Asthma In Jamaican Women Aged 20-44 Years. *WIMJ*, 60(suppl 4), 46.
- * **Waldron, N.**, Kahwa, E., Younger, N. O., Knight-Madden, J., Bailey, K. A., & James, K. (November 2011). Environmental tobacco smoke exposure and asthma in Jamaican women aged 20-44 years. *WIMJ*, 60(suppl 4), 46.
- * Buckle-Bailey, L., **Waldron, N.**, Anderson-Johnson, P., & Lindo, J. (November 2011). Quality of life of adults with asthma. *WIMJ*, 60(suppl 4), 22.
- * Pilgrim-Prince, J. A., **Waldron, N.**, Kahwa, E. K., Anderson-Johnson, P., & Lindo, J. (November 2011). Non-adherence with asthma medication in adults with asthma attending an outpatient clinic in Jamaica. *WIMJ*, 60(suppl 4), 47.
- * Hepburn, A. S., **Waldron, N.**, Hepburn-Brown, C., Pitter, C., & Lindo, J. (November 2011). The psychosocial effects of pregnancy on teenage mothers in Jamaica. *WIMJ*, 60(suppl 4), 33.

- * Heslop-Barnett, S. G., **Waldron, N.**, Kahwa, E. K., Anderson-Johnson, P., & Lindo, J. (November 2011). Asthma knowledge, attitudes and asthma control in Jamaican adults. *WIMJ*, 60(suppl 4), 23.
- * Heslop-Barnett, S. G., **Waldron, N.**, Lindo, J. (November 2011). Influence of individual's knowledge and attitude of asthma on the control of the disease. *WIMJ*, 60(suppl 4), 47.
- * Kahwa, E., Younger, N. O., **Waldron, N.**, Knight-Madden, J., 3K. Bailey, K. A., & Wint, Y. (November 2011). Asthma and allergies among the elderly in Jamaica: The relationship with smoking. *WIMJ*, 60(suppl 4), 22.
- * Llewellyn-Johnson, S., Lopez, S., Lindo, J., Duff, E. M., **Waldron, N.**, Fletcher, H. (November 2011). Stress and 'burnout' experienced by BScN final year nursing students in Jamaica. *WIMJ*, 60(suppl 4), 31.
- * Bailey, K. A., Younger, N. O., Knight-Madden, J., Kahwa, E., **Waldron, N.** (November 2011). Knowledge of asthma triggers, triggers of asthma exacerbations, and health care utilization in Jamaican children with doctor diagnosed asthma. *WIMJ*, 60(suppl 4), 23-24.
- * Bailey, K. A., Knight-Madden, J., Younger, N. O., Kahwa, E., **Waldron, N.** (November 2011). Characterization of self-reported asthma in an island wide survey of children 2-17 year old in a developing country. *WIMJ*, 60(suppl 4), 43-44.
- * Hutchinson, M. K., Hewitt, H. H., **Waldron, N.**, Hepburn-Brown, C., Kahwa, E., Jemmott, L. S., Hamilton, P. I. Bain, B., Weir, J., & Simpson, D. (November 2011). Development of the mothers and daughters standing strong together (MDSST) project: An HIV risk reduction for urban Jamaican families. Caribbean HIV conference November 18-21, 2011.
- * **Waldron, N.**, Kahwa, E., Younger, N. O., Knight-Madden, J., Bailey, K. A., & James, K. (November 2011). Environmental

tobacco smoke exposure and asthma in Jamaican women aged 20-44 years. *WIMJ*, 60(suppl 4), 46.

- * Bailey, K. A., Knight-Madden, J., Younger, N. O., Kahwa, E., **Waldron, N.** (November 2011). Characterization of self-reported asthma in an island wide survey of children 2-17 year old in a developing country. *WIMJ*, 60(suppl 4), 43-44.
- * Pilgrim-Prince, J. A., **Waldron, N.**, Kahwa, E. K., Anderson-Johnson, P., & Lindo, J. (November 2011). Non-adherence with asthma medication in adults with asthma attending an outpatient clinic in Jamaica. *WIMJ*, 60(suppl 4), 47.
- * Heslop-Barnett, S. G., **Waldron, N.**, Lindo, J. (November 2011). Influence of individual's knowledge and attitude of asthma on the control of the disease. *WIMJ*, 60(suppl 4), 47.
- * Llewellyn-Johnson, S., Lopez, S., Lindo, J., Duff, E. M., **Waldron, N.**, Fletcher, H. (November 2011). Stress and 'burnout' experienced by BScN final year nursing students in Jamaica. *WIMJ*, 60(suppl 4), 31.

Technical Reports

- * **Abel W** Development of Strategic Mental Health Plan for Montserrat (Ministry of Health, Montserrat). 2012
- * **McCaw-Binns A** and Holder Y. Quality and completeness of vital registration in Jamaica, 2008. Comprehensive review of the completeness, coverage and quality of death and foetal death registration including a qualitative review of the certification, coding and classification of a 10% sample of all deaths and foetal deaths, and the universe of maternal deaths, February 2012.
- * **D. Eldemire-Shearer** and MAWC team Guidelines for Mainstreaming the Needs of Older Persons in Disaster Situations in the Caribbean. Pan American Health Organization Washington D.C. PAHO 2012. Now available online

Book Chapters

- * **Abel, W.D.**, Baboolal, N., **Gibson, R.C.** (2012) The epidemiology of mental health issues in the Caribbean. In: Pan American Health Organization, Mental Health and Psychosocial Support in Disaster Situations in the Caribbean: Core Knowledge for Emergency Preparedness and Response. Washington, D.C.: PAHO, pp 39-43.
- * **Abel, W.D.** (2012) “Support for Vulnerable Groups following a Disaster” (Chapter 9). PAHO Mental Health and Psychosocial Support in Disaster Situations in the Caribbean: Core Knowledge for Emergency Preparedness and Response, Washington, D.C.: PAHO.
- * Hussein J, **McCaw-Binns A**, Webber R (editors). Maternal and Perinatal Health in Developing Countries. CABI: Oxfordshire, UK, May 2012. ISBN 978-1-84593-745-4.
- * **McCaw-Binns A**, Hussein J. The Millennium Development Goals. In: Hussein J, **McCaw-Binns A**, Webber R (editors). Maternal and Perinatal Health in Developing Countries. CABI: Oxfordshire, UK, May 2012, pp 10-24. ISBN 978-1-84593-745-4.
- * Hussein J, Blanc AK, Donnay F, **McCaw-Binns A**. An introduction to maternal and perinatal health. In: Hussein J, **McCaw-Binns A**, Webber R (editors). Maternal and Perinatal Health in Developing Countries. CABI: Oxfordshire, UK May 2012, pp 1-9. ISBN 978-1-84593-745-4.
- * Stanton C, **McCaw-Binns A**. The epidemiology of maternal mortality. In: Hussein J, **McCaw-Binns A**, Webber R (editors). Maternal and Perinatal Health in Developing Countries. CABI: Oxfordshire, UK, 2012, pp 40-50. ISBN 978-1-84593-745-4.
- * Webber R, **McCaw-Binns A**, Hussein J. Medical conditions in pregnancy. In: Hussein J, **McCaw-Binns A**, Webber R (editors). Maternal and Perinatal Health in Developing

Countries. CABI: Oxfordshire, UK, May 2012, pp 114-126.
ISBN 978-1-84593-745-4.

PUBLIC SERVICE

W. Abel

- Technical Advisor, CARICOM / PAHO
- Member, Child and Youth Mental Health Framework for Canada
- Chairman, National Council on Drug Abuse (Appointed 2012)

A. Bailey

- Member, 2011 Caribbean HIV Conference Planning Committee and Track Co-Chair for Track E: Prevention Social, Behavioural and Bio-medical Change
- Member, Sexual Safety committee of the UWI Health centre

S. Maharaj

- Member, Executive Committee of the Caribbean Association of Medical Councils (CAMC)
- Member, Examination sub – Committee of the Caribbean Association of Medical Council (CAMC)
- Member, Board of Director of the National Resuscitation Council of Jamaica Honorary Consultant to the Foundation of International Self Help (FISH)

N. Campbell

- Member, National Environmental Health Association, USA
- Member, American Conference of Governmental Industrial Hygienists
- President & Founding Member, Jamaica Occupational Health Professionals' Association
- Member, Jamaica Association of Public Health Inspectors
- Member, National Air Pollution Control Evaluation Committee, NEPA

H. Laws

- Member, Consultative Panel (Geriatrics)
- Member, Bethel Baptist Church Senior Citizens
- Member, Ministry (BBCSCM)

Kerri-Ann Mahlee

- Member, American College for Advancement in Medicine
- Member, British Medical Acupuncture Society (UK)
- Member, Faculty of the Homeopathy (UK)
- Member, General Medical Council (UK)
- Member, Medical Association of Jamaica
- Volunteer, Food for the Poor
- Volunteer, Salvation Army

T. Ricketts-Roomes

- Immediate past Vice-President, Caribbean College of Family Physicians
- Member, Medical Association of Jamaica
- Member, Association of General Practitioners of Jamaica
- Clinical Coordinator, CAMC Examination
- Volunteer, Hanover Street Baptist Church Outreach Programme
- Volunteer, Medical Advisor for St. Hugh's Prep School

D. Eldemire-Shearer

- Member, World Health Organization Advisory Committee on Ageing & Health
- Member, American Public Health Association (APHA)
- Member, American Gerontological Association of America
- Member, UN NGO group of ageing experts
- Patron, National Council for Senior Citizens

- Chairman, Medical Council Appeals Committee
- Member, West Indies Medical Journal Editorial Board

A. Standard-Goldson

- Member, Caribbean College of Family Physicians
- Member, Medical Association of Jamaica
- Member, Association of General Practitioners of Jamaica
- Member, UWI Medical Alumni Association Jamaica Chapter (President)
- Member, UWI Alumni Association Jamaica Chapter (Vice-President)

Kristen Smith

- Member, Caribbean College of Family Physicians
- Member, UWI Medical Alumni Association Jamaica Chapter

P. Figueroa

- Member, WHO Strategic Advisory Group of Experts (SAGE) on Immunization
- Chair, WHO SAGE Working Group on Measles and Rubella
- Chair, WHO SAGE Working Group on Polio
- Member, WHO International Health Regulations Roster of Experts (Poliomyelitis)
- Member, PAHO Technical Advisory Group on Vaccine Preventable Diseases
- Chair, Caribbean Expanded Program of Immunization Managers Annual Meeting
- Deputy Chair, Pan Caribbean AIDS Partnership (PANCAP) Executive Board

R. Gibson

- Member, Section on Conflict Management & Resolution, World Psychiatric Association

A. McCaw Binns

- Temporary advisor, World Health Organization, Maternal Morbidity Working
- Programme evaluator, World Health Organization, External evaluation of the WHO
- Department of Reproductive Health and Research.
- Peer reviewer, BMC Pregnancy and Childbirth
- Peer reviewer, BMC Health Services Research
- Peer reviewer, International Journal of Gynecology and Obstetrics
- Peer reviewer, Journal of Epidemiology and Community Health

M. Jackson

- Board member, Journal 'Ethnicity and Health'
- Member, UK (Glasgow) Determinants of young Adult Social well-being and Health (DASH)
- Member, Global Burden of Disease (GBD) Project (WHO, Gates Foundation and World Bank): Nutrition Expert Group Corresponding
- Member, Determinants of young Adult Social well-being and Health (DASH), Glasgow, UK Steering Committee
- Peer reviewer, Cancer Causes and Control
- Peer reviewer, PLoS ONE
- Peer reviewer, Prostate Cancer

R. Gibson

- Member, Jamaica Psychiatric Association

Joy Harrison

- Member, Jamaica Association of Social Workers (JASW)
- Volunteer, Church projects and community citizens association

CATEGORIES OF STUDENTS

Programmes	Numbers of Students
Year 1- Health Care Concepts (MDSC1203)	301(WJC-22, Mona-279)
Year 2- Health and Environment (MDSC2105)	325
Year 3- Health Services Management –Web-based (MDSC3104)	237
Year 3- Understanding Research (MDSC3200)	237

Clerkship Rotations

Year 3- Psychiatry	237
Community Health- (MDSC3203)	237
Year 4- Psychiatry- (MDSC4011)	180
Community Health-(MDSC4002)	180
Year 5- Community Health- (MDSC5001)	141

Other Students

Community Care of the Elderly 10

POSTGRADUATE

	Numbers of Students	Graduate
Master of Public Health	22	24
Master of Public Health/ Health Promotion	7	6
DM Psychiatry	11	3
PhD Public Health	8	2
Family Medicine	15	5
DrPH	24	–

DEPARTMENT OF MEDICINE

**Professor Michael Gibson Lee, MBBS *UWI*, DM (Internal Medicine) *UWI*, FRCP(C), FACP, FACG, FRCP *Edin*
– Head of Department**

WORK OF THE DEPARTMENT

The Department continued its thrust in teaching undergraduate and graduate students, service work and outreach while experiencing several challenges during the period August 1, 2011 to July 31, 2012. The Department contributed to three review and accreditation processes with good external assessments of the Department and Faculty of Medical Sciences (Quality Review of the Clinical Departments, University Council of Jamaica Accreditation and the CAAM-HP accreditation). The CAAM-HP has fully accredited the Faculty of Medical Sciences for the next five years.



Teaching

Undergraduate

The major challenge for the Department remains the increased number of Undergraduate students in the MBBS programme. The University Hospital of the West Indies (UHWI) is the main teaching facility for clinical students. However, there are limited spaces and deteriorating facilities. There were also problems associated with patient numbers. The dedicated staff rose to the challenges and coped with the increased number of students. The majority of students are assigned to the UHWI and in addition the 5th year students were assigned to the Kingston Public Hospital (KPH), the Cornwall Regional Hospital and the Mandeville Regional Hospital. Teaching began, albeit slowly at the Spanish Town

Hospital in January 2012. The Associate Lecturers at these institutions despite their busy clinical schedule did an excellent job in teaching the students. The feedback continues to be good from the students at the peripheral teaching sites. The 3rd year clinical students are divided between KPH and the UHWI. The majority of Associate staff at KPH has performed extremely well despite the heavy service load.

The teaching for the MBBS programme has evolved fully to small group teaching and a more patient and problem oriented method. In addition to the small group assignments there are set teachings to all students on a daily basis at all sites. The guidelines for the clerkships have been updated and the topics for the daily teachings standardized.

The main May/June final MBBS examination was conducted very successfully and of the 119 students taking the Medicine examination 117(98%) passed with 5 obtaining Honours. A student from Mona also received the subject medal in Medicine for the overall best performance on all campuses.

Postgraduate

The DM programme in Medicine continues to be strong with dedicated Lecturers despite a lack of funding for the programme. The programme continues to train specialists in Internal Medicine for Jamaica and the Caribbean. With the increasing number of undergraduate students there is an urgent need to increase the number of DM students but the UHWI is presently financially constrained to implement this increase. There is also a need to train subspecialists and the Department is to start Fellowship subspecialty training. Nephrology Fellowship training has started. Approval has been obtained to start training in Cardiology and Gastroenterology.

Research

All members are encouraged to do research. The research output has increased over the past two years and approximately 20 full peer reviewed articles was published in 2010 – 2011 but decreased to 19 full publications and 14 abstract for the current year.

Outreach Service

The Department is active in many outreach programmes. The staff has 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. Consultation services and gastrointestinal procedures are performed at the Princess Margaret Hospital, St. Thomas. The Department has started a Gastrointestinal Service at the Spanish Town Hospital and has trained nurses in preparation. Gastroenterologists from the Department have weekly procedure lists.

A Cardiologist from the Department has a regular Cardiology Clinic at the St Ann's Bay Hospital. The staff at CHARES monitor individuals with HIV infection at the Resident Home Downtown, Kingston.

Several members of staff are resource personnel on non-governmental organizations concerned with public health and charity.

Visitors to the Department of Medicine

Professor Talmadge King, University of California at San Francisco, Head of Pulmonary Division, gave the Rolf Richards Distinguished Lecture.

Dr. Robert Iwanochko, University of Toronto, gave a lecture on Viability of myocardium in ischaemic heart disease at the Annual Cardiovascular Week.

Professor Gary Newton, Head, Division of Cardiology, University Health Network, University of Toronto, gave the Professor Erick Cruickshank Distinguished Lecture. He met with the Head of Department and Cardiologists. He discussed collaborative work in Cardiology and expressed his willingness to continue to train Cardiology Fellows from the DM programme.

Professor Bongani M. Mayosi, Head, Department of Medicine, University of Cape Town. He met with Head of Department and

discussed collaborative research with the Cardiologist on Rheumatic Heart Disease and Ischaemic Heart disease.

Professor Ralph Sacco, Professor and Head of Neurology, University of Miami, Florida. He met with the Head of Department and discussed collaborative work. He delivered a special Lectures entitled “Facing the Challenge of the Stroke Pandemic”.

Dr. Jose Romano, Professor of Neurology, University of Miami, Florida. He met with Head of Department and discussed collaborative work with the Department. He delivered two Lecture entitled “Systems of Acute Stroke Care” and Medical Management of Acute Ischemic Stroke.

Dr. D. Yavagal, University of Miami, Florida met with Head of Department and discussed collaborative work. He delivered a lecture entitled: “Endovascular Intervention in Acute Stroke”.

PAPERS PRESENTED

- Approach to the patient with headaches. **F Gayle**. Caribbean Neurosciences Symposium, January 28, 2012.
- Guidelines to the early recognition and prompt management of emerging neurological disorders. **F Gayle**. Caribbean College of Family Physician Symposium, February 23, 2012.
- Antiepileptic Drug Therapy: Current Options. **F Gayle**. GlaxoSmithKline Annual Medical Symposium, May 12, 2012.
- Stroke Pathogenesis and Hypertension. **F Gayle**. Acute Stroke Symposium: Bridging the Gap, July 21, 2012.
- Overview of Infectious Disease and Diabetes - The Jamaican Perspective. **R Wright-Pascoe**. Diabetes Educators of Caribbean, 7th Annual Clinical Conference. September 24, 2011.
- Measures to Prevent Diabetic Nephropathy and End Stage Renal Disease and Implication for Insulin Therapy. **R Wright-Pascoe**. Caribbean College of Family Physicians Symposium. September 25, 2011.

- Glimpiride – the novel sulphonylurea-urea. CME Symposium. **R Wright-Pascoe**. October 6, 2011.
- A Strategic Approach to Early Aggressive Management of Type 2 Diabetes Mellitus. **R Wright-Pascoe**. CME Symposium November 17, 2011.
- Postprandial Glucose Pathophysiology/Use of Meal Time Insulin. **R Wright-Pascoe**. CME Symposium. November 15, 2011.
- Diabetes and the Kidney. **R Wright-Pascoe**. Caribbean Institute of Nephrology. March 9, 2012.
- New Opportunities in the Management of Type 2 Diabetes Mellitus. **R Wright-Pascoe**. CME Symposium. April 20, 2012.
- Current Trends in Type 2 Diabetes Mellitus Treatment: Vildagliptin, leading Innovation in DPP4 Inhibitor Research. **R Wright-Pascoe**. CME Symposium for Doctors. May 16, 2012.
- Diabetes as a Cardiovascular Equivalent and the Role of Glycemic Control. **R Wright-Pascoe**. The Medical Association of Jamaica Symposium. June 9, 2012.
- Current Role of Oral Antidiabetic drugs in the Management of Hyperglycemia in Type 2 Diabetes. **R Wright-Pascoe**. CME Symposium June 24, 2012.
- The Prevalence of depression and depression symptoms among patients attending a Specialist Diabetes Clinic in Jamaica. SR McFarlane, TS Ferguson, M Tulloch-Reid, NOM Younger, **R Wright-Pascoe**, M Boyne, DK Francis, RJ Wilkes. The International Diabetic Federation World Congress 2011. December 2-11, 2011
- The Pharmacological Therapy of Obesity. **R Wright-Pascoe**. The Inaugural Caribbean Obesity Forum Conference. January 12-14, 2012.

- GERD - symptoms and diagnosis. **D Whittle**. CME Symposium February 2012
- Irritable Bowel Syndrome (IBS) - importance of proper diagnosis, **D Whittle**. CME Symposium February 2012.
- Irritable Bowel Syndrome (IBS) - diagnosis and treatment. **D Whittle**. CME Symposium April 2012.
- Anticoagulation and antiplatelet therapy in ACS. **V Elliott**. Cardiology Symposium January 2012.
- Combination therapy in the management of Hypertension. **V Elliott**. CME Symposium July 2012.
- Management of Heart Failure. **V Elliott**. CME Symposium April 2012.
- Statin and other therapies in Preventing Heart Disease. **V Elliott**. CME Symposium: March 2012.
- Rate, Rhythm, Ectopics. **V Elliott**. Caribbean Cardiac Society annual meeting July 2012.
- Cognitive, Behavioural and Psychiatric issues in Epilepsy. **A Ali**. Annual Symposium of the Association of General Practitioners. November, 2011
- Driving in Epilepsy: the Caribbean Driving Initiative. **A Ali**. Caribbean Neurosciences Symposium. January, 2012
- A typical and Vascular Parkinsonism in Jamaica: a 5 year prospective report. **Ali A**, Josephs K. American Academy of Neurology (AAN) Annual Meeting, April 26, 2012.
- Driving in Epilepsy: the Caribbean Driving Initiative. **A Ali**. Third North American Regional Caribbean Congress on Epilepsy. February, 2012.

- A Clinical Approach to the Patient with Difficult to Control Epilepsy: Novel Therapeutic Opportunities. **A Ali**. CME Symposium July, 2012.
- The Management of Haemorrhagic Stroke. **A Ali**. Stroke Symposium July 2012.
- How Ischaemic Heart Disease Kills. **MB Lawrence-Wright**. Cardiovascular Week 2012 Cardiovascular Symposium. February 2012.
- Hypertension and Dyslipidaemia. **MB Lawrence-Wright**. CME Symposium February 2012.
- HIV-1 Drug Resistance in Treatment Naïve Patients in Jamaica. **G Barrow**, T Hylton-Kong, N Rodrigues, Y Yamamura, JP Figueroa. Caribbean HIV Conference 2011.
- HIV-1 Drug Resistance in Jamaica and Associated Risk Factors. **G Barrow**, T Hylton-Kong, N Rodrigues, Y Yamamura, JP Figueroa. Caribbean HIV Conference 2011.

PUBLICATIONS

Refereed Journal Articles

WIMJ = *West Indian Medical Journal*

- * **M Kaliamurthy, MG Lee, M Mills, T Murphy**. “Upper Gastrointestinal Bleeding. A Jamaican Perspective”. *WIMJ* 60, (2011): 289-292.
- * **DO Whittle, MG Lee, B Hanchard**. “Peutz-Jeghers Syndrome”. *WIMJ* 60, (2011): 349-343.
- * **T Thompson, MG Lee, T Clarke, M Mills, G Wharfe, C Walters**. “Prevalence of Gastrointestinal Symptoms Among Ambulatory HIV Patients and a Control Population”. *Annals of Gastroenterology* 25, (2012): 1-6.

- * **L Hurlock, MG Lee.** “Potential Health Problems with the use of Energy Drinks”. *WIMJ* 61, (2012): 1-2.
- * **O Morgan.** “HTLV-1 Associated Myelopathy/Tropical Spastic Paraparesis. How far have we come?” *WIMJ* 60(5), (2011): 505.
- * KD Vaughan, **AM Aquart-Stewart.** “Systemic Lupus Erythematosus and *Neisseria gonorrhoea*. A case of the Arthritis-dermatitis Syndrome”. *WIMJ* 60 (6), (2011): 688.
- * **TR Clarke, P Johnson, D Webster, DT Gilbert, EN Barton.** “Transient Cortical Blindness Post Angiography. A case Report”. *WIMJ* 60(3), (2011): 357.
- * **EN Barton.** “Sixtieth Anniversary – *West Indian Medical Journal*”. *WIMJ* 60 (4), (2011): 377.
- * **R Alfred, R Wright-Pascoe.** “Acute Limb Ischaemia in a Septic Patient with Diabetic Ketoacidosis”. *WIMJ* 60(2), (2011): 214-216.
- * West W, **Ali A,** West K, Stultz R. “CT Findings in Acute Confusion of Non-Traumatic Aetiology”. *WIMJ* 60(5), (October 2011): 571-5.
- * **Ali A,** Ali T, Kerr K, Bortolusso Ali S. “Epilepsy awareness in a Jamaican Community: driven to change”. *Epilepsy Behav*, Dec 22(4), (2011):773-7.
- * Rana AQ, **Ali A,** Böke BN. “Difficult differential diagnosis of Unverricht-Lundborg disease with spontaneous kinesogenic myoclonus and movement disorder”. *Acta Neurol Belg* (May 15, 2012).
- * L Gordon, D McGrowder, Y Pena, E Cabrera, **MB Lawrence-Wright.** “Effect of exercise therapy on lipid parameters in patients with end stage renal disease on hemodialysis”. *Journal of Laboratory Physicians* 4(1), (2012): 17-23.

- * **DT Gilbert.** “HTLV-1 Associated myeloneuropathies – A Caribbean perspective”. *WIMJ* 61(4), (2012): 407-412.
- * **AK Soyibo, C DeCuelaer, K Maloney, RK Miller, EN Barton.** “Establishing the Jamaica Lupus Registry: Report of patients with Systemic Lupus Erythematosus attending a major referral Hospital in Jamaica”. *WIMJ* 61 (3), (2012): 249-253.
- * **D Dewar, AK Soyibo, EN Barton.** “Nutritional markers in patients undergoing Chronic Haemodialysis in Jamaica”. *WIMJ* 61 (3), (2012): 284-289.
- * **AK Soyibo, L Roberts, LL Douglas, EN Barton.** “Renal Disease in the Caribbean: The Disease of the past, present and future”. *WIMJ* 61 (4), (2012): 416-19.
- * **J James, AK Soyibo, L Hurlock, G Gordon-Strachan, EN 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”. *WIMJ* 61 (4), (2012): 427-34.
- * **EN Barton.** “Golden Jubilee: Independence of Jamaica, Trinidad & Tobago and the University of the West Indies as a degree granting Institution”. *WIMJ* 61 (4), (2012): 310-311.

Abstracts in Peer Reviewed Journal

- * “Upper Gastrointestinal bleeding: A Jamaican perspective”. **M Kaliasurthy, MG Lee, M Mills, T Murphy.** *WIMJ*, 2011; 60: (Suppl. 4): 25
- * “Prevalence of Gastrointestinal Symptoms among ambulatory HIV patients and a control population”. **T Thompson, MG Lee, TR Clarke, M Mills, G Wharfe², C Walters.** *WIMJ* 60(Suppl. 4), (2011): 30.
- * “Microbial isolates in diabetic foot lesion of hospitalized patients at the University Hospital of the West Indies”. **LA**

- Chin**, MS Boyne, **EN Barton**, **R Wright-Pascoe**, A Martin, K Roye-Green. *WIMJ* 60 (Suppl. 4), (2011): 35.
- * “The clinicopathologic characteristics of breast cancer at the University Hospital of the West Indies”. **SN Chin**, C Green, G Gordon-Strachan, G Wharfe. *WIMJ* 60 (Suppl. 4), (2011): 35.
 - * “The prevalence and significance of oestrogen receptor (ER) positivity in breast cancer at the University Hospital of the West Indies”. R Alfred, **SN Chin**, E Williams, C Walters, **EN Barton**, D Shah. *WIMJ* 60 (Suppl. 4), (2011): 37.
 - * “Propofol sedation in patients undergoing colonoscopy in Jamaica”. **L Chin**, **MG Lee**, CD McGaw, MAC Frankson CA Walters. *WIMJ* 60 (Suppl. 4), (2011): 39.
 - * “Advances in the treatment of asthma”. **P Scott**. *WIMJ* 60 (Suppl.), (2011): 10.
 - * “Genetic and environmental influences associated with autoimmunity”. **K Maloney**. *WIMJ* 60 (Suppl. 4), (2011): 19.
 - * “Urticaria – More than just hives”. **A East-Innis**. *WIMJ* 60 (Suppl. 4), (2011): 19.
 - * “Foot Care and Footwear Practices among Patients attending a specialist Diabetes Clinic in Jamaica”. KA Gayle, MK Tulloch-Reid, NO Younger-Coleman, DK Francis, SR McFarlane, **RA Wright-Pascoe**, MS Boyne, RJ Wilks, TS Ferguson. *WIMJ* 61 (Suppl. 1), (2012): 36.
 - * “Relationship between self-monitoring of Blood-Glucose and Glycaemic Control among Patients attending a Specialist Diabetes Clinic in Jamaica”. KK Francis, NO Younger-oleman, MK Tulloch-Reid, **RA Wright-Pascoe**, MS Boyne, RJ Wilks, TS Ferguson. *WIMJ* 61 (Suppl.1), (2012): 37.
 - * “Chronic Kidney Disease in the Caribbean”. **AK Soyibo**, L Roberts, **EN Barton**. *WIMJ* 60 (4), (2011): 464.

- * “Chairman’s Message”. **R Wright-Pascoe**. *WIMJ*, 30, (2011): 16.
- * “Glutathione metabolism in persons with Type 2 diabetes”. FK Lutchmansingh, FI Bennett, AV Badaloo, N McFarlane-Anderson, GM Gordon-Strachan, **R Wright-Pascoe**, F. Jahoor, MS Boyne. *WIMJ* 61 (Suppl 2), (2012): 24.

PUBLIC SERVICE

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

Dr. Trevor Murphy

- Secretary, Association of West Indian Gastroenterologists

Dr. Dwight Whittle

- Volunteer, Gastroenterology Clinic and procedures, Princess Margaret Hospital, Morant Bay, St Thomas.

Dr. Lisa Hurlock

- Member, Cardiologic evaluation Physician for swimmers for Jamaica

Dr. Rosemarie 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

Dr. Charlton Collie

- Chairman, Board of Directors, Pre-University School

Dr. Marilyn Lawrence-Wright

- Treasurer, Caribbean Cardiac Society
- Member, Jamaica Anti-Doping Commission Board

AWARDS

Professor M Lee

- Distinguished award. Medical Association of Jamaica

Professor E Barton

- Order of Distinction, Government of Jamaica 2011
- Appreciation Award, Bridge for life U.S.A. 2012
- Travel Award American College of Physicians 2012

DEPARTMENT OF MICROBIOLOGY

Professor John F. Lindo, BSc, PhD UWI – Head of Department

WORK OF THE DEPARTMENT

Caribbean Medical Mycology Reference Laboratory

The department continued the process of upgrading its facilities and equipment to better respond to the needs of its stakeholders in teaching, clinical microbiology and research. One major thrust over the period under review is work towards the establishment of the Caribbean Medical Mycology Reference Laboratory in response to an increasing need for antifungal susceptibility testing in Jamaica and elsewhere in the Caribbean. The staff



of the mycology laboratory is involved in two training and development collaborations with the University College, London (Professor Tim McHugh) and the Fungus Reference laboratory at the University of Texas Medical Branch in San Antonio (Dr Annette Fothergill). Dr O Heslop and Mrs Trischa-Day Munroe Williams received training at the University of Texas and Ms Rebeca Gorton from UCL (Royal Free campus) visited the laboratory as part of the collaborations. The laboratory is currently completing its Standard Operating Procedures and preparations for College of American Pathologists accreditation which will allow it to participate in new income generating opportunities.

The National Influenza Centre

The year 2012 commemorates the 60th anniversary of the establishment of the National Influenza Centre (NIC) at the Department of Microbiology, UWI. The NIC continues to be engaged in the diagnosis and surveillance of influenza and other respiratory viruses for Jamaica and contributes to the Weekly Surveillance Bulletin for Jamaica (MOH), the

CAREC Surveillance Reports and to the Weekly Epidemiological Surveillance Regional Pan American Health Organization (PAHO) publications for the Americas.

During 2011-12 the NIC successfully (Score of 100%) participated among 170 laboratories from 134 countries in the WHO External Quality Assessment Program (EQAP) for molecular detection of Pandemic (H1N1), Avian influenza and Seasonal Influenza A and B viruses. Laboratory surveillance for the newly emerged Influenza A (H3N2) variant, presently circulating in the USA has been initiated by the NIC. Dr. S Jackson participated in a PAHO/WHO Regional Conference of the Latin America and Caribbean on the “Implementation of Intensified National Surveillance of Severe Acute Respiratory Infections (SARI)” in Bogotá, Colombia. At this meeting the NIC and the MOH made a joint presentation on the current status of influenza surveillance in Jamaica. Collaborations with the Ministry of Health Surveillance and Disaster Preparedness Response Units and PAHO have continued with the NIC participating in four Enhanced Severe Acute Respiratory Infection workshops throughout Jamaica. www.paho.org/influenzareports.

Dengue Surveillance

Additional collaboration in disease prevention and control was conducted through provision of diagnostic services for dengue to inform the Ministry of Health, Jamaica of the status of the disease in Jamaica.

Control of Healthcare associated Infections

Following on the success of the 2010/2011 training on the control of healthcare associated infection the department expanded the course in a new offering. This included expanding the training faculty to four experts from the UK led by Jennie Wilson from Imperial College, London. This allowed us to offer introductory and an advanced courses to 136 participants including doctors from most specialties, nurses, pharmacists and medical technologists. Participants came from major hospitals across Jamaica (Ministry of Health), University Hospital of the West Indies, The Cayman Islands, The Bahamas and Trinidad & Tobago. The course was

once again evaluated as being excellent in delivery, content and relevance. The workshop was organised by Drs A Nicholson and K Roye Green.

Income generation, grants and awards

National Health Fund (\$3,334,546.00): Infection Control training workshop. Changing the Structure, Transforming the Culture. **Dr Alison Nicholson.**

UWI Principal's New Initiative Grant (\$1,000,000.00). The detection and identification, at a molecular level, of the mechanisms of antibiotic resistance in multidrug resistant bacteria at the University Hospital of the West Indies. **Dr Alison Nicholson.**

Dr Camille Thoms-Rodriguez (DM Candidate) received the Sanofi Pasteur Travel Grant for Latin American Female Physician from the Intentional Society of Infectious Diseases.

Clinical Laboratory Services

Much progress was made on upgrading the laboratories and the only areas which have not been completed are the Virology and Biosafety Level II Laboratories. The laboratory information systems project has advanced and go live is expected in the second quarter of 2012. The department continues to work towards ISO accreditation under the leadership of Professor Smikle.

PAPERS PRESENTED

- Bodonaik N, **Heslop O**, Nagassar R. The antibiotic susceptibility pattern of Salmonella typhi isolates; 1982-2000. 15th International Congress of Infectious Diseases: Bangkok, Thailand, June 13-16, 2012.
- Thoms-Rodriguez **C**, **Nicholson AM**, **Christian NA**, Willey B, Didier H, Mataseje L, McCracken M, Boyd D, Mulvey MR, Mazzulli T. The detection of NDM-1 and other carbapenemase genes in multidrug resistant Gram negative bacteria (MDRGNB)

in a Jamaican hospital. 15th International Congress of Infectious Diseases: Bangkok, Thailand, June 13-16, 2012.

- Reynolds G, **Nicholson AM**. Aminoglycoside resistance in clinical isolates of Gram negative bacteria encountered over a period of 30 years, University Hospital of the West Indies, Jamaica. 15th International Congress of Infectious Diseases: Bangkok, Thailand, June 13-16, 2012.
- **Lindo JF**, Brown P, **Vickers IE**, **Brown G**, **Jackson ST**, Lewis-Fuller E. Coinfections of dengue, leptospirosis and malaria in Jamaica. Caribbean Health Research Council, 57th Annual Council and Scientific Meetings. *WIMJ*, 2012; 61(Suppl 2).
- **Jackson ST**. Vaccination against Communicable Diseases in all Stages of Life. GlaxoSmithKline. Annual Medical Workshop. Jamaica, May 12 – May 13, 2012
- Jackson ST, Dawkins T. Influenza Surveillance in Jamaica. Implementation of Intensified National Surveillance of Severe Acute Respiratory Infections. PAHO/WHO Bogotá, Colombia. November 15-17, 2011

PUBLICATIONS

Book chapter

- * **Orville Heslop** (2012). Genetic Diversity and the Human Immunodeficiency Virus Type-1: Implications and Impact, Genetic Diversity in Microorganisms, MahmutCaliskan (Ed.), ISBN: 978-953-51-0064-5, InTech, Available from: <http://www.intechopen.com/books/genetic-diversity-in-microorganisms/genetic->

Referred peer-reviewed articles

- * Anzinger JJ, Chang J, Xu Q, Barthwal MK, Bohnacker T, Wymann MP, Kruth HS. Murine bone marrow-derived macrophages differentiated with GM-CSF become foam cells

by PI3K-dependent fluid-phase pinocytosis of native LDL. *J Lipid Res.* 2012;53(1):34-42.

- * **Heslop OD, NyiNyi M, Abbott S,** Rainford LE, CastleDM,Coard KCM. Disseminated trichosporonosis in a burn patient: meningitis and cerebral abscess due to *Trichosporonasabii*. *J Clin Microbiol.* December 2011; 49 (12): 4405-8.
- * **Roye-Green, K.,** Frederick, J., Wharfe, G., Choo-Kang, E., DaCosta, V., Fletcher, H., & **Smikle, M.** (2011). Anti-phospholipid and other autoantibodies in a cohort of habitual aborters and healthy multiparous women in Jamaica. *Human antibodies*, 20(1), 1-5.

Non peer-reviewed abstracts

- * **Nicholson AM.** Advances in the diagnosis and management of Respiratory Tract Infections. Medical Association of the Bahamas Conference, Nassau, March 2012.
- * Nicholson AM. Antibiotic Resistance at the UHWI, Jamaica. REBACCC (Bacterial Resistance in Central America and the Caribbean). El Salvador, August 2011.
- * **Nicholson AM.** Current Trends of Bacterial Resistance in Respiratory Tract Infections in Jamaica. Paediatric Association of Jamaica, April 2012.

PUBLIC SERVICE

Professor Monica Smikle

- Member, American Society of Microbiologists
- Member, Lions Club of Mona

Dr Karen Roye Green

- Member, American Society of Microbiologists
- Member, Caribbean Association of Clinical Microbiologists.

Dr Alison Nicholson

- Member, American Society of Microbiologists
- Member, Caribbean Association of Clinical Microbiologist
- Member, International Society of Infectious Diseases

Dr. S Jackson

- Member, American Medical Writers Association
- Member, Association of Consultant Physicians of Jamaica
- Member, Pan American Society of Clinical Virology
- Member, WHO Global Influenza Surveillance Network,
- Director, National Influenza Centre, Jamaica

Ms Nicole Christian

- Member, American Society of Microbiologists.

Dr Michelle Brown

- Member, American Society of Microbiologists

Dr Orville Heslop

- Member, American Society of Microbiologists

Dr 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)

DEPARTMENT OF OBSTETRICS, GYNAECOLOGY

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

WORK OF THE DEPARTMENT

The main focus of the Department of Obstetrics and Gynaecology is to lead the development of teaching and research in women's health in order to improve the health and welfare of families, and to make a tangible impact in the region. As such, the Department focussed significantly on clinical (service) work and academia (teaching and research).



In the last eight years, the Department has grown with the inclusion of more consultants and more residents. We have increased the cadre of consultants in the Obstetric and Gynaecological services (reproductive endocrinology, gynaecological oncology and perinatal services). We now have two new posts as labour ward consultants where residents are constantly supervised while managing patients in this high risk area. This has resulted in more prompt management of emergencies and a decrease in maternal mortality. We also now have two trained gynaecological oncologists which has resulted in many more oncology cases being done and more referrals of difficult cases from Jamaica and the Caribbean. A trained maternal foetal medicine specialist, who manages high risk referrals, also joined our team. The improvement in the staff compliment has resulted in our improvement in managing patients as well as teaching undergraduate and postgraduate students. The Department teaches medical students, postgraduate students (Doctorate Medicus Obstetrics/Gynaecology) as well as supervise other postgraduate students in MPhil and PhD programmes.

The Department also assists with the teaching of students in the Midwifery and Nursing programmes.

Obstetric Perinatal Service

The Perinatal Service hosted its 11th Annual Conference from February 11-12, 2012 under the theme “Twin Pregnancy”. Professor Jon Barrett, Maternal Foetal Medicine Specialist and Chief Sunnybrook Health Sciences Centre at the University of Toronto delivered the guest lecture, which focused on “Monochorionic Gestation: Its dangers and diagnosis”. The Conference highlighted the complications of this type of pregnancy, and hosted workshops to address issues to include maternal collapse and resuscitation, basic obstetrics ultrasound, and Cardiotocographic (CTG) monitoring. More than 450 persons participated in the Conference.

The Service continues to manage high risk obstetric cases and accepts referrals from the rest of the island as well as the rest of the British West Indies. The Unit facilitated the teaching of postgraduate and undergraduate medical students. Ultrasonography services offered privately proved successful and profitable for yet another year. The service is done at a very high level and linked by computer to experts in Canada for second opinions. This was organised and is run by the Maternal Foetal Specialist Dr Nadine Johnson. Presently, a second staff member is in training in the field in Canada and is expected to rejoin the Department in 2014.

Oncology Unit

The Oncology Unit continued to offer consultations for patients with gynaecological tumours, colposcopic diagnosis and treatment, and surgery for gynaecological tumours. The Unit also facilitated the teaching of postgraduate and undergraduate medical students. Dr. Ian Bambury rejoined the Oncology Unit having returned from his fellowship in Gynaecological Oncology in Ottawa. Dr. Matthew Taylor has also been appointed as a consultant in his own right. The Unit continues to be overseen by four lecturers of the Department: Professor Horace Fletcher,

Dr Carole Rattray, Dr. Sharmaine Mitchell, and Dr Ian Bambury. The Unit is staffed by Sister Murdoch and her team of nurses, as well as residents who rotate through on a monthly basis.

Sterility and Fertility

The members of the Sterility and Fertility firm and Fertility Management Unit resumed the In Vitro Fertilization and Embryo Transfer Programme for the treatment of infertile patients from Jamaica and the wider Caribbean. The programme was restructured to streamline and accommodate the treatment of infertile couples on a continuous basis. The service is managed by Professor Joseph Frederick as director of the programme 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. Since the resumption, the pregnancy rates have shown considerable improvement as we are also achieving pregnancies from the frozen embryos and donor eggs. A major breakthrough is that all the documents required for the registration of the drugs used in the programme have been submitted to the Pharmaceuticals and Regulatory Affairs Division in the Ministry of Health.

The Firm also undertook operative and diagnostic laparoscopy, contraception and sterilisation advice and management. Counseling in family planning and family life was also offered. The Firm has recently embarked on construction of a new state of the art building to house two operating suites, a lecture theatre and new in vitro fertilisation labs. This construction is in an advanced state of completion. This initiative will see an increase in the generation of capital for the University. Also important is the fact that this new unit will have facilities for video conferencing to allow other campuses to benefit from seeing procedures being performed.

Contribution of Faculty Members

The performance of administrative functions continued to be paramount. The Department continued its bi-monthly Specialty Board meetings, and

participated in the Faculty's Board Meetings, Evaluations and Promotions Meetings, and Faculty Committee for Graduate Studies Meetings. Staff members also participated in the Mona Academic Board Meetings. The Department continued its regular case management conferences for postgraduate students on Mondays and Thursdays.

RESEARCH GRANTS

The project titled "Endocrine Disrupters in Jamaican Foods, sewage and waste water and water supply: synthetic oestrogens Xenoestrogens, and Phyto-oestrogens, and their Association with semen analysis in infertile couples" received funding through the Principal's New Initiative grant in the amount of \$J1.366M. This is to involve collaboration with Professor Dasgupta of the Department of Chemistry, University of the West Indies, along with other obstetrics and gynaecology consultants and residents.

RESEARCH COMPLETED

- Harriott J, Simpson Harley C, Christie L, DaCosta V, Wynter S. Vaginal Examination: a new approach to an old dilemma.
- Harriott J, Monthrope P, Christie L, Wynter S, DaCosta V, Frederick J. Assessment of endometrial abnormalities prior to in vitro fertilization: Comparison between the use of Saline Contrast Hysterosonogam (SCHS) and Hysteroscopy.
- Berry E, Harriott J, Morgan O, Fletcher H. A prospective study of Maternal Obesity and Pregnancy Outcome at the University Hospital of the West Indies.
- Simms-Stewart, D. Twin Birth Study: A multicenter Trial.
- Simms-Stewart, D. Comparison between actual birthweight, ultrasonographic foetal weight and the effect of the level of experience on the accuracy of the measurement.

Research Awards

- **Christie L, Harriott JA, Dacosta VE, Wynter SH,** Everett DM, Foster RA. John J. Sciarra IJGO Prize Paper Award, 2011. “Intrauterine Insemination in Jamaica as a low cost subfertility treatment in a low-Resource Region.”. (Best Clinical Research Article from a Low/Middle-income Country - Honorable Mention. The IJGO is the official journal of FIGO).
- **Fletcher, Horace.** Principal’s Research Award 2012 “Most outstanding researcher” Presented February 2012. Mona Campus UWI.
- **Frederick, Joseph.** Grabham Society Award for Excellence “for Pioneering and Innovative Work which has contributed to the advancing of Science of Obstetrics and Gynaecology during the first 50 years of independence”. Presented 2012.

PAPERS/POSTERS PRESENTED

Dr. Loxley Christie

- “Advances in the Laparoscopy in Jamaica”. American College of Obstetricians and Gynaecologists
- “Amenorrhea and the General Practitioner”. The Caribbean College of General Physicians
- “Maintaining your Sexual Appetite”- St. John’s SDA Church Health Annual Health Fair
- Connecting Minds – Motivational Speaker - A project, facilitated through Flow Jamaica, aimed at mentoring final year High School Students preparing for further studies.

Dr. Nadine Johnson

- “Ultrasound in High Risk Pregnancy”. Obstetrics and Gynaecology Annual Symposium in Nassau, Bahamas.

PUBLICATIONS

- * **Bambury I**, Wharfe G, **Fletcher H**, Williams E, Jaggon J. Ovarian lymphoma. *J Obstet Gynaecol*. 2011 Oct; 31(7):653-5.
- * 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. *WIMJ*. 2012; 61(S4): 50.
- * **Christie L R**, **Harriott JA**, **Dacosta VE**, **Wynter SH**, Everett DM, Foster RA. Intrauterine insemination in Jamaica as a low-cost subfertility treatment in a low-resource region. *Int J Gynaecol Obstet*. 2011 Mar 112(3):208-10. Epub 2011 Jan 17.
- * **DaCosta V**, **Wynter S**, **Harriott J**, **Christie L**, Berry E, Frederick-Johnston S, **Frederick J**. Operative hysteroscopy in a Jamaican cohort. *WIMJ*. Dec 2011, 60(6):641-6.
- * **DaCosta V**, **Wynter S**, **Harriott J**, **Christie L**, **Frederick J**, Frederick-Johnston S. Laparoscopic Cervicoisthmic Cerclage for the treatment of Cervical Incompetence: Case Reports. *WIMJ*. 2011 Oct; 60(5):590-3.
- * **Fletcher H**, Brathwaite, Hylton-Kong T. and Figueroa P. Poverty, folate deficiency, HIV and ulcerated STD in Jamaica. *WIMJ*, 2011 60:137-140.
- * **Fletcher H**, Buchanan K, Jacob L. Conservative treatment of ectopic pregnancies medical versus surgical Therapy. *Open Journal of Obstetrics and Gynaecology*. 2011, 1:6-11.
- * **Fletcher H**, Burrell C, Bassaw B, Thomas E. Complications of uterine fibroids and their management. *Obstet Gynecol Int*. 2012:932436. Epub, Mar 19, 2012.
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- * Lewis T, **DaCosta V, Harriott J, Wynter S, Christie L**, Cawich S. Factors related to obstetric third and fourth degree perineal lacerations in a Jamaican cohort. *WIMJ.* 2011 Mar; 60(2):195-8.

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- * **Simms-Stewart D**, **Fletcher H**. Counselling patients with uterine fibroids: a review of the management and complications. *Obstet Gynecol Int*. 2012;539365. Epub 2012 Jan 9.
- * **Simms-Stewart D**, Hardie J, Mitchell P, **Fletcher H**, Reid A, Shah D. Torsion in a perimenopausal non-gravid uterus with infarction and gangrene of uterus and adnexa: a proposed means of making the diagnosis clinically. *J Obstet Gynaecol*. 2012 Apr; 32(3):312-4.
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Abstracts

- * Bryan L, **Rattray C**. Knowledge and attitude regarding human papilloma virus (HPV) infection and Vaccine among Healthcare providers in Jamaica. 2011 *WTMJ*, 60 (supp 4):36.

- * **Fletcher H**, Gordon Strachan G, McFarlane S, **Frederick J**. and Hamilton P. Obstetricians-gynaecologists and GPs commonly provide abortions in Kingston Jamaica. *Reproductive Health Matters* 19:229.
- * Lewis T, **DaCosta V**, Cawich SO, **Harriott J**, Wynter JS, **Christie L**. A retrospective Case Controlled Analysis of predispositions to severe obstetrics perineal lacerations. 2012, *WIMJ*, 61 (supp 2):42.
- * Morrison B, Burrowes I, Aiken W, Mayhew R, **Fletcher H**, Reid M. Bone mineral density in Jamaican men on androgen deprivation therapy for prostate cancer. 2011 *WIMJ*, 60 (supp 2):23.
- * Titus T, **Rattray C**, Walters C. The Pfannenstiel incision vs midline incision as a source of chronic pain. 2011 *WIMJ*, 60 (supp 4):27.

PUBLIC SERVICE

Professor Horace Fletcher

- Member, Faculty Accreditation Committee
- Chairman, Obstetrics and Gynaecology Specialty Board
- Member, Cross Campus Medical Curriculum Committee
- Member, Faculty Research Day Committee
- Member, Faculty Assessment and Promotions Committee
- Medical Students Selection Committee
- President, Cornwall College Old Boys Association – Kingston Chapter

Dr. Santosh Kulkarni

- Convenor, Journal Club
- Organiser, Case Management Conference
- Member, Obstetrics and Gynaecology Specialty Board

- Member, Obstetrics and Gynaecology Curriculum Committee

Dr. John Harriott

- Member, Strategic Planning Team for Hugh Wynter Fertility Management Unit Expansion Project
- Member, Obstetrics and Gynaecology Specialty Board

Dr. Shawn Wynter

- Member, MBBS stage II Curriculum Committee
- Board Member, Centre for Gender and Development Studies
- Member, Obstetrics and Gynaecology Specialty Board

Dr Donnette Simms-Stewart

- Member, Obstetrics and Gynaecology Specialty Board

Dr. Loxley R. Christie

- Member, Obstetrics and Gynaecology Specialty Board
- Local Representative, World Contraceptive Day

Dr. Nadine Johnson

- Co-organizer, annual perinatal conference
- Member, Obstetrics and Gynaecology Specialty Board

STUDENT ACHIEVEMENT

Students in both the MBBS and DM programmes continue to perform well. At the undergraduate level, the clinical examinations are being changed to feature an OSCE. This will be introduced to class of 2014. At the postgraduate level, following on the cross campus meetings held over the last three years, it was agreed that DM examinations will also be restructured. The Department continues to work to satisfy this mandate, and has made initial steps by convening the Department's Curriculum Committee. Steps are also being taken to ensure that the curriculum across all three campuses is harmonised to ensure that all students receive a

similar learning experience. Video-conferencing facilities will be needed to ensure its success, and this is being explored by the Department.

All candidates who sat the DM (Part 2) examination in Obstetrics and Gynaecology were successful. The Department is in the process of developing a Fellowship Curriculum in Gynaecologic Endoscopic Surgery and guidelines for the assessment of levels of competence.

The Obstetrics and Gynaecology subject medal for all campuses for the 2012 May/June examinations was awarded to Catherine Innis from the Mona Campus.

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

There are 19 full-time members of academic staff and one half-time lecturer (shared with the Department of Medicine) – Anatomical Pathology: 5 Professors, 4 Senior Lecturers, 2 Lecturers; Chemical Pathology: 1 Professor, 1 Senior Lecturer, 1 Lecturer; Haematology: 1 Senior Lecturer, 4 Lecturers, 1 half-time lecturer (Oncologist shared half and half with the Department of Medicine).

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.

Each member of the academic staff continues to work along the lines of teaching, research and service work without any planned weighting or streaming in terms of differential workloads. Replacing retired academic staff members in Anatomical Pathology has proven to be problematic and this sub-department still has three Professors working on post-retirement contracts and attempts to replace these persons by recruitment locally, regionally and internationally have not been successful so far. One of our

recent DM graduates is slated to undertake post-doctoral training in Canada to enable her to replace one of the retirees at the end of 2012.

A Laboratory Information System (LIS) Administrator was appointed effective April 1, 2012 and will be shared with the Department of Microbiology. He has begun the work necessary to train the staff and prepare departmental systems for the impending acquisition of an LIS. We still await the appointment of a Quality Assurance Manager to drive, coordinate and monitor the accreditation of the laboratories, without which we are still unable to attract research projects from international collaborators. We still await administrative appointments and reform in the Department as requested for the past two years such as:

- The rationalizing and reclassification of the Departmental administrative staff so as to better cope with the ever increasing administrative load being placed on 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

Despite numerous problems, the department continues to perform all of its functions at a commendable level. The Chemical Pathology and Haematology Subdepartments have attempted to maintain modern, cutting edge services by entering into lease-service contracts with large suppliers of laboratory reagents. This has allowed us to always have the best analysers available without significant capital outlay, and to get optimal cost-benefit from our reagents. The Histology Laboratory is badly in need of automation for routine and immunohistochemical functions. This laboratory continues to be plagued by unstable voltage as well as poor airconditioning and fume extraction systems. The Renal Pathology Unit is in desperate need of revitalization and new technology, including an electron microscope.

Our laboratory and autopsy services continued to provide invaluable support to the care of the in- and outpatients of the UHWI, as well as to patients from other medical facilities and institutions, both national and regional.

A total of 535,583 tests were performed by the Chemical Pathology Laboratory and 150,268 by the Routine Haematology Laboratory. The Blood Bank performed 26,538 tests and collected 4,427 units of blood from voluntary donors. The Flow Cytometry Unit processed 59 cases. The Cytology Laboratory processed 4,285 pap smears (64,275 units of work) and 703 non-gynaecological cases (91,390 units of work). The Histopathology Laboratory accessioned and processed 8,768 surgical cases which generated 46,426 tests (including routine, histochemical and immunohistochemical stains), amounting to over 671,882 units of work.

A total of 199 autopsies were performed, including 43 perinatal autopsies.

Academic Innovations

The department co-hosted two international conferences that were of groundbreaking significance. The first was held on April 20, 2012 in the Main Medical Lecture Theatre (MMLT), UWI, and was a Surgical Pathology Conference put on by us and members of the Faculty of the Mayo Clinic, Rochester, Minnesota, USA. This conference is slated to be an annual event and marks an era of collaboration between the pathologists of both institutions.

The second conference was the First International Forensic Medicine Conference that was held on May 26 and 27, 2012, at the MMLT, UWI under the auspices of our department and that of the Centre for Forensic Science and Medicine, Toronto, Canada. This seminal conference and associated workshops sought to bring together all players and interest groups, governmental and civil, concerned with the development and capacity building of Forensic Pathology and its associated Forensic Sciences in Jamaica.

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.

Our lecturers continued to perform their assigned tasks admirably and the Report on the Student Self-Study for the Accreditation Process of the Faculty of Medical Sciences, Mona Campus, UWI, 2011, noted that the medical students:

- Selected the Pathology & Microbiology and Gynaecology clerkships as being the best clerkships
- Scored the Pathology & Microbiology Clerkship with the highest positive ratings (93.8%) where the quality of “Lectures/Conferences” was concerned.

Graduate Programmes

The DM Programme in Anatomical Pathology currently has 17 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 7 registered candidates and the DM in Chemical Pathology has one.

INFRASTRUCTURE DEVELOPMENT & FACILITIES

Academic, administrative, stores and support staff have moved into their respective refurbished offices and work areas, which are more functional and aesthetically reflective of what the department should be throughout. We are still short of space and facilities for the use of postgraduate students, storage of records, supplies, archival material, etc, and further refurbishing is still necessary in some decrepit areas of our physical plant.

RESEARCH & INNOVATION

The Jamaica Cancer Registry

The registration of cancers from 2008 until the current date continues, with the purpose of preparing the next 5-year cancer incidence report, which will cover the period 2008 – 2012. It is expected that this report will be available for publication in 2014, pending the processes of verification of cases and data analysis.

During the year, the cancer registration software was upgraded to CanReg® version 5, provided by the International Agency for Research on Cancer (IARC). After initial testing, this programme is currently being used exclusively for registration of new cases.

The Registry has also submitted paediatric cancer cases to IARC for inclusion in the third volume of “International Incidence of Childhood Cancer”.

The Registry, in addition to investigating overall age-specific cancer incidence rates, has focused on specific cancers, analyzing the epidemiology of thyroid cancer, soft tissue sarcomas, childhood malignancies, malignancies in adolescents and young adults and head and neck cancers. These projects have already been translated into papers, most of which are *In press*, and one of which has already been published.

The JCR has also actively supported the Elective programme in the undergraduate curriculum, accommodating six medical students, who participated in four cancer research projects. One of these students (Mr. Kurt Blake), presented his work (*A 30 Year Review of Paediatric Central Nervous System Malignancies in Jamaica: 1978 – 2007*) at the 2011 Faculty of

Medical Sciences Annual Research Conference, and was awarded the prize for the Best Poster.

Ms. Miguella Marius (*Epidemiologic Features of Osteosarcoma in Kingston and St. Andrew, Jamaica, 1978 – 2007*) and the team of Ms. Brittany Banbury and Mr. Andre McDaniel (*A 20-Year Review of Primary Ovarian Malignancies in Jamaica, 1988 – 2007*) have submitted their projects for the next Research Conference. Ms. Carlene Liburd (*Epidemiology of Malignant Melanoma in Jamaica, 1958 – 2007*) is preparing a manuscript for publication.

As has been the tradition, the Registry has provided information on cancers to members of the medical community, the Ministry of Health, and to assist in various research projects.

PAPERS PRESENTED

Dr K Bishop

- “Perinatal Pathology Report January – December 2011: Analysis of Data”, 11th Annual Perinatal Conference: Faculty of Medical Sciences, The University of the West Indies, Mona, February 11-12, 2012
- “Perinatal Pathology Report January – December 2011” S. Allen. 11th Annual Perinatal Conference: Faculty of Medical Sciences, The University of the West Indies, Mona, February 11-12, 2012
- “Twin Placentation and Related Pathology”. 11th Annual Perinatal Conference: Faculty of Medical Sciences, The University of the West Indies, Mona, February 11-12, 2012
- “Fatal Child Abuse”. First International Forensic Medicine Conference. Faculty of Medical Sciences, UWI and Centre for Forensic Science & Medicine, University of Toronto, Main Medical Lecture Theatre, UWI, Mona, May 26-27, 2012

Professor K Coard

- “The influence of sexual behaviour, sexually transmitted infections and condom use on prostate cancer risk in Jamaican men: a case-control study”. WD Aiken, FL Bennett, CM Simpson-Smith, MK Tulloch-Reid, N, McFarlane-Anderson, T Tulloch, RL Wan, R Mayhew, BF Morrison, TJ Paul, MD Jackson. 57th Scientific Meeting of the Caribbean Health Research Council, Cayman Islands. April, 2012.
- “Pathological outcome and biochemical recurrence free survival following radical prostatectomy in African American, Afro-Caribbean (Jamaican) and Caucasian men: an international comparison.” Chad R. Ritch, Belinda F. Morrison, Greg W. Hruby, William D. Aiken, Mitchell C. Benson, James M. McKiernan. American Urology Association (AUA) Annual Meeting, USA. May 2012.
- “The influence of sexual behaviour, sexually transmitted infections and condom use on prostate cancer risk in Jamaican men: a case-control study.” William D Aiken, Marshall K Tulloch-Reid, Franklyn L Bennett, Candace M Simpson-Smith, Norma McFarlane-Anderson, Trevor Tulloch, Robert L Wan, Lorna Gibson, Maria D Jackson. 4th International African-Caribbean Cancer Consortium Conference, USA. July 2012.

Dr L Dilworth

- Biochemical Profile of Tuber crops and the Implications for Preserving Regional Biodiversity. XV congreso de la Sociedad Mesoamericana para la biología y la conservación: Simposio: Los huertos familiares de Mesoamérica su importancia florística, ecológica, económica, etnobotánica, alternativas de uso Y su conservación. Yucatán, Mexico 2011.
- “El Huerto familiar “Batey” finca agrícola del caribe un estadio de caso en Jamaica.” JS Flores, J K-B y R V Ricalde. XV congreso de la Sociedad Mesoamericana para la biología y la conservación:

Simposio: Los huertos familiares de Mesoamérica su importancia florística, ecológica, económica, etnobotánica, alternativas de uso Y su conservación. Yucatán, Mexico 2011.

- “Risk awareness of students to welding operations in Jamaican urban high schools.” C Johnson, A Simpson and PF Brown. UWI/UNESCO-Caribbean Conference on Technical Vocational Education & Training (TVET), March 7-9, 2012.
- “Beneficial effects of Jamaican bitter yam biomaterials in hypercholesterolemic mice.” (Poster). Stennett, D.K., Wheatley, A, McGrowder, D., Asemota, H., (2012) Experimental Biology Meeting, San Diego, California, USA, April, 2012.

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.” (Poster). **Harrison SR**, McFarlane-Anderson ND, Reid ME. 4th International African-Caribbean Cancer Consortium (AC3) Conference, Lincoln University Graduate Center, Philadelphia, Pennsylvania, USA, July 21-22, 2012.

Dr T Gibson

- (a) “Cancer incidence in Jamaica. Inaugural University of the West Indies”
- (b) “Genetics in Pathology at UWI: Today and tomorrow”

Both presented at the Inaugural UWI / Mayo Clinic Surgical Pathology Conference, Kingston, Jamaica, April 2012.

- “Cancer burden in Jamaica.” 4th International African-Caribbean Cancer Consortium Conference. Philadelphia, Pennsylvania, U.S.A., July 2012
- “Demographic profile of leukaemia in Kingston and St. Andrew, Jamaica, 1978 – 2007.”(poster). **JE Taylor-Houston, DA Lowe, B Hanchard, N Waugh, D McNaughton** Faculty of Medical

Sciences Annual Research Conference, Kingston, Jamaica, November 2011.

Dr J Jaggon

- “A 30-year review of paediatric central nervous system malignancies in Jamaica: 1978-2007.” (Poster) KEG Blake, **K Bishop, B Hanchard, T Gibson**, N Waugh, D McNaughton, **G Char**. 20th Annual Research Conference: Faculty of Medical Sciences, The University of the West Indies, Mona. November 2011.
- “Pathology of Pineal Region Tumors” **G Char**, R Thompson. Caribbean Neurosciences Symposium, January 2012, Montego Bay, Jamaica.

Dr S Shirley

- “Pathologic appraisals of core needle biopsies of the breast: How far can you go?” The Professor Stanley Brooks Memorial Lecture, 17th Annual symposium of the Jamaican Association of Clinical Pathologists, November 6, 2011, Knutsford Court Hotel, Kingston, Jamaica.
- “Breast Cancer Pathology in Jamaica,” UWI/Mayo Clinic Inaugural Surgical Pathology Conference, April 20, 2012, Main Medical Lecture Theatre, FMS, UWI

PUBLICATIONS

Books and Monographs

Book Chapter

- * **D. McGrowder** (2012). Biochemical and molecular genetic testing used in the diagnosis and assessment of cystic fibrosis. In *Cystic Fibrosis – Renewed Hopes Through Research*. Editor Dinesh Sriramulu. Chapter 6, pages 123-150. *InTech Open Access Publishers*.

Refereed (Peer-Reviewed) Journal Articles

- * **Coard KCM**. Aortic Dissection at the UHWI: “A 20-year clinicopathological study of autopsy cases”. *BMC Research Notes* 2011, 4:348.
- * Tulloch-Reid MK, Aiken WD, Morrison BF, Tulloch T, Mayhew R, Wan R L, Bennett F I, **Coard KC**, Jackson MD. “Body mass index and prostate specific antigen levels in Jamaican men”. *WTMJ*. 2011; 60: 316-321.
- * Heslop OD, Nyi Nyi M-P, Abbott S, Rainford Lois, Castle D, **Coard KCM**. “Disseminated Trichosporonosis in a burn patient: meningitis and cerebral abscess due to *Trichosporon asahii*”. *J Clin Microb*. 2011. 49: 4405-4408.
- * Jackson MD, Walker SP, Simpson -Smith CM, Lindsay CM, Smith G, McFarlane-Anderson N, Bennett FI, **Coard KCM** , 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: 23-33.
- * Bullock R, Mayhew R, **Gibson T**, James M, Didier M, Nebhnani J. “Leiomyoma: an unusual bladder neoplasm”. *BMJ Case Reports* 2011; published online 15 August 2011
- * Thompson RK, **Gibson TN**, **Hanchard B**, McNaughton D, Waugh N. “Comparative analysis of thyroid carcinomas in Kingston and St. Andrew, Jamaica, between two consecutive 15-year periods”. *WTMJ* 2011; 60: 519-24.
- * Morrison BF, **Hanchard B**, Graham RP, Reid ME. “Penile cancer in Jamaicans managed at the University Hospital of the West Indies” *WTMJ*. 2011 Oct; 60 (5):525-30.
- * Whittle DO, Lee MG, **Hanchard B**. “Peutz-Jeghers syndrome” *WTMJ*. 2011 Jun; 60(3):340-3.
- * 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, Vol. 10 No. 1

- * Green C., Wheatley A. **McGrowder D., Dilworth L.,** Asemota H. “Hypolipidaemic effects of ortanique peel polymethoxylated flavanones in rats with diet-induced hypercholesterolaemia”. *Journal of Food Biochemistry*, 2011 35(5): 1555-1560.
- * Green, C., Asemota, H.N., Wheatley, A., **Hanchard B., Gibson, T., Dilworth L., McGrowder, D.** “Histopathological alterations in organ structure of hypercholesterolemic rats fed ortanique peel polymethoxylaed flavones”. *Basic and Applied Pathology* 2011; 4: 71-77
- * Green, C., Wheatley, A., **McGrowder, D., Dilworth L.,** Asemota, H.N. “Modulation of antioxidant enzymes activities and lipid peroxidation products in diet-induced hypercholesterolemic rats fed ortanique peel polymethoxylated flavones extract”. *Journal of Applied Biomedicine* 2012; 10: 91-101.
- * **Dilworth, L.,** Brown, K., Wright, R., Oliver, M. and Asemota, H. “Antioxidants, minerals and bioactive compounds in tropical staples”. *African Journal of Food Science and Technology* 2012; Vol. 3(4) pp. 90-98
- * D. McNaughton, W. Aiken, **D. McGrowder** (2011). “Factors affecting the practice of prostate cancer screening in a discrete population of doctors within the University Hospital of the West Indies”. *Asian Pacific Journal of Cancer Prevention* 12(5): 1201-1205.
- * M. Gossell-Williams, T. Hunter, C. Hyde, D. Simms-Stewart, H. Fletcher, **D. McGrowder,** C. Walters (2011). “Improvements in HDL-Cholesterol in postmenopausal women with pumpkin seed oil: Pilot study”. *Climacteric* 14(5): 558-564.
- * R. Irving, J. Mills, **E. Choo-Kang,** E.Y. Morrison, A. Mullings, R. Wright-Pascoe, W. McLaughlin, **D. McGrowder.** (2011). “Mosaic Pancreas or type 3 diabetes: The classification that

needs to be recognized”. *International Journal of Diabetes in Developing Countries* 30(3): 133-137.

- * **D. McGrowder**, Y. Frazer, L. Gordon, T. Crawford, J. Rawlins. (2012). “Elevated creatinine phosphokinase in patients with thyroid dysfunction”. *Nigerian Journal of Clinical Practice* 14:454-459.
- * **D. Brady-West, D. McGrowder** (2011). “Triple Negative Breast cancer: Therapeutic and Prognostic Implications”. *Asian Pacific Journal of Cancer Prevention* 12(8):2139-2143.
- * **D. McGrowder**, L. Anderson-Jackson, T. Crawford (2012). Prostate cancer and metabolic syndrome: is there a link? *Asian Pacific Journal of Cancer Prevention* 13:1-13.
- * D. Ragoobirsingh, **D. McGrowder** (2012). “A prospective study of children admitted for diabetes mellitus at a Jamaican Hospital. *Journal of Clinical and Diagnostic” Research*. 6(5): 832-834.
- * L. Gordon, **D. McGrowder**, Y. Pena, E. Cabrera, M. Lawrence-Wright (2012). “Effect of exercise therapy on lipid parameters indicators in patients with end-stage renal disease on haemodialysis”. *Journal of Laboratory Physicians* 4(1): 17-23.
- * L. Anderson-Jackson, D. McGrowder, R. Alexander-Lindo (2012). “Serum prostate-specific antigen and Gleason score in prostate biopsy in a private laboratory in Western Jamaica”. *Asian Pacific Journal of Cancer Prevention* 1453-1456.
- * Fletcher HM, **Wharfe GH**, Bambury I, **Williams E, Jaggon J**. “Ovarian lymphoma: a report of three cases”. *Journal of Obstetrics and Gynecology* October 2011, 31, 617-630.

Refereed (Peer-Reviewed) Journal Abstracts

- * 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 behaviour, sexually transmitted infections

and condom use on prostate cancer risk in Jamaican men: a case-control study. *WIMJ*. 2012; 61 (Suppl 2) 21.

- * **Dilworth L**, Johnston J. Biotechnological Applications of 3T3-L1 Cell Lines in Assessing Adipogenesis. *Journal of Arts Science and Technology*, 2012; 6 (Suppl 2): 18.
- * Stennett DK, Wheatley A, **Dilworth L**, McGrowder D, Asemota H. Beneficial effects of Jamaican bitter yam biomaterials in hypercholesterolemic mice. *FASEB* 2012; 26:576.11.
- * Blake KEG, **Jaggon J**, **Bishop K**, **Hanchard B**, **Gibson T**, Waugh N, McNaughton D, **Char G**. A 30-year review of paediatric central nervous system malignancies in Jamaica: 1978-2007. *WIMJ*. 2011; 60: (Suppl 4) 37.

PUBLIC SERVICE

Dr K. Bishop

- Cytopathology Consultant, Jamaica Cancer Society

Dr D. Brady-West

- Assistant Editor, *West Indian Medical Journal*

Dr L Buchner-Daley

- UWI representative, Ministry of Health NPHL/NBTS Modernisation Committee

Professor G. Char

- Cytopathology Consultant, Jamaica Cancer Society

Dr Sheray Chin

- Reviewer, *Gynecologic Oncology* & *West Indian Medical Journal*
- Member, American Society of Clinical Oncology, Caribbean Association of Oncology and Haematology, Association of Consultant Physicians of Jamaica, Medical Association of Jamaica

Professor K. Coard

- Chairman, Research Grants Awards Committee of the Caribbean Cardiac Society.

Dr L Dilworth

- Member, University Council of Jamaica Evaluation and Accreditation Team

Professor C. Escoffery

- Cytopathology Consultant, Jamaica Cancer Society

Dr. T. Gibson

- Cytopathology Consultant, Jamaica Cancer Society

Professor B. Hanchard

- Executive Board Member, International Society of Retrovirology
- Member, Board of Directors & Cytopathology Consultant , Jamaica Cancer Society

Dr. J. Jaggon

- Cytopathology Consultant, Jamaica Cancer Society
- Assistant Secretary and Member, Jamaica League Against Epilepsy

Dr. D. Lowe

- Executive Member, Leukemia CARE
- Voluntary clinician, National Blood Transfusion Service Voluntary Blood Donor Drive
- Clinical Advocate, Jamaica Haemophilia Society

Dr. D. McGrowder

- President, Jamaican Association of Clinical Pathologists
- Vice President, Laboratory Association of Jamaica.
- Member, Accreditation Council, Jamaica National Agency for Accreditation

Professor D. Shah

- Deputy Chairman, Council, Professions Supplementary to Medicine, Ministry of Health, Jamaica
- Cytopathology Consultant, Jamaica Cancer Society

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. J. Taylor-Houston

- Chairperson, Leukaemia CARE

Dr G Wharfe

- Member, Caribbean Association of Oncology and Haematology
- Chair, Jamaica Haemophilia Committee

Dr. E. Williams

- Cytopathology Consultant, Jamaica Cancer Society

Dr. N. Williams

- Member, International Relations Committee of the American College of Gastroenterology
- Cytopathology Consultant, Jamaica Cancer Society
- Executive Member, UWI Medical Alumni Association
- Member, UWI Mentorship Programme
- Member, ICHS Alumnae Association “Big Sister” Programme
- Member, ICHS Alumnae Association Scholarship Committee

DEPARTMENT OF SURGERY, RADIOLOGY, ANAESTHESIA & INTENSIVE CARE

**Professor Newton Duncan, MB BS, DM (Paediatric Surgery),
FACS – Head of Department**

WORK OF THE DEPARTMENT

The Department of Surgery, Radiology, Anaesthesia and Intensive Care (Surradic) is one of nine and the largest clinical department within the Faculty of Medical Sciences. Surradic is engaged in the undergraduate and postgraduate training of medical and allied medical personnel including doctors, nurses, physiotherapists, psychologists and emergency physicians. The academic staff also undertakes medical duties as clinical consultants at the University Hospital of the West Indies, which is the principal teaching hospital for the faculty.



The Department oversees eight clerkships: Junior and Senior Surgery, Anaesthesia & Intensive Care, Ophthalmology, Orthopaedics, Radiology, Otorhinolaryngology and Emergency Medicine. In the Junior and Senior Surgery clerkships students are taught General Surgery, Neurosurgery, Urology, Cardiothoracic Surgery and Paediatric Surgery. There are currently 780 undergraduate and postgraduate students rotating through the Department.

The Department achieved an average teaching score of 4.0 for Courses and 4.5 for Lecturers on the five-point teaching scale, compared with 4.4

and 4.2 respectively for the previous year. Teacher training through the MEU/IDU is required of all new Department members.

The academic programmes continued to be reviewed periodically. The review of the MB BS and DM programmes are ongoing. The assessments have been generally positive and efforts continue in providing better oversight and improvement in delivery of content. The Undergraduate clerkship manual has been updated and core topics and lectures of junior and senior clerkships improved.

The continuous assessments and standard setting for the Undergraduate programme and the final examinations have been going very well. The examinations have continued to be conducted efficiently even though the process has been made to be of shorter duration.

The CHASE/Carnegie Skills Laboratory, which was opened in 2011, has been functioning as a simulator for basic and advanced training in all disciplines in Surgery, Anaesthesia and Intensive Care and Emergency Medicine. The classroom, microsurgical training room and four teaching stations have provided much needed teaching space. The cutting-edge technology installed in the laboratory has made it possible for teleconferencing sessions with other medical faculties, locally and internationally.

In addition to the University Hospital, the Kingston Public Hospital and the Cornwall Regional Hospital, two additional undergraduate teaching sites came on stream. They are the Mandeville Regional Hospital, which has commenced the teaching of final year (Year V) Surgery and Orthopaedics (Year IV), Post-Part 1 DM Orthopaedics, Ophthalmology and General Surgery and the Spanish Town Hospital.

The Pre Hospital Emergency Medical Service (PHEMS) programme, for which the Department assumed responsibility in 2010, has been set on stronger footing, with the appointment of a Full Time Assistant Lecturer, Dr S. Dasgupta, charged with the responsibility of setting up a BSc paramedic training program. During the past year this programme recertified 24 Emergency Medicine Technicians for the Jamaica Fire Brigade.

The Department hosted a successful and well supported 10th Annual Caribbean Neurosciences Symposium and Charity Golf Tournament from January 26-29, 2012 at the new Montego Bay Convention Centre and the Half Moon Resort, Montego Bay, St. James. The meeting was opened by The Minister of Health, the Honourable Dr Fenton Ferguson. The Scientific Chairman was UWI Associate Lecturer in Neurosurgery Dr. Carl Bruce. The symposium was highlighted by presentations from the Editor of the Journal of Neurosurgery, Professor Nelson Oyesiku from Emory University, who spoke on publishing in the Journal and The President of the Canadian Neurological Association Professor M. Christopher Wallace, the CANS 2012 Honoured Guest. The symposium was preceded by a pre-meeting workshop on Advanced Spine Surgical Technique, the only one of its kind in the Caribbean. It was held for the first time in the Department's CHASE/Carnegie Skills Laboratory.

The Department under the guidance of Professor Newton Duncan hosted the 11th William Dennis Memorial Lecture in July 2012 in the Main Medical Lecture Theatre, Faculty of Medical Sciences. The well attended lecture entitled "Exploring DNA in Medicine, Biotechnology and Science" was delivered by Prof. Wayne McLaughlin, Head of the Department of Basic Medical Sciences.

The Department maintains three registries:

- (1) The Trauma Registry which contains over 15000 records and continues to provide ample research material for injury-related studies.
- (2) The Intracranial Tumour Registry which originally entered 519 patient records using the software Abstract Plus. This software was upgraded to CNEXT (an online software) in November 2011
- (3) The Colorectal Cancer Registry project. Data is being collected on all colorectal cancer cases diagnosed at major sites across the island.

The Department's Head , Professor Newton Duncan was among the recipients receiving the Principals award for Best Publication 2011-2012 for the Research project : Pentavalent rotavirus vaccine in developing

countries: safety and health care resource utilization; *Pediatrics* 2010 Dec;126(6):e 1499-506, Christie CD, Duncan ND, Thame KA et al. Also, Dr William Aiken was mentioned among awardees associated with one of the Faculty's prostate cancer research projects being undertaken by Dr Maria Jackson from the Dept. of Community Health and Psychiatry.

With a full-time academic staff complement of 30, the per capita publication rate is 1.47 based on 44 publications in peer-reviewed journals, with a record 73 abstracts (31 2010/11). The Department maintained its substantial output of local, regional and international conference presentations numbering 85 for the academic year, up from 70 the previous year.

PAPERS PRESENTED

- HPV Associated Male Ano Genital Diseases – **Dr. MS Newnham**. PAHO Surveillance for HPV in Jamaica. Mona Visitors Lodge, September 16, 2011
- Diagnosing and staging of prostate cancer – **Dr. W. Aiken**. Prostate Cancer Medical Symposium, The Jamaica Pegasus Hotel, September 18, 2011.
- Epidemiology of prostate cancer – **Dr. B. Morrison**. Prostate Cancer Medical Symposium, The Jamaica Pegasus Hotel, September 18, 2011.
- Cardiovascular function in adult survivors of severe childhood malnutrition – **Dr. I. Tennant**. Developmental Origins of Health and Disease Conference, Portland Oregon, September 21, 2011.
- Surgical Considerations in Diabetic Foot Care: Improving the Current Standard of Care in Jamaica - **Dr. S.O. Cawich**. Jamaica Chiropractic Association's 2nd Annual Foot Care Symposium, Montego Bay Conference Centre, Jamaica. September 2011.
- Management of Foot Infections in Diabetic Patients: Defining the Surgeons' Roles and Responsibilities - **Dr. S.O. Cawich**.

Diabetes Educators of the Caribbean 2nd Annual Clinical Symposium. Pegasus Hotel, Jamaica. September 2011.

- Anaesthesia in Phacoemulsification Surgery - **Mowatt L.** Jamaica's First Phacoemulsification Workshop, Carimed Lab, Kingston, September 2011
- Peri-operative use of Statins, ACE-Inhibitors and beta-blockers - **Dr P. Jason Toppin.** The Jamaica Anaesthetists Association Annual Symposium, UHWI Main Lecture Theatre, October 23, 2011
- Futility of Care? Or playing God? – **Dr R .Augier.** The Jamaica Anaesthetists Association Annual Symposium, UHWI Main Lecture Theatre, October 23, 2011
- Sudden Painless Loss of Vision - **Mowatt L.** Sir Arnot Cato Symposium. Trinity Medical School. St Vincent Oct 2011
- The Future of Anaesthesia: Robotic Surgery. – **Dr. S.O. Cawich.** Caribbean Association of Nurse Anaesthetists' Annual Clinical Symposium. Sunset Grande Hotel, Montego Bay, Jamaica. November 12, 2011.
- Why Do People of African Descent in the Caribbean run so fast? Explanations from Gender Analysis, History and Medicine. – **Dr. W. Aiken.** The Institute for Gender and Development Studies, the Council Room; University of the West Indies. December 8, 2011.
- Abdominal Distension in The Newborn Infant - **Dundas - Byles SE.** Spanish Town Hospital Seminar; December 9, 2011.
- Metastatic Neuro-endocrine Carcinoma: How feasible is the laparoscopic approach to liver resections? - Edwards L, **Cawich SO**, Abu Hilal M, Frola C, Pearce N. 8th Annual European NET Conference for Diagnosis and Treatment of Neuroendocrine Tumor Disease; 2011.

- Laparoscopic Approach to Metastatic NET Disease - Edwards L, **Cawich SO**, Abu-Hilal, MX, Carlo F, Pearce N. United Kingdom and Ireland Neuroendocrine Tumour Society 9th National Conference. London. UKINETS. 2011; 25: P015. (Available online at http://www.ukinets.org/events/2011/2011_book.pdf)
- Single Incision-Feasibility in a Caribbean Setting – **Dr. S.O. Cawich**. 2nd Annual Laparoscopic Conference; University of the West Indies. January 20, 2012.
- Monitoring the Kidney Transplant Patient for Malignancy – **Dr. P. Roberts**. Caribbean Institute of Nephrology and The Department of Medicine UWI Renal Week Symposium, Small Lecture Theatre, March 9, 2012.
- 50. EMS in Jamaica – Service and Training – **Dr. S. French**. Emergency Medical Services Association of Jamaica (EMS) ‘Saving Lives’, UWI Faculty of Law Large Lecture Theatre, March 17, 2012..
- Diabetic foot – **Dr. R. Venugopal**. Diabetic Foot Programme of the International Diabetes Federation, Mount St. John, Antigua, March 29,2012.
- Metastatic Neuroendocrine Tumours: A Review - Edwards L, Pearce N, Abu-Hilal M, **Cawich SO**. 9th Annual E -NET Conference for Diagnosis and Treatment of NET Disease. Copenhagen. 2012.
- The Painful Red Scrotum in Childhood – **Dr. SE Dundas - Byles**. Spanish Town Hospital Seminar; April 13, 2012.

The Jamaica Association of Radiologists Annual Symposium, Knutsford Court Hotel, September 18, 2011.

- Imaging in head and neck emergencies – **Dr. P. Johnson**.
- Medical Ethics – **Dr. M. Scarlett**.

- Approach to the management of abdominal incidental findings – **Dr. S. Shah.**
- Screening for breast cancer: panel discussion – **Drs. D. Cornwall & D. Mitchell.**

International Diabetes Day; Revamp Comprehensive Rehabilitation Centre. November 14, 2011

- Erectile Dysfunction – **Dr. B. Morrison.**
- Diabetes Mellitus – How it Affects The Eyes – **Dr. L. Mowatt**
- Georgetown Hospital Annual Clinical Conference. Princess Guyana Hotel, Georgetown,
- Guyana, November 20, 2011
- Pathophysiology of Chronic Leg Ulceration – **Dr. S.O. Cawich.**
- Laparoscopic Hepatectomy: Can we do it in Developing Countries with Scarce
- Resources? – **Dr. S.O. Cawich.**
- Surgical Access for Renal Failure: Balancing Cost and Clinical Benefit in the Context of Resource Scarcity in a Developing Nation – **Dr. S.O. Cawich.**

The 10th Annual Caribbean Neurosciences Symposium & Workshop. January 24-29, 2012.UHWI/UWI; Mona, Kingston & Rose Hall; Montego Bay.

- Dog bite injuries - **Dr. G. Arscott.**
- Pathological basis of brain tumour imaging – **Dr. P. Johnson.**
- Update on the brain tumour registry – **Ms. J. Campbell.**
- Medical ethics in the emergency department – **Dr. S. Dasgupta.**

- Cardiac surgery simulator presentation and live demonstration – **Dr. R. Irvine.**
- Simulation and medicine: the use of simulation in training and treatment delivery – **Professor A. McDonald.**
- Reflections: 50 years of health and wellness research - **Professor A. McDonald.**
- Trauma epidemiology and societal impact - **Professor A. McDonald.**
- Advanced prostate cancer, why spinal spread? – **Dr. W. Aiken.**
- Pathogenesis of anaemia in critical illness – **Dr. J. Toppin.**
- Tranfusion in Jamaica – **Dr. P. Leake.**
- Transfusion in neurosurgery at UHWI – **Dr. A. Crawford-Sykes.**
- Urological management of the neurogenic bladder post spinal cord injury – **Dr. B. Morrison.**
- Integration of technology into surgical practice; the possibilities in emerging economies – **Dr. P. Roberts.**
- The philosophy of minimal access surgery - **Dr. J. Plummer.**
- The evolution of implant surgery from arthrodesis to arthroplasty – **Dr. K. Vaughan.**
- Ophthalmology findings that suggest intracranial tumours – **Dr. L. Mowatt.**
- Making a successful vascular anastomosis – lessons from cardiac surgery – **Dr. J. Blidgen.**
- Orbital Tumours – **Dr. C. Bruce.**

The Jamaica Orthopaedic Association; The Sir John Golding Memorial Lecture held Jamaica Conference, Kingston. February 4 & 5th, 2012.

- Establishing an Orthopaedic Registry – **Dr. W. Palmer.**
- Arthroplasty in Sicklers and Rheumatoids – **Dr. K. Vaughan.**
- Jamaica Urological Society/Caribbean Urological Association Joint Annual meeting, Jamaica Conference Centre, February 26, 2012.
- The Influence of Sexual Behaviour, Sexually Transmitted Infections and Condom Use on Prostate Cancer Risk in Jamaican Men: A Case-control Study – **Aiken W.**
- Sprinting Prowess and Prostate Cancer: Are they Related? – **Aiken W.**

New Advances & Controversies in Critical Care Medicine; Section of Anaesthesia & Intensive Care. UWI Main Lecture Theatre & CHASE/Carnegie Skills Teaching Lab, FMS, UWI, Mona, Jamaica. March 17-18, 2012.

- Diagnosis and Management of Life Threatening Arrhythmias – **McGaw C.**
- Management of Post-cardiac Arrest – **Toppin P.J.**
- Sedation Strategies in the ICU – **Soogrim D.**
- Brain Trauma Foundation Guidelines re Management of Traumatic Brain Injury – **Bruce C.**
- Basics of Medical Ventilation – **Harding- Goldson H.**
- Interpreting Ventilator Graphics – Flow Volume Loops – **Ehikametalor K.**
- Rescue Modes and Lung Protective Strategies – **Toppin P.J.**

- Rescue Lung Strategies for ALI/ARDS-IRV, APRV, HFV, Prone Ventilation – **Toppin P.J./ Barrow P.**
- Ventilation in Obstructive Disease States: Asthma, COPD – **Crawford-Sykes A / Aquart-Stewart A.**
- Non-invasive Ventilation, Benefit in CCF, COPD – **Soogrim D** et al.
- Tracheostomy, Percutaneous Tracheostomy (practical), Indications, Timing: early vs. late. **Ehikametalor K, Augier R** et al.

57th Annual Council and Scientific Scientific Meetings (CHRC), April 19-21, 2012, Grand Cayman Islands Marriot Beach Resort.

- Safety of Testosterone Replacement of Hypogonadism associated with Sickle Cell Disease: A Pilot Report – **Dr. B. Morrison et al.**
- The Influence of Sexual Behaviour , Sexually Transmitted Infections and Condom use on Prostate Cancer risk in Jamaican men: A Case –control Study – **Drs. W. Aiken, R. Mayhew, B Morrison** et al.
- A Retrospective Case-control Analysis of Predispositions to Severe Obstetric Perineal Lacerations – **Dr. SO Cawich** et al.

The Association of Surgeons in Jamaica, 54th Annual Clinical Conference. The Jamaica Pegasus , May 19 & 20, 2012.

- Laparoscopic Inguinal Hernia Repair: An Audit of 88 consecutive procedures. – **Cawich SO, Mohanty SK, Harding H, Bonadie K, Simpson LK, Johnson PJ, Shah S, Roberts P, Williams EW, Soethwe Y.**
- Diagnosing Diabetic Mastopathy – Kirby X, **Mitchell D,** Williams N.
- Gastroesophageal Reflux and Esophageal Strictures in Children with Cornelia de Lange Syndrome – Vincent M, **Duncan N.**

- Biomechanical Comparison of the Facet Fuse Transfacet Pedicle Screws versus Pedicle Screws with a Transforaminal or Lateral Interbody across the Lumbosacral Segment (L5-S1) – Chin KR, Reis MT, Reyes PM, Anagnost SC, Kushwaha VP, Gabriel JP, Meyer SC, **Bruce CA**, Yu WD, Crawford NR.
- Single Dose Peripheral Nerve Blocks Compared with Parenteral Opioids for Post Operative Pain Management in Patients Undergoing Lower Limb Orthopaedic Procedures at University Hospital – Johnson H, **Ehikametalor K**, **Minott J**, **Harding H**.
- A Case of Laparoscopic Liver Resection in Jamaica – **Roberts P**, **Mitchell DIG**, **Toppin PJ**, **Johnson P**, **Cawich SO**, **Shah S**, **Leake PA**.
- Biomechanical Testing of the Invue Cervical Plate versus Predicate Device for Market Approval – **Bruce C**, Yu W, Chin K, Kushawaha V, Gabriel J.
- Single Incision Laparoscopic Cholecystectomy in the Caribbean: Multi Centre Audit – **Cawich SO**, **Williams EW** et al.
- Health Care Workers’ Attitudes Toward Advancement of Minimally Invasive Surgery Practice in Jamaica: A National Survey – Cherian CJ, **Cawich SO**, Soethwe Y, **Williams EW** , et al.
- Robotic Inguinal Hernia Repair – Simpson LK, **Cawich SO**, Morris CH, Bonadie KO, et al.
- Interventional Management of Failing or Failed Haemodialysis Access – **Johnson PJ**, **Shah S**, **Cawich SO**.
- Keloids: Epidemiology and Management Outcomes at the University Hospital of the West Indies – **Venugopal R**, Soethwe Y, DeSouza C.

- New Frontiers in Diabetes Management – The Role of the Surgeon – Simpson LK, **Cawich SO**, Morris CH, Bonadie KO, **Issacs M**.
- Single Institution Experience with Central Pancreatectomy and Roux – en -Y Pancreatico-Jejunostomy – **Roberts PO**, Szasz P, Hart R.
- Short Term Results of Left Lateral Segmentectomy for Malignant Disease with a Totally Laparoscopic Approach – **Cawich SO**, Pearce NW, Abu-Hilal MX, Di Fabio F.
- Colorectal Anastomotic Leakage at the University Hospital of the West Indies – A Retrospective Analysis and Assessment of Risk Factors – **Leake P**, **Plummer J**, Rhoden A, Frankson MAC, Gordon-Strachan G, **Powell L-P**, **Roberts PO**.
- 11-year Experience of Managing Penetrating Ano-rectal Injuries in Jamaican Children – Vincent M, Abel C, **Duncan N**.
- American Urological Association meeting, Atlanta Georgia, May 19-23, 2012.
- Pathological Outcome and Biochemical Recurrence Free Survival following Radical Prostatectomy in African American, Afro Caribbean (Jamaican) and Caucasian Men: An International Comparison – Ritch C, **Aiken W**, **Mayhew R**, **Morrison B**.

PUBLICATIONS

WIMJ = *West Indian Medical Journal*

Full papers (peer-reviewed):

- * **Williams-Johnson, JA**, **McDonald AH**, Gordon-Strachan, G, **Willaims, EW**: Effects of Transexamic Acid on Death, Vascular Occlusive Events, and Blood Transfusion in Trauma Patients with Significant Haemorrhage (CRASH-2): a

- randomized, placebo-controlled trial. *WIMJ*, December 2010; 59 (6):612-624
- * Chang, LPT, **Harding HE, Tennant I, Soogrim D, Ehikhametalor, James B**, Frankson A, Gordon-Strachan GM: Interdisciplinary Communication in the Intensive Care Unit at the University Hospital of the West Indies. *WIMJ*, December 2010; 59 (6):656-661
 - * **Morrison BF**, Coard K, Strachan G, Miller R, **Aiken W, Mayhew R**: Radical Prostatectomy Outcomes at the University Hospital of the West Indies: 2000-2007. *WIMJ*, January 2011; 60 (1):68-72
 - * **Morrison B, Aiken WD**, Reid M: Female Urinary Retention at the University Hospital of the West Indies: challenging diagnosis (Letter to the Editor). *WIMJ*, January 2011; 60 (1): 102
 - * Lewis T, DaCosta V, Harriott J, Wynter S, Christie L, **Cawich S**: Factors Related to Obstetric Third and Fourth Degree Perinatal Lacerations in a Jamaican Cohort. *WIMJ*, March 2011; 60 (2):195-198
 - * **Brown E**, Maharaj S, James K: The Need for Gender Specific Tobacco Control Strategies: KAP survey findings on environmental tobacco smoke exposure among women in the reproductive age group. *WIMJ*, March 2011; 60 (2):208-213
 - * McNaughton D, **Aiken W**, McGrowder D: Factors affecting prostate cancer screening behaviour in a discrete population of doctors at the University Hospital of the West Indies, Jamaica. *Asian Pac J. Cancer Prev.* 2011; 12(5): 1201-5
 - * **McDavid HA, Cowell N, McDonald A**: Is criminal violence a non-communicable disease? Exploring the epidemiology of violence in Jamaica. *WIMJ*. July 2011 60 (4): 478-482.
 - * **WD Aiken**: Historical determinants of contemporary attributes of African descendants in the Americas: The androgen receptor holds the key. *Medical Hypotheses*. October 2011.

- * Lee MG, **McGaw CD**, Chin L, Frankson MAC, Walters CA.: Propofol sedation in patients undergoing colonoscopy in Jamaica. *WIMJ*. June 2011 60 (3): 284-288.
- * Tulloch-Reid MK, **Aiken WD**, **Morrison BF**, Tulloch T, **Mayhew R**, Wan RL, Bennett FI, Coard KC, Jackson MD: Body Mass Index and Prostate Specific Antigen Levels in Jamaican men. *WIMJ*. June 2011 60 (3): 316-321.
- * Harry MF, **Plummer JM**, Stubbs M, Aitken R: Non-operative management of non-destructive extra- peritoneal rectal injury (case report). *WIMJ*. June 2011 60 (3): 344-345.
- * Harry M, **McFarlane M**, **Plummer J.**: Adenocarcinoma of the colon – an uncommon cause of intussusception. *WIMJ*. June 2011 60 (3): 372-374.
- * **McDavid HA**, Cowell N, **McDonald A**: Is criminal violence a non-communicable disease? Exploring the epidemiology of violence in Jamaica. *WIMJ*. July 2011 60 (4): 478-482.
- * **Aiken WD**: Historical determinants of contemporary attributes of African descendants in the Americas: The androgen receptor holds the key. *Medical Hypotheses*. October 2011.
- * Morrison BF, Aiken WD, Reid ME: Impact of the National Health Fund policy on hormone treatment for prostate cancer in Jamaica. *Rev Panam Salud Publica*. 2011 June;29 (6):404-8.
- * **Morrison BF**, Burnett AL: Priapism in Hematological and coagulative disorders: an update. *Nature Reviews Urology*. 2011 Apr; 8 (4): 223-30. Epub 2011.
- * Christie CD, **Duncan N**, Thame K, Onorato M, Smith HD, Malcolm LG, Itzler RF, DiNubile MJ, Heaton PM: Pentavalent Rotavirus Vaccine in Developing Countries: Safety and Health Care Resource Utilization. *Paediatrics* 2010;126; e1499.
- * Edwards L, **Cawich SO**, Abu Hilal M, Frola C, Pearce N: Metastatic Neuro-endocrine Carcinoma: How feasible is the

- laparoscopic approach to liver resections? *Neuroendocrinol.* 2011; 94 (1): 15.
- * **Aiken WD:** Editorial; Screening for Prostate Cancer: throwing out the baby with the bathwater. *WIMJ.* 2011; 60 (5): 503-504.
 - * **Morrison BF,** Hanchard B, Graham RP, Reid ME: Penile Cancer in Jamaicans Managed at the University Hospital of the West Indies. *WIMJ.* 2011; 60 (5): 525-530.
 - * **Mowatt L,** Nelson-Imoru J, Gordon-Strachan G: Glaucoma Medication Compliance Issues in a Jamaican Hospital Eye Clinic. *WIMJ.* 2011; 60 (5): 541-547.
 - * **West WM,** Ali A, West KP, Stulz R: Acute Computed Tomography Findings in Patients with Acute Confusion of Non-traumatic Aetiology. *WIMJ.* 2011; 60 (5): 571-575.
 - * **Aiken WD:** Letter to Editor; Prostate Cancer Incidence in Jamaica before and after the Introduction of Prostate Specific Antigen. *WIMJ.* 2011; 60 (5): 597-598.
 - * **Crandon IW, Harding HE, Cawich SO,** Webster D: Complicated Head Trauma from Machete Wounds: The experience from a tertiary referral hospital in Jamaica. *Int j Inj Contr Saf Promot.* 2011; 28 94): 1-5.
 - * Edwards L, **Cawich SO,** Abu Hilal M, Frola C, Pearce N. Metastatic Neuro-endocrine Carcinoma: How feasible is the laparoscopic approach to liver resections? *Neuroendocrinol.* 2011; 94(1):15.
 - * **Leake P-A,** Hamilton-Johnson TN, Harry M, Gordon-Strachan G, **Plummer JM, Newnham MS.:** Open abdominal aortic aneurysm repair in the era of Endovascular Repair. *WIMJ.* 2011; 60 (6): 636-640.
 - * **Vaughan KD,** Aquart AM.: Systemic Lupus Erythematosus and Neisseria gonorrhoea – a case of the arthritis-dermatitis syndrome. *WIMJ.* 2011; 60 (6): 688-689.

- * Johnson N, **Johnson P**, Blaser S: Fetal Central Nervous System Magnetic Resonance Imaging at the University Hospital of the West Indies, Jamaica. *WIMJ*. 2012; 61 (1): 49-57.
- * Myint KS, **French S, Williams-Johnson J, Williams E, Johnson P**, Reid MO, Gordon-Strachan G: Role of Routine Chest Radiographs in the Evaluation of Patients with Stable Blunt Chest Trauma – A Prospective Analysis. *WIMJ*. 2012; 61 (1): 64-72.
- * **Scarlett MD, Crawford-Sykes A, Harding HE**: The Development of Anaesthetic Services in Jamaica. *WIMJ*. 2012; 61 (1): 73-75.
- * **Aiken WD**, Eldemire-Shearer D: Prostate Cancer in Jamaica and the Wider Caribbean: It is Time to Consider Screening. *WIMJ*. 2012; 61 (1): 90-93.
- * Letter to the Editor – Prostate Cancer Screening still a Contentious Issue. *WIMJ*. 2012; 61 (1): 113-114.
- * Graham RPD, **Plummer JM, West KA**, Williams NP.: Adequacy of lymph node harvesting in colorectal cancer management: improving standards, ensuring quality. *WIMJ* 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 / volume27 / issue03 / June 2012*, pp 299-302

- * Ogunsalu C, **West W**, Lewis A, Williams N.: Ameloblastoma in Jamaica – Predominantly Unicystic : Analysis of 47 Patients over a 16-Year Period and a Case Report on Re-entry Cryosurgery as a New Modality of Treatment for the Prevention of Recurrence. *WIMJ*, 2011;60 (2) : 240
- * Clarke T, **Johnson P**, Webster D, Gilbert D, Barton E. Transient Cortical Blindness post Angiography. A case report. *WIMJ*, 2011; 60 (3):357
- * Johnson N, **Johnson P**, Blaser S. Fetal Central Nervous System (CNS) Magnetic Resonance Imaging (MRI) Imaging at the University Hospital of the West Indies (UHWI), Jamaica – The Initial Experience. *WIMJ*. 2012; 61(1): 49-57.
- * **Johnson P**, Jaggon J, **Bruce C**, Campbell J, **Crandon I**, Char G, Eldemire-Shearer D: Intracranial Tumour Registry of The University of the West Indies: Initial data: Meningioma. *The Internet Journal of Third World Medicine*:
- * **R. Bullock, R. Mayhew**, T. Gibson, M. James, M. Didier, J. Nebnani: Leiomyoma: An unusual bladder neoplasm. *BMJ Case Reports 2011*; doi:10.1136/bcr.01.2011.3739

Book Chapter

- * **Mowatt L** (2011). Secondary Glaucoma After Vitreoretinal Procedures, Glaucoma Current Clinical and Research Aspects, Pinakin Gunvant (Ed.), ISBN: 978-953-307-2630. Available online InTech, from: <http://www.intechopen.com/articles/show/title/secondary-glaucoma-after-vitreoretinal-procedures>

Abstracts

- * **Morrison B, Soares-Wynter S**, Madden W, Reid M: Hypogonadism, bone mineral composition and lipid abnormalities in adult male patients with sickle cell disease. *WIMJ*, 2011; 60 (Suppl 2):20

- * **Morrison B**, Burrowes IE, **Aiken W**, **Mayhew R**, Fletcher H, Reid M: Bone mineral density in Jamaican men on androgen deprivation therapy for prostate cancer. *WTMJ*, 2011; 60 (Suppl 2):23
- * **Cawich SO**, **Barnett AT**, **Crandon IW**: Postgraduate surgical training: improving the quality of the process of informed consent for surgery in training hospitals. *WTMJ*, 2011; 60 (Suppl 2):31-32
- * Abu Hilal M, Di Fabio F, **Cawich SO** et al: Single-center experience of pure laparoscopic liver resection for malignant disease: short and mid-term results support the oncological efficacy of minimally invasive liver surgery. *HPB*. 2011; 13(S2):142-143.
- * **Morrison B**, **Aiken W**, Reid M: Trends in androgen deprivation therapy for prostate cancer since the introduction of the National Health Fund. *WTMJ*, 2011; 60 (Suppl 2):39-40
- * **Cawich S**, Arthurs M, Murphy T, **Martin AC**, **Mitchell DIG**, Gordon-Strachan G: Screening for common duct stones with pre-operative endoscopic cholangiography in a sickle cell cohort. *WTMJ* 2011; 60 (Suppl 2):46
- * **Isaacs M**, **Harding HE**, Arthurs M, Murphy T, **Cawich SO**, **Martin AC**, Roberts HA, Gordon-Strachan G: An audit of ERCP morbidity in patients with homozygous sickle cell haemoglobinopathy at the University Hospital of the West Indies. *WTMJ* 2011; 60 (Suppl 2):51-52
- * **Crandon IW**, **Harding HE**, **Cawich SO**, Webster D: Complicated head trauma from machete wounds: the experience from a tertiary referral hospital in Jamaica. *International Journal of Injury Control and Safety Promotion*.
- * **Plummer JM**, **Mitchell DIG**, Arthurs M, **Deans-Minott, J**, **Leake P**, **Martin A**: Laparoscopic Colectomy For Colonic Neoplasms In A Developing Country. *International Journal of Surgery* 9 (2011) 382-385

- * **Morrison BF**, Burrowes IE, **Aiken WD**, **Mayhew RG**, Fletcher HM, Reid ME: Bone mineral density in Jamaican men on androgen deprivation therapy. *Infectious Agents and Cancer*. 2011, 6 (Suppl 2): S7
- * Purakal J, **Williams-Johnson J**, **Williams E**, Ibtissam A, Senga P, Kambona J, Welch R, Flack J, Levy P: Barriers to self-efficacy amongst racially similar but ethnically divergent emergency department patients with hypertension. *Academic Emergency Medicine (Suppl.)* 2011: 18 (1) S38-9.
- * Purakal J, **Williams-Johnson J**, **Williams E**, Ibtissam A, Senga P, Kambona J, Welch R, Flack J, Levy P: Differences and similarities in explanatory models of hypertension in the United States, Tanzania and Jamaica. *Academic Emergency Medicine (Suppl.)*. 2011: 18 (1)S38-9.
- * **Tennant I**, **Barnett A**, Kips J, Thompson D, Boyne M, Chung E, Chung A, Osmond C, Hanson M, Gluckman P, Segers P, Cruickshank J, Forrester T: Cardiovascular function in adult survivors of severe childhood malnutrition. *J Developmental Origins of Health and Disease* 2011; 2 (Suppl. 1): S31.
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- single incision laparoscopic cholecystectomies for acute cholecystitis. *WIMJ*. 2012; 61 (Suppl. 4):24
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 - * **Cawich SO**, Cherian CJ, **Roberts PO**, **Shah S**, **Johnson PJ**, Murphy T, Arthurs M, Bonadie KO, Simpson LK.: Whipple's

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 - * **Mowatt L.**: Updates in the management of cystoid macular edema. *WIMJ*. 2012; 61 (Suppl. 5):27
 - * **Calder D.**; My experience with Bevacizumab. *WIMJ*. 2012; 61 (Suppl. 5):28
 - * **Calder D.**: Wing mirrow injuries. *WIMJ*. 2012; 61 (Suppl. 5):34
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INCOME GENERATION

William Dennis Memorial Lecture	–	\$ 170,000.00
Anaesthesia & Intensive Care (AIC) Conference/Workshop/Resident’s Symposium	–	\$ 250,000.00
AIC’s ‘Jamaica By Bike’ & NCB Foundation	–	\$ 350,000.00
UWI Caribbean Neuroscience Symposium	–	\$ 1,142,310.13
Consultancy income	–	\$ 2,591,499.00
Skills Laboratory	–	\$ 294,446.50
Total	–	<u>\$4,798,255.63</u>

PUBLIC SERVICE

Prof. Newton Duncan

- Chairman, Accident & Emergency Advisory Committee, UHWI
- Chairman, Intensive Care Unit/Operating Theatre Committee, UHWI

- Council Member, Association of Surgeons in Jamaica

Prof. Ivor Crandon

- Member, Disciplinary Panel of the Jamaican Anti-Doping Commission,
- Member, Ministry of Local government, Community Development & Sports
- Trustee, Mona Investment Trust Club

Dr. Michael McFarlane

- Honorary Consultant, Jamaica Cancer Society
- Board Member, Jamaica Cancer Society
- Examiner in Surgery, Caribbean Medical Council
- Governor and President, American College of Surgeons (Jamaica Chapter)

Dr. William Aiken

- Member, National Health Fund Medical Advisory Panel
- Convenor/Secretary, Mona Investment Trust Club
- Consultant, Prostate Cancer Screening Clinic, Jamaica Cancer Society

Dr. Leo-Paul Powell

- Secretary, Association of Surgeons in Jamaica

Dr. Nickola Nelson

- Treasurer, Association of Surgeons in Jamaica

Dr. Christopher Rose

- Member, Medical Team, Reggae Marathon, Negril, Jamaica
- Annual Volunteer Service, General Hospital, St Georges, Grenada.

Dr. Wayne Palmer

- Vice President, Jamaica Orthopaedic Association

Dr. Derek Mitchell

- Board Member, Jamaica Cancer Society (JCS)
- Chair, Clinic Committee of the JCS
- Consultant, Breast Cancer Screening Clinic, JCS
- Deputy President, American College of Surgeons (Jamaica Chapter)
- Course Coordinator & Treasurer, Advanced Trauma Life Support, Jamaica

Dr. Lizette Mowatt

- President, Ophthalmological Society of the West Indies (OSWI)
- Vice President, Ophthalmological Society of Jamaica (OSJ)
- Examination Coordinator, International Council of Ophthalmology (ICO) Examinations in Jamaica

Dr. Rajeev Venugopal

- International Member, American Society of Plastic Surgeons
- Volunteer Physician, Jamaica Football Federation
- Art Director, Mehefil (Indian Cultural Show)

Dr. Hyacinth Harding-Goldson

- Executive Member, Representative for South East Region, Jamaica Anaesthetist Association.
- Member, World Federation of Societies of Anesthesiologists (WFSA)
- Examiner, Jamaica School of Nurse Anaesthetists

Dr. Marinna Scarlett

- Co-Chairman, Policies & Procedures Audit Committee, UHWI

Dr. Alan Barnett

- Chairman, Ethics and Constitutional Reform Committee, Medical Association of Jamaica

Dr. Sundeep Shah

- President, Jamaica Association of Radiologists

Dr. Brian Ying

- Vice President, Jamaica Association of Radiologists

Dr. Jean Williams-Johnson

- Medical Director, Accident & Emergency Unit, UHWI
- Member and Secretary, Management Committee, Caribbean Poison Information Centre
- Member and Secretary, Executive Committee, Jamaica Association of Sports Medicine
- Volunteer service as Team Physician to several local sports meetings
- Board Member, John Rufus Williams Education Trust

Dr. Pramanand Singh

- Deputy Director, Accident & Emergency Unit, UHWI
- President, Jamaica Association of Sports Medicine
- Secretary, Senior Common Room Club
- Volunteer Team Physician to the Olympics, Pan American, Commonwealth etc.
- Physician to the Jamaica Netball Team

Dr. Rhonda Hutson

- Trainer, Sexual Assault Management, health, legal and law enforcement professionals island wide, through the Medical Services Branch, Jamaica Constabulary Force.
- Volunteer service as Team Physician to several local and international sports meetings

Dr. Simone French

- Board Member, Jamaica National Resuscitation Council

Dr. Eric Williams

- Volunteer doctor, Jamaica National Children's Home

STUDENTS

Undergraduate programme

Fourteen of 17 MBBS final examination candidates passed the sitting in November/December 2011, while 121 of 122 candidates passed the May/June 2012 final examination, five of whom achieved Honours.

Graduate programme

During the period under review there were 190 residents in the DM programme as follows:

- General Surgery 29; Paediatric Surgery 12; Orthopaedics 19; Urology 12; Otorhinolaryngology 12; Neurosurgery 14; Cardiothoracic Surgery 9; Ophthalmology 18; Emergency Medicine 12; Radiology 17; and Anaesthesia & Intensive Care 36.

The following students were awarded Doctor of Medicine degrees:

Dr. Alfred Dawes	–	DM General Surgery
Dr. Tanya Hamilton	–	DM General Surgery
Dr. Kevan Smith	–	DM General Surgery
Dr. Lincoln Cox	–	DM General Surgery
Dr. Peter Charles	–	DM Neurosurgery
Dr. Paul Adams	–	DM Orthopaedic Surgery
Dr. Jeetu Nebhnani	–	DM Urology
Dr. Brian Masters	–	DM Radiology
Dr. Hilary Johnson	–	DM Anaesthesia & Intensive Care
Dr. Rachel Gooden	–	DM Anaesthesia & Intensive Care

PRIZES AWARDED

Katherine Innis (Mona): Surgery Medal

(Awarded to the student with the best performance in the Surgery paper in the May/June Final MBBS Examinations on all Campuses).

THE UWI SCHOOL OF NURSING (UWISON), MONA

Joanna Bennett, PhD, BA (Hons) RN, RM – Head of School

WORK OF THE SCHOOL

The work of the School is reported within the five areas specified in the Strategic Plan (2010-2013):

Student – Centredness

A part-time option has been incorporated into the BSc Nursing programme to increase accessibility. Student centred teaching strategies have been increased, more study and social spaces have been introduced and greater emphasis has been given to development of professionalism in nursing practice. There was significant improvement in students' department, attitude and satisfaction.



A major challenge is maintaining student centredness within a traditional model of nursing education and practice. Emphasis needs to be placed on transforming the image and culture of nursing.

Staff development and promotion

Focus has been given to devising professional development plans (PDP) and allocating mentors for all staff. All staff is allocated time for research and scholarly activities and 3 staff members have registered for a PhD programme. A major challenge is recruiting senior academic staff.

Teaching & Learning

The MPhil/PhD in Nursing (the first in the Caribbean Region) and the 4-year BSc Nursing programmes commenced in this academic year.

Streaming of lectures to the Western Jamaica site (WJC) was introduced successfully.

UWISON students attained the best ever pass rate of 92% for the Caribbean Regional Examination for Nurse Registration (RENr) in October 2011. The Greatest challenge is developing collaboration with relevant stakeholders to transform nursing education and practice to meet 21st century demands.

The School continues to expand the number of graduate programmes. The development of a Nurse Practitioner programme in *Palliative and End of Life Care* commenced, in collaboration with the Hope Institute and the Ministry of Health.

Research and Innovation

There has been some improvement in research activity and output. The staff has presented research papers at the Nursing and Medical Sciences' conferences. Additionally, a number of research abstracts were accepted for poster presentation.

The School successfully hosted a Symposium entitled, "Developing Communities to Build Research Capacity in Nursing in the Caribbean". Both the Ministers of Health and Education were in attendance and the Distinguished Professor Adey Nyamathi from UCLA, was the keynote speaker. Other speakers included Miss Marilyn Entwistle, Health Systems and Service Advisor and Dr. Donald Simeon, Director, Caribbean Health Research Council. Delegates were drawn from a range of countries across the Region.

External collaborations have been established with UCLA, Universities of Ottawa and Alberta. There were several visits from academic colleges abroad including Kings College, London, Nipissing University.

Infrastructural development and Facilities

An IT Technician and two Research Assistants have been appointed to support developments in the School. Study and social space has been

created for students. A future challenge will be the expansion of clinical skills centre facilities to accommodate increasing student numbers.

PAPERS PRESENTED

- Cole, D., **Kahwa, E.**, Ndetei, D., Mutiso, V. “Launching and enriching careers in global health research: how mentorship can help”. Global Health Research Initiative, November 19-23, 2011, Montreal Canada.

13th World Congress on Public Health. April 23-27, 2012, Addis Ababa, Ethiopia.

- Kaseje, D.O., Edwards, N., **Kahwa, E.** “Scaling up a model for nurses’ engagement in health policy in lower and middle income countries”.
- **Kahwa, E.K.**, Webber, J., Roelofs, S.M. “Scale-up to address HIV / AIDS and other health priorities”.
- Kaseje, D.O., Edwards, N., **Kahwa, E.** “Creating health System Change through research”..

Faculty of Medical Sciences Annual Research Conference, November 2011.

- **Kahwa, E.**, Younger, N., Waldron, N., Knight-Madden, J., Bailey, K., Wint, Y. “Asthma and allergies among the elderly in Jamaica: the relationship with smoking.
- **Kahwa, E.**, Younger, N., Waldron, N., Knight-Madden, J., Bailey, K., Wint, Y. “The status of Asthma in Jamaica”..
- Bailey, K.A., Younger, N.O., Knight-Madden, J., **Kahwa, E.K.**, Waldron, N., **Wint Y.** “Knowledge of asthma triggers, triggers of asthma exacerbations and health care utilization in Jamaican children with doctor diagnosed asthma”.

- Heslop-Barnett, G.S., Waldron, N.K., **Kahwa, E.K., Anderson-Johnson, P., Lindo, J.L.M.** “Asthma knowledge, attitudes and asthma control in Jamaican adults”.
- Buckle-Bailey, L., Waldron, N., **Anderson-Johnson, Lindo, J.L.M.** “Quality of life in adults with asthma”.
- Welsh, F., Duff, E.M., **Campbell, K., Lindo, J.L.M.** “Compliance and blood pressure control among men with hypertension attending to Type 5 Health Centre”.
- Llewellyn-Johnson, **S., Lopez, S., Lindo, J.L.M.,** Duff, E.M., Waldron, N., Fletcher, H. “Stress and burnout experienced by BScN final year nursing students in Jamaica.
- Hepburn, S.A., Waldron, N.K., **Hepburn-Brown, C., Pitter, C., Lindo, J.L.M.** “The psychosocial effects of pregnancy on teenage mothers in Jamaica”.
- Elijo, A., **Dawkins, P., Lindo, J.L.M.** “Occupational stress among registered nurses working on the medical and surgical wards”.
- Adeyemi-Adelanwa, A., **Barton-Gooden, A., Lindo, J.L.M.** “Attitudes of patients towards male nurses in a Jamaican hospital”.
- Davey-Clarke, T., **Stewart, H., Lindo, J.** “Stigma and discrimination: Effects on patients with schizophrenia”.

PUBLICATIONS

- * **Bennett, J.** (2012) Training mental health professionals in cultural capability: sustainability of knowledge and skills. *International Journal of Culture and Mental Health*, Volume 0, Issue 0, pages 1-9.
- * **Kahwa, E.,** Waldron, N., Younger, N., Edwards, N., Wint, Y., Knight -Madden, J., Bailey, K. (2012): “Asthma and Allergies

in Jamaican Children age 2-17 years: a cross-sectional prevalence survey”. *BMJ Open* 2.

- * Hutchinson, K.M., **Kahwa, E.**, Waldron, N., **Hepburn Brown, C.**, Hamilton, P.I., Hewitt, H.H., **Aiken, J.**, Cederbaum, J., Alter, E., Sweet Jemmott, L. “Jamaican mothers’ influences of adolescent girls’ beliefs and sexual behaviors”. *Journal of Nursing Scholarship*, 44, 1 (2012): 27-35.
- * Waldron, N.K, Hutchinson, K.M, Hewitt, H.H, **Kahwa, E.**, Hamilton, P.I. (2012): “Cross cultural psychometric assessment of the parent-teen sexual risk communication (PTSRC-III) scale in Jamaica”. *Open Journal of Preventive Medicine* 2, 2 202-213.
- * Wood, E. B., Hutchinson, K.M., **Kahwa, E.**, Hewitt, H., Waldron, N. (2011): “Big men Carry big Money: Relationships between adolescent girls and older partners in Jamaica”. *Journal of Nursing Scholarship* 43, 4 329-433.
- * Williams, SKP., & **Weaver, SR.** (2011) Life after lower extremity amputation in diabetics. *WIMJ*, 60(5): 536 –540.

TECHNICAL REPORTS

- * Davidson, C., **Kahwa, E.** “Enhancing the Function and Impact of Nurse Leadership Hubs: A Knowledge Transfer and Exchange Strategy for HIV Policy Development in Sub-Saharan Africa and the Caribbean. December 2011 (IDRC Grant #: 103460-090) 29 pages.
- * Edwards, N., Klopper, H., Coetzee, S.K., Van Der Walt, S.J.C., Muller, C.E., Minnie, K., **Kahwa, E.**, Richter, S., Duncan, S., Owino, J., Owino, J., Okello, P.A. “A Strategy for Scaling-up and Sustaining a Research Internship and Mentoring Roles. January 31, 2012, IDRC grant (29 pages).

RESEARCH GRANTS

New Grant

“Psychosocial Factors Associated With Jamaican Adolescent Pregnancy and Suicidal Behaviour”. Principal Investigators Wilson-Mitchell, K, Ryerson University & **Bennett, J.** UWISON, (Latin America & Caribbean Research Exchange Grant (LACREG) **Ca\$15000**)

Ongoing grants

“Longitudinal study of lung functions of in adults with Sickle Cell Disease” Investigators: Dr. Knight-Madden, **Dr. Steve Weaver** and **Antoinette Barton-Gooden** (Funded by Principal’s New Initiative, **J\$1.6 million**).

“Substance Abuse study in Pregnancy” Principal Investigator **Dr. Joanna Bennett** (Funded by new initiative **J\$1.5 million**)

“Strengthening nurses’ capacity for HIV policy development in Sub-Saharan African and the Caribbean” University of Ottawa/Great Lakes University of Kisumu/UWISON (final year of a 5 year study). Co-Principal Investigators: Dr Nancy Edwards, **Dr. Eulalia Kahwa** & Dr. Dan Kaseje, (Funded by International Development Research Centre (IDRC), Total value of Grant - **CA\$1,600,000.00**)

“Documenting capacity-building experiences in Teasdale Corti Team Grants Projects” University of Ottawa/Great Lakes University of Kisumu/UWISON. Co-Principal Investigators: Dr Nancy Edwards, **Dr. Eulalia Kahwa** & Dr. Dan Kaseje, (Funded by International Development Research Centre (IDRC), Total value of Grant - **CA\$249,962.78**)

PUBLIC SERVICE

Bennett, J.

- Member, Education Committee, Nursing Council of Jamaica
- Member, Ministry of Health, Jamaica, Registered Nurse Education committee
- Member, CXC Examinations Committee

Dover Roberts, D.

- Chairman for Advisory Committee at a home for the aged, Richmond Park District
- Member, Examination Committee Nursing Council of Jamaica

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, Kiwanis Club of New Kingston.

STUDENTS: Undergraduate

Category of Students	New	Returning		Total
	1 st Year	2 nd Year	3 rd Year	
BScN - Mona Campus	156	86	132	374
BScN - Western Jamaica Campus	35	34	11	80
BScN franchised at EXED	69	60	63	192
BScN franchised at Brown's Town Community College	42	42	35	119
BScN franchised at Knox Community College	29	26	19	74
Total Face to Face	331	248	260	839

Cohorts BScN (post RN)			
BScN (post RN)	71	152	223
Total Online/Blended			223
Total Number of students			1062

Postgraduate

Category of Student	Full-time	Part-time	Total
MScN (Nursing Administration; Nursing Education)	35	9	44
MScN (Family Nurse Practitioner; Mental Health/Psychiatric Nurse Practitioner; Clinical Nurse Specialist-Gerontology Option)	26	–	26
Total Postgraduate Students	61	9	70

Graduation data for 2012

Programme	No. of students	1st Class Honours
BScN	129	–
BScN (post RN)	49	13
MScN	24	3 Distinctions

Regional Examination for Nurse Registration (RENr)

Of the 147 students who sat the RENr in October 2011, 134 (92%) passed. One hundred and twenty five (125) were first attempt.

Student Achievements

Faculty of Medical Sciences Dean's List & Honour Society:

Tamekia Lindsay and Christal Codner.

SCHOLARSHIPS AND BURSARIES

The following students were recipients of bursaries in 2011-12:

UHWI Canadian Nurses' Association – Bursary	– Shantal Swaby Shariel Palmer
Syringa Marshall-Burnett Bursary	– Kameel Abdulla Kareem
Mildred Marshall Bursary	– Ralpheina Thomas
IGL Scholarships	– Trace-Ann Gooden

FACULTY OF PURE AND APPLIED SCIENCES

MONA

Year ending July 31, 2012



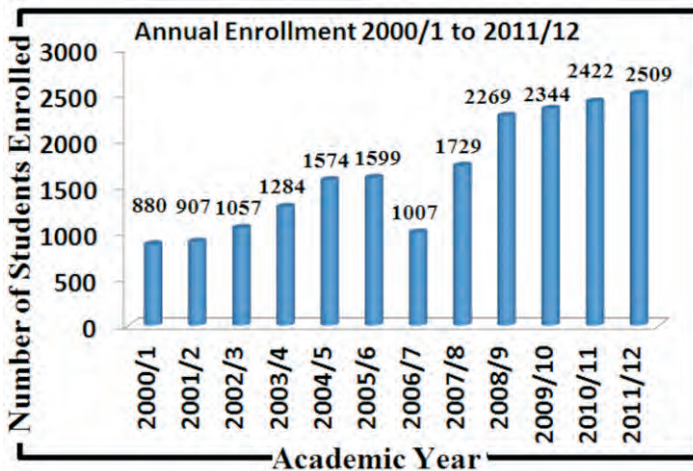
**Professor Ishenkumba Kahwa, BSc, MSc *Dar*,
PhD *Louisiana State* – Dean**

Overview

PREPARATION OF THE DISTINCTIVE UWI GRADUATE – INITIATIVES, NOTABLE ACHIEVEMENTS

Student Enrolment and Access to Faculty Programmes

The number of students enrolled in our Faculty has steadily grown over the last decade as shown in the figure below and the total enrollment of 2509 was a new record for the Faculty. The intake of 1062 new students in 2011/12 was also a new record for the Faculty of Pure and Applied Sciences and remarkably the highest of any faculty's intake, including that of the Faculty of Social Sciences.



The increase in enrollment broke student population records in nearly every Department and triggered a new wave of coping innovations. Departments (Chemistry and Life Sciences) mounted evening (running up to 9PM) and weekend laboratory sessions, which surprisingly turned out to be very popular, and invested in more equipment and laboratory space to improve the learning and teaching experience. With this experience of more efficient use of time and space, we have the basis for expanding access to the Faculty's programmes of study with minimal limitations from infrastructural resource challenges.

INITIATIVES FOR ENHANCING THE LEARNING EXPERIENCE FOR 2010-11

Curriculum Reform

The Faculty completed an extensive curriculum reform process across all its Departments; most of the Departments implemented the reforms and were using the new level I curricula this year. This was done very carefully to ensure that the respective disciplines had the opportunity to establish standards and benchmarks for their content coverage, instructional time allocations, laboratory skills development and other teaching and learning activities. The curriculum reform has achieved modernization, diversity and flexibility in the Faculty's programme offerings and enhanced the depth of majors and is expected to improve throughput, especially at level 1.

The new curriculum was approved by the Board for Undergraduate Studies (BUS) as: requirements for a major –minimum of 33 credits; Minor –minimum of 15 credits; and minimum for graduation - 93 credits (instead of the current 101). The minimum limit of graduation credit requirements is now consistent with best practices in other UWI faculties and leaves room for use of higher credit requirements for programmes bound by accreditation and other international benchmarks. All courses in the Faculty will henceforth (normally) be of three credits each. It is hoped that these reforms will result in **demand-lead programme offerings** with **robust degree programme customized** to suit diverse student career aspirations and better throughput outcomes.

NEW PROGRAMME AND COURSES OFFERINGS

Mathematics: Students in the Mathematics major Level I were offered the new curriculum and did the new 3-credit courses: MATH1141, MATH1142, MATH1151 and MATH1152. The Department also offered the course MATH 1185, tailored to the needs of Physics and Chemistry students, a statistics course, STAT1001 and a computing mathematical course, COMP1110. Development of level II courses under the new curriculum was completed and approved for offering in 2012/13.

Life Sciences: Revision of the final year (Level 3) courses and amendments to the previously approved BSc programmes and majors, reintroduction of the BSc in Experimental Biology and transformation of the Tropical Horticulture programme into a Major were completed. The 3-credit course format facilitated the introduction of new courses i.e. Plant Eco-physiology, Pollution Biology, Sustainable Use of Marine Fishable Resources and Environmental Microbiology. Revision of Biology of Fungi (formerly Mycology) and the Biology of Soil were also completed. Students can now choose from among the following offerings: BSc Programmes in Environmental Biology and Experimental Biology; Single majors in Animal Biology, Applied Plant Sciences, Horticulture, Marine Biology and Terrestrial and Freshwater Biology, with Minors in Conservation Biology, Human Biology and Plant Sciences complement these majors.

Computing: The Department added to its offerings a BSc in Information Technology and approval was also given for this programme to be offered at the Western Jamaica Campus in 2012/13.

Physics: The Department implemented Level I courses of the new curriculum, including new laboratory and a mandatory mathematics courses. Development and approval of Level II courses was also achieved.

Geography and Geology: The Department began its transition to a new 3-credit course system with offerings of eight new Level I courses, four in Geography and four in Geology. All first year courses have been redesigned, with new lecture material, assessment methods and revised practical classes. A suite of new Level II courses in Geography and

Geology were designed and approved by AQuAC, for offering in 2012/13.

MECHANISMS FOR ENHANCING LEARNING

Innovations in Tutorial and Peer-Led Learning: Building on the success of interventions put in place previously, reflective learning opportunities such as tutorials given by peers (in Department of Chemistry and Computing) or required by the Department (Life Sciences) continue to be effective opportunities for learning. The Department of Life Sciences has reversed poor performance at Level I from poor pass rates of 52/65% in 2009/10 to up-to 86% for 2011/12. Major improvements in performance at level I where high failure rates have been the norm, followed the implementation of compulsory tutorial attendance regimes with graded weekly quizzes and grading assistance secured from graduate students. The peer-led learning and book loan programmes in the Department of Chemistry as well as the Bridging Mathematics programme in the Department of Mathematics also continued to be helpful in learning.

International Student exchange, internships and placements: International exchange activities funded by the Linnaeus-Palme Foundation continued with the University of Gothenburg, Sweden. Visitors from UWI Mona to Gothenburg were: staff - **Drs. Paul Maragh** and **Roy Porter** (March 2012); and students - Mr. Keisean Stevenson (undergraduate) and Janese Henderson (graduate) Semester 2. Visitors from Gothenburg to UWI Mona were **Prof. Johan Boman** and one undergraduate student, Jannie Staffanson. Prof. Boman, an atmospheric physicist, delivered four research seminars and a lecture to undergraduate students taking the course Chemical Analysis II and participated in discussions geared towards launching a collaborative research programme in atmospheric science. This exchange programme is coordinated by **Prof. Ake Nilsson** (Gothenburg) and **Dr. Novelette Sadler-McKnight** (UWI).

The Department of Computing launched its first internship courses (*Internship in Computing*) to Levels II and III students in Semester II of this year. Professional certification courses (Cisco Networking Academy) were

also run with encouraging income generation outcomes. Three visiting Professors: (Kweku-Muata Osei-Bryson of Virginia Commonwealth University, Robert France of Colorado State University and Suresh Sankaranarayanan of the Institut Teknologi Brunei) were appointed to strengthen and diversify computing academic programmes especially at the graduate levels. Professor Osei-Bryson has met with staff who supervise graduate students and the graduate students themselves to assist with capacity building. Professors Sankaranarayanan and France continue to supervise graduate students.

Industry placements for students enrolled in the Industrial Chemistry course also continued.

Student ‘professional’ societies: Departments continued to pay special attention to the involvement of students in professional societies and similar opportunities for learning and mentorship. Physics students getting First Class Honours continued to be mostly from among those mentored in the Physics Honour Society. The Geography and Geology Department continued its tradition of involving students in professional and scholarly activities. The Chemical Society (a student organization) was very much involved in preparations and implementation of activities observing the International Year of Chemistry (including production of a magazine). The Actuarial Student Society is involved in grooming students for careers as actuaries with support from senior persons in the profession. The Centre for Biotechnology conducted its first undergraduate symposium to provide inspiration and focus final year students’ attention on biotechnology.

IMPROVEMENTS IN GRADUATE STUDIES; NOTABLE ACCOMPLISHMENTS OF GRADUATES

New Programmes: Development of the MSc in Food and Agro-Processing Technology and MSc in Enterprise Risk Management (the later jointly offered with Mona School of Business) programmes were completed and approved for delivery in 2012/13. The MSc in Marine and Terrestrial Ecosystems (MaTE) was taught for the first time as one of the specializations under the Natural Resource Management (NRM) suite of

programmes of study. Development of an MSc programme in Medical Physics was completed and the programme will be offered in 2012/13.

International Exposure: Through a New Initiative grant to Dr. Batic, two MPhil students (Mr. Runako Williams and Mr. Dujon Dunn) visited Universidad de los Andes (Bogota, Colombia) three times over the last year to conduct research related to his project Mathematical aspects of quantized space-times. While there they worked with Prof. Marek Nowakowski (Department of Physics) and Prof. Monika Winklmeier (Department of Mathematics) and participated in a workshop entitled Quantum Integrable Systems held at Universidad de los Andes. The Gothenburg University - UWI exchange include on MPhil(Chemistry) student. An alumnus of the Department of Chemistry and emerging technology entrepreneur, Dr. Kamal Abdur-Rashid, now CEO, Kanata Chemical Technologies, Toronto, Canada was appointed Visiting Professor to facilitate collaborative research on industrial materials involving co-supervision of research students.

Graduate Achievements: A number of our graduate students received awards or commendations:

Ms. Charah Watson, who has completed her PhD studies, was one of the One Hundred Most Promising Young Chemists in the World chosen to celebrate 2011 as the International Year of Chemistry based on the pest control research that she has done at the Natural Products Institute. She presented on her research at the celebratory symposium held Aug. 14-18, in Sao Paulo, Brazil. She was also recognized for this award at the Annual Faculty of Pure and Applied Sciences Awards and an invited special lecture at the Third World Academy of Sciences – Latin America and Caribbean (TWAS-LOLAC) Symposium in Tobago.

IMPROVING RESEARCH/ INNOVATION OUTPUT, NOTABLE ACHIEVEMENTS, DISTINCTIVE RESEARCH OUTPUT

The faculty continued its focus on internationally competitive research; a total of 98 refereed papers and 11 books/edited works were published for 2011/12. There were also 20 refereed conference presentations and 20 non-refereed contributions. One patent was granted to the Natural

Products Institute/Chemistry collaboration of Dr. Trevor Yee and Prof. Jacobs. The Faculty organized the FPAS 9th Biennial Conference under the theme “*Science: Bridge to the Future*” while the Department of Geography and Geology organized a 50th anniversary to commemorate 50 years of geology at UWI and the Department of Chemistry organized its 24th Mona Symposium on Natural Products and Medicinal Chemistry in January 2012.

Research/Innovation Output

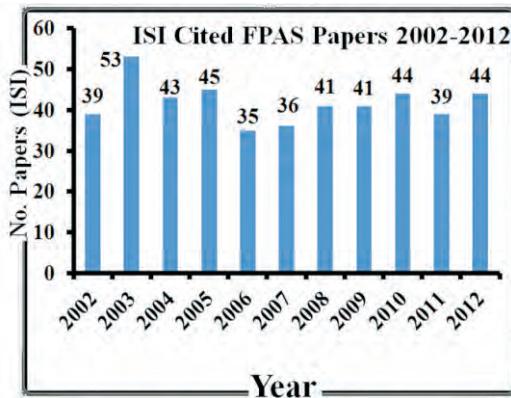
The 2010/11 publication profile for the Faculty is shown in the Table below. It shows that there was no significant increase in total publications over 2010/11 but the Department of Life Sciences achieved significant increase (to 22) in refereed papers over 2010/11 (from 15).

Department/Centre/ Institute/Unit	Refereed Articles/Chapters		Patents		Books and Edited Works	
	2011/12	2010/11	2011/12	2010/11	2011/12	2010/11
Biotechnology	9	11				
Chemistry	19	21				1
Computing	10	8				1
Electron Microscopy	1	2				
Geography/Geology	17	24			3	3
International Centre for Environmental & Nuclear Sci (ICENS)	3					
Life Sciences	22	15			7	9
Mathematics	9	15				2
Natural Products Institute	5	4	1			
Physics	5	11			1	
Total	107	111	1		11	16

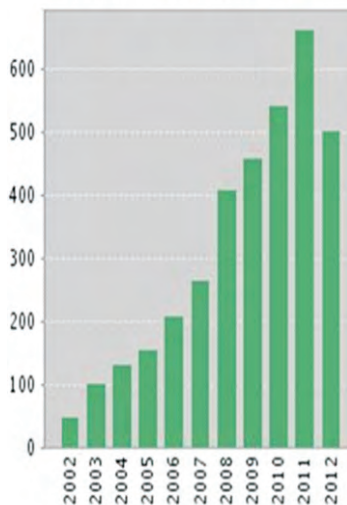
International Competitiveness

While the number of refereed papers is reasonable the number of papers making it into the highly respected Thomson Reuters ISI data base (Web of Knowledge) continues to be of concern (see figure below). However,

visibility of the Faculty’s research output continues to be healthy as shown by significant citations (see figure below). It is important to grow the number of our publications in international data bases and improve our global visibility for reason discussed in the 2010/11 report.



Citations in Each Year



Growing Citation of publications from UWI’s Faculty of Pure and Applied Sciences researchers in the prestigious ISI Data base for 2002-2012

Notable Research Achievements

Prof. Ishenkumba Kahwa (Chemistry Professor and Dean) was awarded the 2011 CARICOM Science Award in recognition of his outstanding contribution to the field of science nationally and throughout the region. **Prof. Simon Mitchell** (Geology Professor) was awarded the 2011 Gleaner Award for Science and Technology in recognition of his outstanding contribution to Geological Research. **Dr. Daniel Coore**, Senior Lecturer in Computing and co-inventor of the UWI Cardiac Surgery Simulator was honoured at the 2012 Research Days awards for his outstanding contribution to the development of this vital training tool and its promotion, which led to orders and developmental collaborations from 7 major cardiac surgery training schools in the USA. **Drs. Paula Tennant** (Life Sciences), **Byron Wilson** (Life Sciences) and **Henry Ellis** (Chemistry) were promoted to Professorships. For the first time, five (5) students from the Department of Physics participated in the IEEE Southeast Conference Student Competitions that was held in Orlando Florida from March 15-18, 2012. The students entered the Software, T-Shirt, Website, Paper and Hardware (Robotics) Competitions. Their robot placed a commendable 17th out of 42 University entries.

Support for Governments, the Regions and international community

The Faculty as a whole has been a reliable source of expert service for the public and private sectors as well as international communities. Matters consulted on include: potential and exploitation of Jamaica's mineral resources, energy options and climate change effects/adaption, threat of invasive butterfly species on the citrus industry, management of heavy metal accumulation in the environment and export food crops, better process control in the food industry, occupational safety and health, provision of coast re-vegetation seedlings from the Port Royal Marine Labs, services of a Hyperbaric (Recompression) Chamber at the Discovery Bay Marine Laboratory for divers across the island, tracking and finding solutions to marine invasive species (especially the Lion Fish), laboratory testing for some national sports programmes and agro-product chemical profiles (e.g. ginger), science and mathematics teacher education,

earthquake activity tracking, ballistic and forensics, plant disease and antiretroviral drug resistance patterns.

The Biotechnology Centre continued its innovative projects employing biotechnology techniques to promote environmentally friendly livelihoods, economically important forest biodiversity and conservation and use of nutritious biochar materials in plant production.

The UWI Cardiac Surgery Simulator continued to be in demand as major Universities and hospitals in the USA as well as the University Hospital of the West Indies continue to get good outcomes in training trials. Many Faculty academics continue to be in demand as editors and referees for international journals (in particularly high demand is Prof. N. Benkeblia), assessment and promotions processes of universities around the globe and chairs of boards.

SERVICE TO THE WIDER COMMUNITY, INCLUDING THE OPEN CAMPUS COMMUNITY; NOTABLE ACHIEVEMENTS

The Mona Institute of Applied Sciences (MIAS) has continued to focus on retooling to provide critical analytical service to the agricultural export sector and other agencies. It is now an integral part of the quality assurance/control mechanism of the Ministry of Agriculture's export division for ginger and other agri-products with delicate flavours/fragrances. MIAS's assistance to the ackee industry, i.e. determination of hypoglycine levels, is also significant. The institute has upgraded its biology and chemistry laboratories to enhance its capacity to compete for businesses. Other, activities run routinely such as consultancy work and outreach activities that promote and enhance UWI's impact continued. The Departments of Physics and Chemistry and the Centre for Biotechnology ran workshops to enhance the understanding of important concepts and the competitiveness of sixth formers for entry into University programmes. The Department of Mathematics again organized a very successful Mathematics Olympiad competition that saw Jamaica again send a team to the regional competition in El Salvador in July 2012 and move up two steps in ranking. This year the Mathematical Olympiad was again sponsored by Sterling Asset Management Limited, University of the West Indies, Mona and several other companies. In 2011, the

department also ran the Junior Mathematical Olympiad, which was sponsored by the University of the West Indies and Insurance Association of Jamaica (IAJ). The Department of Physics ran several public workshops and seminars on energy, climate change, ballistics and forensics; the Department of Chemistry ran a vibrant seminar programme to which the public was invited.

ADDRESSING THE FUNDING CONSTRAINTS

The Faculty's departments/centers/institutes reported income of at least J\$120 million from various sources such as external grants, summer school, teaching programmes and technical services. Like in 2010/11 the Department of Life Sciences has been most successful in securing external grant funding. Details are available in the following individual Departmental Reports, which show that the Faculty is playing its part in covering a shortfall in government funding but there is still room for the Faculty to achieve more. The work of the Resource Mobilization Unit, which is designed to facilitate staff members with developing their research ideas into fundable research projects, is showing great promise. Disbursement of funds from donors resulting from these efforts is largely pending. The Faculty staff now better understands how the unit can help with fund raising and the Coordinator (Dr. Julie-Ann Grant) has entrenched herself into key external funding mechanisms. The contract of the Coordinator has been extended and additional staff (one) approved in principle to enhance the Faculty's resource mobilization effort. We thus believe that the Faculty's contribution to grants from external sources will increase significantly in the coming years.

RENAMING THE FACULTY OF SCIENCE AND TECHNOLOGY

As of August 1, 2012 the Faculty of Pure and Applied Sciences will be renamed 'The Faculty of Science and Technology' to bring focus to its new thrust on production of scientific and technological knowledge and human resources and their innovative application to wealth creation opportunities. This change highlights the successful introduction of engineering programmes and the impending launch of the Mona School of Engineering in 2013.

DEPARTMENT OF CHEMISTRY

Professor Helen Jacobs, BSc, PhD, UWI – Head of Department

OVERVIEW

In academic year 2011-12 there were 62 students graduating with BSc degrees in Chemistry, four with first class honours and 13 with upper second class honours and five students graduated with higher degrees. Faculty members published a total of 19 journal articles, gave 17 conference presentations and continued to make significant and varied contributions to the profile and impact of the University through outreach and professional service.



Against this backdrop of our routine teaching, research and service functions the department mounted a vigorous programme of conferences, quality assurance and new outreach activities and of curriculum development and renewal. We embraced the concept of the International Year of Chemistry, IYC2011, declared by the International Union of Pure and Applied Chemistry, and made an admirable effort to achieve the goals of IYC2011 through four activities targeted to primary and high school pupils and the general public. The 24th Biennial Mona Symposium on Natural Products and Medicinal Chemistry was held in January; the symposium is always an academically stimulating and enjoyable event for staff and research students. In March we were subjected to the rigors of a Quality Assurance Review, and we look forward to the improvements resulting from implementing the recommendations from the review. In this past year too, development of the curriculum for the MSc in Food and Agro-Processing Technology was completed and the programme was approved and arrangements for implementing the revised undergraduate courses and programmes were finalized.

HIGHLIGHTS OF MAJOR ACTIVITIES

INTERNATIONAL YEAR OF CHEMISTRY (IYC) 2011

The year 2011 was declared the International year of Chemistry by the UNESCO and the International Union of Pure and Applied Chemistry (IUPAC). Research Day, January 27-28 was used as a soft launch of IYC 2011. Ms. Simone Williams coordinated the activities of the department in celebrating IYC2011. The following activities were completed between November and December 2011.

- The global water experiment for grade 4 pupils in 42 primary schools islandwide (in collaboration with the Ministry of Education)
- A supplement in the Sunday Gleaner, 13th November 2011
- A problem-solving competition for grade 11 high school pupils on 24th November 2011. Fourteen schools from across the island participated in this competition. The competition was designed to improve competence in and appreciation of the use of the mole concept in an atmosphere of fun. The winners were Immaculate Conception High School (1st), St. George's College (2nd) and Meadowbrook High School (3rd). The Petroleum Corporation of Jamaica (PCJ) sponsored this event.
- Closing ceremony and presentation *Kitchen Chemistry: the Sensational Science of Cuisine*. Associate Professor of Chemistry at New York University. Kent Kirshenbaum gave a very engaging presentation on "Kitchen Chemistry: The Sensational Science of Cuisine" on Saturday December 17, 2011 at the Closing Ceremony of IYC2011 (Jamaica) in C5. The audience, comprised of food enthusiasts, chemists, members of the Campus community and members of the public were exposed to the possibilities of food innovation when science and cuisine are combined. Cocktails followed. Professor Kirshenbaum is co-founder of the Experimental Cuisine Collective and had done presentations in Australia and New Zealand as part of his IYC2011 tour.

MONA SYMPOSIUM

The 24th Mona Symposium on Natural Products and Medicinal Chemistry was held in the department, 2nd to 6th January 2012. The programme included eight plenary lectures delivered by distinguished chemists from Japan (2), the UK (2), USA (3) and Canada (1). Of the 15 short papers, three were given by Mona staff, one by a colleague from Barbados, two by graduate students from Mona, one by a graduate student from St. Augustine and eight by visiting participants from the USA, UK and Canada. There were 45 visiting participants, inclusive of plenary speakers and colleagues and students from the Cave Hill and St. Augustine campuses.

QUALITY ASSURANCE REVIEW OF THE DEPARTMENT

The department was subject to a Quality Assurance Review during the week of 19th -23rd March 2012. The review team was comprised of Prof. Graham B. Jones, Chair, Department of Chemistry & Chemical Biology, Northeastern University (team leader), Prof. Anderson Maxwell, Department of Chemistry, UWI, St. Augustine, and Ms. Denise Forrest, Environmental Consultant, Forrest & Associates.

NEW MASTER'S PROGRAMME APPROVED

The programme leading to the MSc in Food and Agro-Processing Technology (FAPT) received final approval from the Graduate School in late March. The programme was been advertised and the first cohort is to be admitted in September 2012. **Dr. Ian Thompson** coordinated the academic, administrative and physical arrangements for startup of the programme.

BETTER PROCESS CONTROL SCHOOL

The FDA-approved certification course “Better Process Control School” (BPCS) was delivered in the Department twice this year, 9th -13th January and 16th - 20th July, to members of the food industry and regulatory agencies locally and in the wider Caribbean. This course is a requirement for processors of low acid and acidified canned foods, especially if these

products are to be exported to the US. The UWI, Mona BPCS, which is normally run biennially in odd-numbered years and coordinated by **Dr. Donna Minott-Kates**, is self-sustaining and is the only BPCS routinely operated by a non-American institution. These January and July 2012 BPC Schools were the tenth and eleventh schools delivered at UWI, Mona, and were held off-cycle due to the need for processors to meet the requirements of the new Food Safety Modernization Act in the US.

WORKSHOP ON NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY

A two-day workshop entitled *Modern NMR Methods for Structure Determination* was delivered 9th -10th January 2012 by Emeritus Professor and eminent NMR spectroscopist William F. Reynolds of the University of Toronto. There were 28 registrants consisting of graduate students from St. Augustine (6) and Mona (14) and staff (3 members from St. Augustine and 5 members from Mona). The workshop was funded in part by the Office of Graduate Studies and Research, Mona.

WELCOME RECEPTIONS FOR ADVANCED CHEMISTRY STUDENTS

At the start of each semester this year the department mounted an interactive afternoon programme of informational and motivational presentations for Level II and Level III chemistry students followed by a social. The aim of these sessions is to get these students to engage with and excel in their academic programmes and to graduate in minimum time. Students were also assigned academic advisors from among the Chemistry faculty. Key organizers were **Drs. Michael Coley, Paul Maragh, Novelette Sadler-McKnight, Marvadeen Singh-Wilmot, Mrs. Mitzie Samuels, Mrs. Tracia Johnson-Blair** and the **ChemSoc executive** who co-hosted the events.

THE OCCUPATIONAL AND ENVIRONMENTAL SAFETY AND HEALTH (OESH) PROGRAMME

There were thirty-three students in the MSc OESH programme in Sept 2011, and of these twenty-one were new students. Fifteen students graduated from the programme in November 2011. At the BSc level eight students were registered in advanced OESH courses. The following four short courses were run:

- Essentials of Occupational Safety and Health (EOSH), 30 hours, four cohorts
- Introduction to Indoor Air Quality Assessment
- Use and Application of Industrial Hygiene Toolkits
- Confined Space Entry Programs

NEPA VISIBLE EMISSIONS TRAINING

The Department hosted two Visible Emissions training courses (Smoke Schools) put on by NEPA January 24th and July 26th 2012. Approximately sixty (60) persons participated in the courses.

STAFF MOVEMENTS

Mrs. Miriam Lindo, our Administrator, transferred to the Faculty Office in May 2011 to take up the position of Administrative Officer. **Mrs. Tracia Johnson-Blair**, formerly Senior Secretary, is now the department's Senior Administrative Assistant.

Dr. Anthony Greenaway and **Dr. Roy Porter** were on sabbatical leave for the academic year 2011-2012; they were replaced by **Dr. Jillian Roberts** (from Trinidad) and **Dr. Petrea Facey** respectively. **Dr. Ainka Brown** joined the academic staff as a Teaching Assistant. **Dr. Henry Ellis**, formerly Senior Lecturer in Physical Chemistry, was elevated to the rank of Professor in October 2011.

OUTREACH ACTIVITIES

CAPE Workshop

The annual workshop on spectroscopy and chromatography for students sitting the Caribbean Advanced Proficiency Examinations (CAPE) in Chemistry was held between January 16 and 20. A total of 888 students and 46 teachers from 40 secondary institutions across the island participated. As in previous years, this workshop was coordinated by Dr. Novelette Sadler-McKnight.

Denbigh Agricultural Show

The following were highlighted in Department's contribution to the UWI presentation in August 2011 at Denbigh under the theme "Enhancing Jamaican Agricultural Products: Flora, Fauna, Technology and Policy Research".

- Cassava-wheat composite bread project – description, samples, giveaway questions
- Jams from Jamaican berries – sample
- The proposed MSc programme in Food and Agro-Processing Technologies

The exhibit also included a number of chemistry experiments.

STUDENT ENROLMENT

The highest registration for Introductory Chemistry (CHEM1901/1902), 597 students, was recorded this year. This necessitated the establishment of Overflow Lab streams on Tuesday, Wednesday and Friday. The space in the south wing formerly used for Environmental Chemistry research was refurbished to accommodate this overflow to a maximum of ten students.

Table 1: Numbers of students reading courses in chemistry, 2008-2011

Level	2008-2009 Sem 1/Sem 2	2009-2010 Sem 1/Sem 2	2010-2011 Sem 1/Sem 2	2011-2012 Sem 1/Sem 2
Preliminary	205/180	129/128	134/116	240/219
Introductory	490/440	532/465	537/458	597/525
Advanced	230/204	271/249	288/268	266/258
Postgraduates	59 (31 F/T; 28 P/T)	45 (24 F/T; 21 P/T)	50 (32 F/T; 18 P/T)	45 (30 F/T; 15 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.

FACULTY AWARDS

Drs. Michael Coley, Mark Lawrence, Willard Pinnock and Marvadeen Singh-Wilmot were recognized for outstanding teaching assessments at the Faculty Awards Ceremony. The paper “Tracking Hypoglycins A and B over Different Maturity Stages: Implications for Detoxification of Ackee (*Bligbia sapida* K.D. Koenig) Fruits”. **Camille S. Bowen-Forbes and Donna A. Minott.** *Journal of Agricultural and Food Chemistry* 2011, 59, 3869-3875, was selected as one of the three best publications from the FPAS in 2010-2011, and the authors received one of the Principal’s Research Awards in this category for Research Day 2012.

DEPARMENTAL AWARDS AND PRIZES

Eight undergraduate students received awards, ranging from \$15,000 to \$60,000, for their academic performance in Chemistry. They are **Keisean Stevenson** (Cedric Hassall), **Davalene Neale** (Garfield Sadler), **Covel McDermot** (Wilfred Chan), **Kristen Morgan** (Leonard J. Haynes), **Alrick Grandison** (Chemistry Department), **Avalon Gilpin** (Pavelich/Honkan) and **Doleasha Davis** (Bertram Fraser-Reid), and the newly created Willard Pinnock Prize was awarded to **Jason Edwards**.

POSTGRADUATES

Four students completed and were awarded MPhil degrees and one student an MSc. Names of the students who completed higher degrees in Chemistry in 2010-2011, and those of their supervisors are listed in the following table.

Table 2: Higher degrees in chemistry awarded in 2012

Degree completed	Name	Supervisor
PhD	Charah Watson	Dr. T. Yee (Natural Products Institute)
MPhil	Safiyah Dundee Sophia Haley	Dr. D. Minott-Kates Prof. T. Dasgupta Dr. P. Maragh
	Sharon Hooper	Dr. J. Jackson Prof. H. Jacobs
MSc (Food Science & Technology)	O'Neil Falloon	Dr. D. Minott-Kates (co- supervisor with Dr. G. Baccus-Taylor, UWI, St. Augustine)

Ms. Charah Watson, a PhD candidate in the Department of Chemistry was awarded a grant to attend and make a presentation at the Natural Products, Medicinal, and Organic Synthesis Chemistry Symposium held in celebration of the International Year of Chemistry in Sao Paulo, Brazil in August 2011. Four Nobel Prize Winners in Chemistry were among the invited speakers at this symposium. This grant was one of sixty grants awarded to graduate students from across the world on a competitive basis.

STAFF-STUDENT EXCHANGE PROGRAMME

Drs. Paul Maragh and **Roy Porter** visited the University of Gothenburg in Sweden in March 2012 as part of the programme of staff-student exchange funded by the Linnaeus-Palme Foundation. One undergraduate student (Keisean Stevenson) and one graduate student (Janese Henderson) from Mona, spent semester 2 at the University of

Gothenburg under the aegis of this exchange programme. Visiting our department from Gothenburg was **Prof. Johan Boman** and one undergraduate student, Jannie Staffanson. Prof. Boman, an atmospheric physicist, delivered four research seminars and a lecture to undergraduate students taking the course Chemical Analysis II and participated in discussions geared towards launching a collaborative research programme in atmospheric science. This exchange programme is coordinated by **Prof. Ake Nilsson** (Gothenburg) and **Dr. Novelette Sadler-McKnight** (UWI).

SEMINARS

Under the leadership of the Seminar Coordinator, Dr. Marvadeen Singh-Wilmot, members of the department enjoyed an active seminar programme. Eighteen seminars spanning a wide range of topics were delivered by visitors, faculty and postgraduates.

PAPERS PRESENTED

- **C. S. Bowen-Forbes**, K. S. McCook-Russell, M. G. Nair, N. P. Seeram and Y. Tao “Health-promoting properties of exotic Jamaican fruits”. 43rd Central Regional Meeting of the American Chemical Society, Dearborn, MI, United States, June 5-9 2012.
- **R. J. Lancashire**, “Edward, William and Wilton Turner –part of Jamaica’s scientific heritage?” (Oral presentation). 43rd IUPAC World Chemistry Congress, San Juan, Puerto Rico, 30th July – 7th August 2011.
- K.-A. Green, T. P. Dasgupta, **P. T. Maragh** and K. Abdur-Rashid, “Chiral *N*-heterocyclic carbenes and acyclic diaminocarbenes: synthesis, characterization and application to asymmetric transition metal catalyzed reactions”. 43rd IUPAC World Chemistry Congress, San Juan, Puerto Rico, 30th July – 7th August 2011.
- A. Stephens-Gayle, **D. A. Minott**, “Caffeine content and cup taste profile of *Coffea arabica* var *typica* (coffee) grown at different

altitudes in Jamaica”. International Food and Nutrition Conference (IFNC), Tuskegee, Alabama, USA, 9th – 11th October 2011.

- **N. Sadler-McKnight** and J. Samuels, “An Insight into the Molecular Mechanisms of Molybdoenzymes using Molybdenum (V) Complexes and different Substrates as Model Systems” (Oral presentation). 43rd IUPAC World Chemistry Congress, San Juan, Puerto Rico, 30th July – 7th August 2011.
- **N. Sadler-McKnight** and I. Miller, “Implementation of PLTL in a Caribbean University: Successes, Challenges and Implications” (Oral presentation). The First Annual Conference of the Peer-Led Team Learning International Society (PLTLIS), New York City College of Technology, CUNY, New York, USA, May 17-19, 2012.
- I. Miller and **N. Sadler-McKnight**, “Improving student attitudes and performance in Introductory Level Chemistry through the Peer-Led Team Learning Approach”, PLTL Conference, City College of New York, New York, USA, July 10-11, 2012.
- **M. A. Singh-Wilmot**, “Lanthanide Metal-Organic Framework Materials: Syntheses, Structures and Luminescence” (Poster). 22nd General Meeting TWAS, Trieste, Italy, November 21-23, 2011.

24th Mona Symposium on Natural Products and Medicinal Chemistry, Kingston, Jamaica, 2nd – 6th January 2012.

- **C. S. Bowen-Forbes**, K. McCook-Russell, V. Mulabagal, Y. Liu, M. G. Nair, T. Yuan, N. P. Seeram. “Health-beneficial properties of uncommon Jamaican fruits”.
- **A. T. Brown** and S. R. Jarrett, “Towards a heterocyclic conformational analogue of (*E*)-caracasamide”
- O. V. Barrett, N. K. Downer-Riley and **Y. A. Jackson**, “New methodology toward synthesis of benz-fused-azoles and their analogs

- K.-A. Green, T. P. Dasgupta, **P. T. Maragh** and K. Abdur-Rashid, “N-Heterocyclic carbenes – synthesis, characterization and application to transition metal catalyzed reactions”.
- P. C. Facey and **R. B. Porter**, “Bioactive compounds from endophytic fungi associated with Jamaican mangroves”.

9th Conference of the Faculty of Pure and Applied Sciences, University of the West Indies, Mona, April 13-15, 2012.

- T. F. Campbell and **C. S. Bowen-Forbes**, “Anthocyanin, essential oil profiles and the antioxidant properties of *Rubus rosifolius*”. Poster.
- S. Gilbert, **M. A. Singh-Wilmot**, Z. Min, C. Cahill, M. Andrews, C. Rowland, “Lanthanide(III) Coordination Polymers and Framework Materials of 1,3,5-tris(4-carboxyphenyl)benzene” (Poster).
- Z. Min, **M. A. Singh-Wilmot**, C. Cahill, M. Andrews, “Reticular Synthesis in Lanthanide Metal-Organic Frameworks (Ln-MOFs): Crystal Engineering for Greater Tunability”.
- R. Sinclair, **M. A. Singh-Wilmot**, M. Andrews, C. Rowland, C. Cahill, M. Murugesu, “Lanthanide(III) Nanoclusters: Synthesis and Characterization” (Poster).

PUBLICATIONS

Refereed Journal Articles

- * **M. Bakir**, O. Brown, “Spectroscopic and electrochemical properties of di-2-pyridyl ketone thiosemicarbazone [dpktscl] in non-aqueous media”. *Journal of Molecular Structure* 2011, 1006 (1-3), 402-408.
- * **M. Bakir**, C. Gyles, “Synthesis and physicochemical properties of fac-[Re(CO)₃(η^2 -N,N-dpkfah)Cl], dpkfah = di-2-pyridyl ketone 2-furoic acid hydrazone: the molecular structure of fac-[Re(CO)₃(η^2 -N, N-dpkfah)Cl]acetone” *Journal of Coordination Chemistry* 2011, 64(10), 1743-1757.

- * K. P. McCook-Russell; M. G. Nair, P. Facey, **C. S. Bowen-Forbes**, “Nutritional and nutraceutical comparison of Jamaican *Psidium cattleianum* (strawberry guava) and *Psidiumguajava* (common guava) fruits”. *Food Chemistry* 2012, 134(2), 1069-1073.
- * S. Bryan, R. Alexander-Lindo, **T. Dasgupta**, D. McGrowder, “The effect of nitric oxide inhibitors and *S*-nitroso-*N*-acetylpenicillamine on glucose concentration in an animal model”. *Journal of Natural Science, Biology and Medicine* 2011, 2(1), 80-86.
- * S. Bryan, R. Alexander-Lindo, **T. Dasgupta**, D. McGrowder, “The effect of nitric oxide inhibitors and *S*-nitrosothiols on hemodynamic parameters in an animal model”. *Open Access Animal Physiology* 2011, 3, 1-8.
- * P. N. Nelson, **H. A. Ellis**, “Structural, odd-even chain alternation and thermal investigation of a homologous series of anhydrous silver(I) *n*-alkanoates”. *Dalton Transactions* 2012, 41(9), 2632-2638.
- * R.A. Taylor, **H. A. Ellis**, “Thermotropic mesomorphic and odd-even melting behaviour of a homologous series of zinc(II) *n*-alkanoates”. *Molecular Crystals and Liquid Crystals* 2011, 548(1), 37-54.
- * N. Downer-Riley, **Y. A. Jackson**, “Highlight syntheses” *Annual Reports on the Progress of Chemistry, Section B: Organic Chemistry* 2012, 108, 147-170.
- * M. A. Lawrence, **P. T. Maragh**, T. P. Dasgupta, “Mechanistic studies of the selective reduction of ruthenium(III) containing trinuclear oxo complexes by L-ascorbic acid in aqueous solution” *Transition Metal Chemistry* 2012, 37(6), 505-517.
- * **P. T. Maragh**, “Mechanisms in solution” *Annual Reports on the Progress of Chemistry, Section A: Inorganic Chemistry* 2012, 108, 369-388.

- * M. A. Lawrence, **P. T. Maragh**, T. P. 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”. *Inorganica Chimica Acta* 2012, 388, 88-97.
- * G. Bent, **P. T. Maragh**, T. P. Dasgupta, “Acrylamide in Caribbean foods - Residual levels and their relation to reducing sugar and asparagine content”. *Food Chemistry* 2012, 133(2), 451-457.
- * S. J. Dundee, **D. A. Minott**, “Impact of seed size on residual hypoglycin levels in ackee” *Food Research International* 2012, 47(2), 306-309.
- * A. Luque, **W. H. Mulder**, J. A. Calvente, A. Cuesta, R. Andreu, “Proton Transfer Voltammetry at Electrodes Modified with Acid Thiol Monolayers”. *Analytical Chemistry* 2012, 84(13), 5778-5786.
- * **W. Mulder**, H. I. Hassan, “The effect of orientational disorder of the anion in calcite on the aragonite (Pmcn) ? calcite ($R\bar{3}c$) equilibrium”. *Canadian Mineralogist* 2011, 49(4), 1035-1043.
- * M. McNeil, P. Facey, **R. Porter** “Essential oils from the *Hyptis* genus- a review (1909-2009)” *Natural Product Communications* 2011, 6(11), 1775-1796.
- * K. P. McCook, A. R. Chen, W. F. Reynolds, **P. B. Reese**, “The potential of *Cyathus africanus* for transformation of terpene substrates”. *Phytochemistry* 2012, 82, 61-66.
- * P. C. Peart, A.R. Chen, W. F. Reynolds, **P. B. Reese**, “Entrapment of mycelial fragments in calcium alginate: A general technique for the use of immobilized filamentous fungi in biocatalysis”. *Steroids* 2012, 77(1-2), 85-90.
- * Z. Min, **M. A. Singh-Wilmot**, C. L. Cahill, M. Andrews, R. Taylor, “Isorecticular lanthanide metal-organic frameworks: syntheses, structures and photoluminescence of a family of 3D

phenylcarboxylates”. *European Journal of Inorganic Chemistry* 2012, 2012(28), 4419-4426.

Patent

- * T. H. Yee, **H. M. Jacobs**, “Simplified process to extract quassinoids”. PCT Int. Appl. 2012, WO 2012104728 A1 20120809.

WORKSHOPS AND CONFERENCES ATTENDED

WORKSHOP ON GREEN TECHNOLOGIES

Ten graduate students and seven faculty members from the Departments of Chemistry and Physics attended a workshop on **Green Technologies** mounted by the Yale Center for Green Chemistry & Green Engineering, 17th-18th August 2011 at the Rose Hall Hilton Hotel. The workshop was organized by Prof. Mitko Voutchkov with funding from the Environmental Foundation of Jamaica and Petrojam. The aims of the workshop were to promote local capacity building in green technology research and development in government, industry and academia and to establish collaborations between Jamaican stakeholders and leading scientists in fields of green chemistry, materials and energy. The keynote lecture was delivered by Prof. Paul Anastas, Director of the Yale Center for Green Chemistry and Green Engineering.

INCOME GENERATION & RESEARCH GRANTS

Dr. N. Sadler-McKnight - SEK **292,000** (J\$3,925,128) from the Linnaeus-Palme Foundation to support staff/student exchange programme for academic year 2012-13 between the Departments of Chemistry, University of Gothenburg, Sweden and the Mona Campus of UWI. This programme is being funded for the sixth consecutive year.

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. The project is targeting waste oil produced on-Campus and in surrounding communities and the resulting biodiesel is being considered for use as a blend to fuel heavy duty University vehicles. **Dr. Michael Coley** coordinates project activities in the Department of Chemistry.

Dr. Anthony Greenaway received funding from the American Society for Limnology and Oceanography (ASLO) of US\$3000 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.

Consultation Fees and rental of facilities – **J\$2.8 M**

Better Process Control School **J\$5.5 M**

PUBLIC SERVICE

Prof. M. Bakir

- Referee to the Journals: *Coordination Chemistry*, *Inorganic Chemical Communications*, *Talanta* and *Polyhedron*.

Dr. C. Bowen-Forbes

- Facilitator, First Year Experience (FYE)

Prof. 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

Prof. H. Ellis

- Member, Bureau of Standards Jamaica Paints and Surfaces Committee.

Dr. W. Gallimore

- Member, 24th Mona Symposium Organising Committee
- Facilitator, First Year Experience (FYE)

Dr. A. Greenaway

- Member, National Ozone Commission.
- Member, Bureau of Standards Jamaica Water System Components Technical Committee.
- Member, Jamaica National Agency for Accreditation Technical Advisory Committee.

Prof. Y. Jackson

- Regional Editor, MOLECULES.
- Reviewer for paper submitted to *Synthesis*, *European Journal of Chemistry*, *ARKIVOC*, *Synthetic Communications*, *Tetrahedron Letters*.
- Member, Board of Governors, Hampton School for Girls.

Prof. H. Jacobs

- Member, Organic Chemistry Division of the International Union of Pure and Applied Chemistry (IUPAC)

Prof. R. Lancashire

- Secretary, Caribbean Academy of Sciences.
- Secretary of IUPAC Committee on Printed and Electronic Publications (CPEP).
- IUPAC representative, ICSU Committee on Data for Science and Technology (CODATA).

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, 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)
- Member, Scientific Research Council Food Technology Sub-Committee of the Board of Directors
- Board member, Grove Primary School (Gordon Town Road, St Andrew)
- Secretary, Mona Preparatory School Parent Teacher's Association

Dr. W. Pinnock

- Faculty of Pure and Applied Sciences Rep. – University Hospital of the West Indies Research Ethics Committee
- Board Member, National Water Resources Authority
- Chairman, Technical Advisory Sub-Committee, National Water Resource Authority

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

Prof. P. Reese

- Member, West Indies Group of University Teachers Executive Committee; Negotiating Committee

- Member, Equine Drug Testing Committee, Jamaica Racing Commission.
- Member, Product Research & Development Committee, Scientific Research Council.
- Board Member, Jamaica National Agency for Accreditation, Ministry of Industry, Technology, Energy & Commerce.
- Chair, ISO/IEC 17025 Technical Advisory Committee; Member, ISO/IEC 15189 Technical Advisory Committee

Dr. N. Sadler-McKnight

- Coordinator, CAPE Chemistry Workshop
- Executive Secretary, Chemistry Alumni and Friends (CHEMSAF)
- Member, Technical and Finance Committee of the Scientific Research Council (SRC)
- Faculty Advisor, UWI Circle K Club
- External Examiner, Chemistry, College of Agriculture, Science and Education (CASE)

Dr. M. Singh-Wilmot

- Coordinator, Departmental Seminar series
- Member, Curriculum Reform Committee.
- Co-chair, Young Scientist Ambassador Program (YSAP)
- Young Affiliate Fellow, TWAS

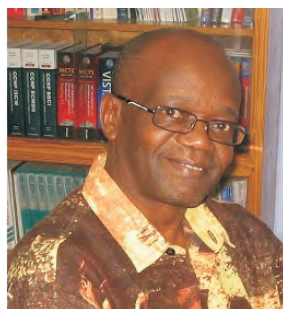
DEPARTMENT OF COMPUTING

Ezra K. Mugisa, PhD, DIC, CITP – Head of Department

WORK OF THE DEPARTMENT

Curriculum Review

The Department continued its curriculum reform, with the revision of second year courses from four to three credit courses. Additionally, two internship courses open to second and final year students were introduced. Students can choose to complete six or three credits by working with one of our industry partners. The first cohort of interns successfully took the course in semester II of the 2011/2012 academic year.



Western Jamaica Campus

The expansion of our programmes continues as approval was given to offer the BSc in Information Technology at the UWI Mona's Western Jamaica Campus (WJC). Approval has also been given to appoint an assistant lecturer, Mr. Ricardo Anderson, to provide tutorial support at WJC.

Research Day Activities

The UWI Cardiac Surgery Simulator was the highlight of the UWI 2012 Research Days, and attracted a lot of media attention, both locally and regionally. Dr. Daniel Coore received the **Principal's award for Innovation** (shared with Dr. Paul Ramphal) at the Research Day Awards Ceremony.

Staffing

Three adjunct professors were added to the cadre of academic staff; Professor Kweku-Muata Osei-Bryson of Virginia Commonwealth University, Professor Robert France of Colorado State University and Dr. Suresh Sankaranarayanan, Associate Professor at Institut Teknologi Brunei. The department has benefited from these collaborations. Professor Osei-Bryson has strengthened our research programme by meeting with staff who supervise graduate students and with the graduate students themselves to offer advice based on his own experiences as a prolific researcher. Dr. Sankaranarayanan and Professor France continue to supervise graduate students. It is hoped that these senior colleagues will participate in curriculum design and development, in developing innovative approaches to course design and delivery and ensuring that teaching design and delivery comply with the quality and educational standards and regulations of the department.

In order to fully support the expanded programmes of the department, we have sought to upgrade the two secretarial positions to those of administrative assistants.

PAPERS PRESENTED

- **Daniel Coore**, “Jamaican Technology Impacting the World: The story of the UWI cardiac surgery simulator”, Caribbean Growth Forum (CGF) Initiative Launch Event. Kingston, Jamaica. June 18-19, 2012.
- **A.G. Hamilton-Taylor**, “Using Interactive Computing in Education and Preservation of African Languages and Indigenous Culture.” The Academy of African Languages and Science, University of South Africa (UNISA), Pretoria, South Africa, May 29, 2012.
- **A.G. Hamilton-Taylor**, “Multimedia Education for the Preservation of African Culture.” An Evening with Dr. Ashley Hamilton-Taylor for Central Johannesburg College, Sunnyside

Park Hotel. Carse O' Gowrie, Johannesburg, South Africa, May 29, 2012.

Peer-reviewed Conference Proceedings

- **Matthew Budram, Daniel Coore.** Automating fluid flow in a cardiac surgery simulator. Proceedings of IEEE SoutheastCon 2012. DOI: 10.1109/SECON.2012.6196961. Orlando, FL, USA. March, 2012
- **Beckford, Carl; Mugisa, Ezra; Brissett, Daine; Carter, Kadira; Jaggon, Christopher and Oneil, Marlon** (2012) Ricoché, A Student-Centric Growth-Oriented Examination Scheduling Algorithm. Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2012: AACE (EDMEDIA 2012), Denver, USA, June 2012.
- **D Gentles and S Suresh,** “Biometric Secured Mobile Voting”, Proceedings of Second IEEE/IFIP Asian Himalayas International Conference on Internet, Kathmandu, Nepal, Nov 4-6, 2011. ISBN: 978-1-4577-1088-9
- **A.G. Hamilton-Taylor,** “A Framework for Innovative ICT Curriculum for Africa and the Diaspora.”, Proceedings of *Second Scramble for Africa Conference*, Africa Institute of South Africa, May 23-24, 2012, Pretoria, South Africa.

PUBLICATIONS

Journal Articles

- * **C Dixon and S Suresh,** “Intelligent Agent based Mobile Real Estate Search and Booking”, *International Journal of Embedded Systems and Computer Engineering*, Vol.4 (1), pp. 43-64, Serial publications, 2012
- * **D Parchment and S Suresh,** “Intelligent Agent based Student Staff Scheduling System”, *International Journal of Computer*

Information System and Industrial Management, Vol.5, pp. 383-404, Dynamic Publishers, 2012

- * **D Gentles** and **S Suresh**, “Application of Biometrics in Mobile Voting”, *International Journal of Computer Networks and Information Security*, Vol.4 (7), pp. 57-68, MECS publishers, 2012.
- * **F Garvey** and **S Suresh**, “Intelligent Agent based Flight Search and Booking System”, *International Journal of Advanced Computer Science and Applications*, Vol.4(1), pp. 12-28, SAI Publishers, 2012
- * **W Lawrence** and **S Suresh**, “Smart Agent learning for Hotel Search System- Android Environment”, *International Journal Information Technology and Computers Science*, Vol.4(9), pp.9-21, Modern Education & Computer Science publisher (MECS), 2012
- * **W Lawrence** and **S Suresh**, “Application of Biometric Security in Agent based Hotel Booking System- Android Environment”, *International Journal Information Engineering and Electronic Business*, Vol. 4(3), pp.64-75, MECS Publishers, 2012
- * **S Bogle** and **S Suresh**, “Job Search System in Android Environment – Application of Intelligent Agents”, *International Journal of Information Science and Techniques*, Vol.2(3), pp. 1-17, AIRCC publishers, 2012
- * **S Bogle** and **S Suresh**, “Biometric Application of Intelligent Agents in Fake Documentation Detection of job Applicants”, *International Journal of Computer Science, Engineering and Information Technology*, Vol.2(1), pp.71-90, AIRCC publishers, 2012
- * **S Suresh** and **L Cox**, “Intelligent Agent based University Search and Admission System - Android Environment”, *International Journal of Computer Information System and Industrial Management*, Vol.4, pp. 35-42, Dynamic Publishers Inc., USA, 2012

INCOME GENERATION

We continued to run a number of income-generating activities as shown in the figure below (all figures are J\$):

Programme/Activity	Income	Expenditure	Net Income
MSc Computer Science	11,550,000	7,920,758	3,629,242
MSc CBMIS	–	–	Not available
Cisco Networking Academy	4,032,500	3,823,836	108,664
Summer School	2,113,429	962,300	1,151,129

The revised MSc in Computer Science accepted eighteen new students. Our Cisco CCNA Professional Certification programme continues to grow. Five new student cohorts began training in this academic year. A shortage of space continues to limit our ability to introduce the other professional certification programmes we have proposed.

PUBLIC SERVICE

Curtis Busby-Earle

- Member, Board of Governors, St. Hugh’s Preparatory School, Kingston
- President, PTA, St. Hugh’s Preparatory School, Kingston

Ashley Hamilton-Taylor

- Board member, The Bob Andy Song Foundation, 2012

Paul Gaynor

- Director, Sunset Optimist Club of New Kingston

Ezra K. Mugisa

- Member, UTECH School of Computing and Information Technology Advisory Committee
- Reviewer for IET Software

Eyton Ferguson

- Public Relations Officer, Golden Meadows Citizens Association, St. Andrew

Gunjan Mansingh

- Member, SALISES 50/50 IS Cluster committee
- Reviewer, INFORMs – *Journal of Computing*
- Reviewer, *Knowledge Management Research and Practice Journal*
- Reviewer, *Hawaii International Conference on System Sciences (HICSS)*

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)			BSc (CSO)			MSc			PhD		
Faculty	FHE			FPAS			FPAS			FPAS			FPAS		
Gender	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
1st Class		1	1	5	3	8									
2nd Class (upper)	1	2	3	4	2	6		1	1						
2nd Class (lower)		4	4	11	9	20									
Pass	2		2	5	1	6	1		1	3		3	1		1
Total	3	7	10	25	15	40	1	1	2	3		3	1		1

Student Awards and Prizes

Matthew Budram, Aston Hamilton, Marc Holmes and Jonathan Smith placed second in the tertiary division of the Ministry of Education's inaugural Blackberry Developers' Competition 2011. The Team was supervised by Dr. Ashley Hamilton-Taylor.

Jean-Pierre Smith won the Karl Robinson Award for best performance in Computing Courses up to semester 1 of year 3 in the programme.

DEPARTMENT OF GEOGRAPHY AND GEOLOGY

**Professor David Barker, BSc *Wales*, PhD *Bristol*, Dip Urb & Reg
Studies *Birm* – Head of Department**

WORK OF THE DEPARTMENT

The summer of 2011 marked the retirement of Rafi Ahmad, who served the university with great distinction during his 30 years on Mona campus. For several years the department has been depleted of senior experienced lecturing staff, and again it was necessary to make some one-year full-time appointments to ensure that the department could deliver its undergraduate teaching commitments in Geography and Geology. Robert



Kinlocke was re-appointed as a Lecturer in Geography while Donovan Campbell was appointed as a new Lecturer in Geography, both one-year appointments. Donovan Blissett was appointed as Lecturer in Geology, as a replacement for Tom Stemann, who was on sabbatical leave. Anestoria Shalkowski was appointed as a Teaching Assistant in Geology. There was a slight increase in the total number of undergraduate registrations for courses compared to 2010-2011, with an increase in geology registrations and a slight decrease in geography registrations.

As part of the faculty's far-reaching curriculum reform programme, the Department began its transition to a new 3-credit system, which is to be introduced in stages over three years. Eight new Level I courses were introduced, four in Geography and four in Geology. All our first year courses have been redesigned, with new lecture material, practical classes revised and new assessment methods introduced. A suite of new Level II courses in Geography and Geology were designed and approved by

AQAC, to be introduced in September 2012. A goal is to enable UWI students to pursue a wider range of courses across subject areas, especially cross-faculty combinations, and design their own degree portfolios to better match career objectives. Notwithstanding the ongoing curriculum reform programme, the department continued to mount sufficient courses to allow students to complete their Majors in Geography and Geology, despite the shortage of experienced lecturers, and the strictures of an operational budget which has not been increased for four consecutive years.

One of the most significant events of the department's year was held in May 2012, when the Geology section celebrated 50 years of teaching Geology at the Mona campus. About 100 persons attended, some coming from the USA, Canada and the UK, as well as from several Caribbean islands. These included past students and former members of staff going back to the earliest years. The first Head of Department, **Professor Kevin Burke**, was on hand to help unveil a large boulder near the Senior Common Room to commemorate the occasion. A morning was given over to a number of former students and staff sharing their reminiscences. An afternoon session involved a panel discussion on the future plans for making Geology at UWI even more significant. The panel members included the Principal of the Mona Campus as well as alumni who had been very successful in both the private and the public sectors throughout the Caribbean. Significant input also came from Professor Kevin Furlong, Professor of Geosciences and member of the Geodynamics Research Group at The Pennsylvania State University, who had been specially invited, and who committed himself and his university to developing further relations with the Department at Mona. A full-day field trip to the north coast brought back many memories for the participants. At the banquet which was the highlight of the three-day affair, announcements were made of a number of undergraduate and postgraduate scholarships in Geology for which commitments had been secured from several sponsors. Awards were also given out to several former students and staff members who had made significant contributions to the Department. Lecturers and postgraduate students participated in the hardworking organizing committee, headed by alumnus Parris A. Lyew-Ayee (Sr.), and the Department gratefully acknowledges their contribution to planning

and successfully securing the funding for this event. A booklet entitled *Celebrating 50 Years of Teaching Geology at the UWI* was produced in time for the occasion.

The research output of the department continues to maintain the high levels of the past. In total, there was 17 peer-reviewed publications and 32 papers presented at international, regional and local conferences and workshops; 9 of the latter being papers presented by postgraduate students. Staff edited 3 issues of regional peer-reviewed journals. **Professor Simon Mitchell** received the prestigious Gleaner Honours Award for Science and Technology for 2011, in recognition for his services to geology during his career at UWI. **Kevon Rhiney** received the Principal's Award for Research Project with the Greatest Business/Economic/Development Impact in the Faculty of Social Sciences, for contribution to the National Strategy for Mainstreaming Youth Development in Jamaica Research Project on UWI Research Day.

Geography staff and postgraduates were again well represented at the Annual Meeting of the Association of American Geographers held in Manhattan, New York, in February 2012. Members of the department presented 7 papers, 4 of which were presented by postgraduate students. David Barker, Robert Kinlocke and Chanelle Fingal organized panel sessions at the meeting. Geography postgraduates also featured prominently in the Faculty of Pure & Applied Sciences Conference, and the SALISES 50/50 Conference. Kevon Rhiney was a member of the organizing committee of the SALISES 50/50 Conference.

A feature of staff activities this year was participation in overseas workshops. Kevon Rhiney and David Barker attended an inaugural workshop in Martinique at the Université des Antilles et de la Guyane, intended to develop scholarly networks across the Caribbean region. Arpita Mandal attended a workshop on Hazard Risk Calculation, as part of the Caribbean Disaster Risk Atlas Project, April 2-4, at St Augustine campus, UWI and another in Stockholm on Integrated Water Resource Management. Arpita Mandal, Kevon Rhiney and Donovan Campbell all participated in the CARIBSAVE "Full Proposal Writeshop" held in Barbados, June 25.

Members of staff and postgraduate students continue to be actively engaged in both the Jamaican Geographical Society (JGS) and the Geological Society of Jamaica (GSJ), especially on their respective organizing committees. These societies continue their roles as important facilitators for departmental outreach through their various activities on and off campus. The GSJ was actively involved in all aspects of the Geology 50 event, while the JGS hosted a panel discussion on ‘The Jamaican Real Estate Market: Trends, Challenges and Future Prospects’, on April 9, which attracted a large audience and included presentations from prominent local speakers from the real estate sector and from Robert Kinlocke.

Visiting Research Professor Ercan Ozan (Technical University of Istanbul) spent three months during the summer looking at a group of foraminifers (microfossils) from Jamaica in collaboration with Professor Mitchell. He has studied this group extensively in Europe, Africa and Asia, and his work is now being extended to the Americas, with Jamaica as the first port of call. Over 700 thin sections were prepared and extensive new data was generated from this study, which will generate a series of papers in the next 2 to 3 years.

Shakira Khan successfully completed her PhD in Geology and **Donovan Campbell** and **Seema Kadir** successfully completed their PhDs in Geography. **Jason Fisher** and **Ennika James** successfully completed MPhils in Geology.

The Geology Museum continued its programme of educational outreach, notably with respect to visits from school groups. The second phase of the Geology Museum renovations was completed in May, in time for the 50th anniversary celebrations in Geology. Funding came from discretionary grants from the EFJ (J\$200,000) and from ICWI (J\$36,000). Two Research Associates worked in collaboration with the Geology Museum. Pietra Brown worked on tool kits and public education material related to climate change for museum displays. Patricia Green, a specialist in geoconservation, participated in the UNESCO World Heritage Centre’s Japan Funds-in-Trust project on ‘Capacity Building to Support the Conservation of World Heritage Sites and Enhance Sustainable Development of Local Communities in Small Island Developing States’ in

Jamaica, June 2012, and as a Technical Advisor for the International Council on Monuments and Sites (ICOMOS) to the Governments of St. Vincent and the Grenadines and Grenada for a UNESCO pilot project “The Grenadine Island Group, Grenada, Saint Vincent and the Grenadines”, June 2012.

The Department continued to administer the Earthquake Unit, the Unit for Disaster Studies, and the Marine Geology Unit, and to house the archival materials of the Unit for Disaster Studies.

INCOME GENERATION

Kevon Rhiney (Project Coordinator) **Donovan Campbell** and **David Barker** (Collaborators) secured funding of US\$97,851.59 for a project entitled ‘Promoting Market Competitiveness and Adaptation to Climate Change among Smallholder Farmers in Jamaica’ from USAID Development Program. This project seeks to provide a response pathway to climate change mainstreaming and adaptation for the Jamaican agricultural sector under the USAID MAJIC programme through science-based research. The research will help the USAID to define its intervention programme for the Jamaican agriculture sector over the next five years. The project involves three components: an integrated vulnerability assessment of farming communities and livelihood assets, a survey of indigenous knowledge and attitudes about coping with climate change, and crop suitability modelling.

Sherene James-Williamson received a UWI New Initiative Grant for 2012 to the value of J\$1.5m for “Using geological provenance techniques as a tool for determining provenance of building material and material culture for historical sites and monuments for purposes of disaster preparedness and management and geoconservation”.

PAPERS PRESENTED

- **D. Barker.** ‘Geography in Jamaica’ in ‘Snapshots of World Geography’, Annual Conference of Association of American Geographers, New York, February 24-28, 2012.

- Palmer, S.E. and **Burn, M.J.** (2011) 'A Late-Holocene record of marine washover events from a coastal lagoon in Jamaica', West Indies. British Sedimentological Research Group – Annual General Meeting, London, UK. December 18-21, 2011.
- Kennedy, L., **Burn, M.J.**, Bain, A., Metcalfe, S., Faucher, A., LeBlanc, A., Berland, A., Perdikaris, S. and Staton, C. (2011) 'Multidisciplinary perspectives on long-term environmental history in Antigua and Barbuda, Northeastern Caribbean', Developing International Geoarchaeology Conference 2011, Knoxville, Tn, USA, September 20-24, 2011.
- **Thera Edwards.** and Susan Otuokon 'Wheel and come again! Preparation of a revised nomination dossier for the Blue and John Crow National Park, Jamaica', 10th Symposium of the Archaeological Society of Jamaica, April 11-12, 2012.
- **R. Kinlocke.** 'Fear, Social Capital and Fortified Enclaves in the Kingston Metropolitan Area'. Annual Conference of Association of American Geographers, New York, February 24-28, 2012
- **S. James-Williamson,** Patricia Green & Roderick Ebanks 'What can mortar and construction practices reveal about the history of Ackendown?', 10th Symposium of the Archaeological Society of Jamaica, April 11-12, 2012.
- **S. James-Williamson** and Margaret Aratram. 'Areas of Special Scientific Interest: a proposal for classification and design', 10th Symposium of the Archaeological Society of Jamaica, April 11-12, 2012.
- **A. Mandal & A. Maharaj.** 'Climate Change And Flooding In Jamaica With Special Reference To Riverine Flooding Of Port Maria, Jamaica', Asia Oceania Geosciences Conference in Taiwan, August 2011.
- **A. Mandall.** 'Water Resources and Challenges for the Kingston Metropolitan Area, Jamaica', Asia Oceania Geosciences Conference, Taiwan, August 2011.

- **A. Mandall.** Results of the study on Flood Modelling and Mapping of the Hope River Watershed, Workshop on the Caribbean Disaster Risk Atlas Project, Ocho Rios, June 28, 2012.
- **S. Mitchell.** ‘Oil exploration in Jamaica: the State of Play’ Faculty of Pure & Applied Sciences, 9th Conference, Mona campus, April 13-15, 2012.
- P. Northover & **K. Rhiney** ‘Vision 50/50: Tackling Constraints and Promoting Pathways to Rural Resilience’, UWI SALISES VISION 50/50 Conference Kingston, May 9-11, 2012.
- **Rhiney, K.** & T. Chambers ‘Improving Market Access among Smallholder Farmers through the Adoption of Alternative Business Models: Oxfam’s Experience in the Caribbean’, UWI SALISES VISION 50/50 Conference, Kingston, May 9-11, 2012.
- **K. Rhiney** ‘Climate Change Adaptation: Implications for Food Security’, Climate Change and Agriculture Symposium, organized by the Ministry of Agriculture and Fisheries in collaboration with the USAID, Eltham Training Centre, Ocho Rios, Jamaica, March 2, 2012.
- **K. Rhiney** ‘Promoting Climate-smart Agriculture in the Caribbean using Crop-prediction Models: Examples from Jamaica’, Colgate University, Hamilton New York, March 8, 2012.
- **K. Rhiney** ‘Enhancing Market Access for Smallholder Farmers using Alternative Business Models: Case Study of the Jamaica Market Access Initiative (JAMAI)’ Annual Conference of Association of American Geographers, New York, February 24-28, 2012
- **K. Rhiney & D. Barker** ‘Arriving at an Appropriate Theoretical Framework to Assessing Small Farmers’ Vulnerability to Global Economic and Environmental Change: Examples from Jamaica’, First International Workshop on the making of the Caribbean

Region, Université des Antilles et de la Guyane, Fort de France, Martinique, April 23-25, 2012.

- **K. Rhiney** & A. Farrell ‘Climate Proof Crops for the Caribbean: Assessing Spatial and Cost Implications of Climate Change on Cocoa and Tomato Production in Trinidad & Tobago and Jamaica’, CARIBSAVE Partnership Caribbean Climate and Development Research Call Proposal Development Workshop, Accra Beach Hotel, Barbados, June 26, 2012.
- **K. Rhiney** ‘Climate Change Adaptation: Implications for Food Security’. Climate Change and Agriculture Symposium, organized by Ministry of Agriculture and Fisheries in collaboration with the USAID, Eltham Training Centre, Ocho Rios, Jamaica, March 12, 2012.
- **T.A. Stemann** ‘Caribbean reef recovery in the early Cenozoic – mixed azooxanthellate and zooxanthellate faunas in the middle Eocene of Jamaica’, 11th Fossil Cnidaria and Porifera Symposium in Liege, Belgium, September 19-29, 2011.
- **T.A. Stemann** ‘Extinct and Extant Reef Corals on Neogene/Quaternary Reefs of Jamaica’, “Colloquium - A New Chapter for Marine Time-series Research in Tropical America”, Smithsonian Tropical Research Institute, Bocas del Toro, Panama, September 23-29, 2011.
- **Marine Geology Unit**, ‘Beach erosion and sea-level rise at Negril’, Mines and Geology Division: Public Presentation at Negril Hills Golf Club, March 8, 2012.
- **Marine Geology Unit**, ‘Impacts of climate change on our coastline; we need to be Proactive not Reactive’, Ministry of Water, Land, Environment and Climate Change (MWLECC) Climate Change Workshop held at the Wyndham Kingston Hotel, July 26-27, 2012.

CONFERENCE: Organizing committees

K. Rhiney was a member of the organizing committee UWI SALISES VISION 50/50 Conference: ‘Globalization, Climate Change and Rural Resilience: The Challenge of Sustainable Development in the Caribbean and Beyond’, Kingston, May 9-11, 2012.

D. Barker & T. Lopez-Marrero (Rutgers University) organized a panel session entitled ‘Caribbean vulnerabilities and global change: from coping strategies to resilience building’, Annual Conference of Association of American Geographers, New York, February 24-28, 2012.

R. Kinlocke & **C. Fingal** organized a panel session entitled ‘Social Capital, Space and Society: A Multifocal Perspective’, Annual Conference of Association of American Geographers, New York, February 24-28, 2012.

PUBLICATIONS – Edited volumes

- * *Caribbean Geography* 16 (1 & 2) Special Double Issue ‘Foundations and Directions: Celebrating Geography at The University of the West Indies, Mona Campus’, Guest Editor **David J. Miller**
- * *Caribbean Journal of Earth Science Volumes 42 & 43*, Editor: **Simon Mitchell**

peer reviewed

- * **Barker, D.** (2011) ‘Geographies of Opportunity, Geographies of Constraint’, in Stephan Palmié and Francisco A. Scarano (eds) *The Caribbean: A History of the Region and its Peoples*, The University of Chicago Press, Chapter 1, pp25-38.
- * **Barker, D.** (2011) ‘The Foundations and Directions of Geography at Mona: the first thirty years, 16(1), *Caribbean Geography*, 16 (1 & 2), 17-33.
- * **Clarke, J. & D. Barker** (2012) ‘Sugar, Land and Female Livelihood in transition in St Kitts’, *Dialogue and UniversalismE*:

- * B. Whitney, F. Mayle, S. Punyasena, K. Fitzpatrick, **M. Burn**, R. Guillen, E. Chavez, D. Mann, R. Pennington, & S. Metcalfe 'A 45 kyr palaeoclimate record from the lowland interior of tropical South America'. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 2011, 307(1-4), pp177-192. Elsevier, Amsterdam.
- * **R.J. Kinlocke** (2011) 'Fortifications and Expressions of Fear: Gated Communities in the Kingston Metropolitan Area, Jamaica', *Caribbean Geography*, 16 (1 & 2), 58-75.
- * **D.J. Miller** (2011) 'Editorial: Geography and Geology and the 60th Anniversary of The University of the West Indies', *Caribbean Geography*, 16 (1 & 2), 1-16.
- * A.R. Hastie, **S. F. Mitchell**, A.C. Kerr, M.J. Minifie & I.L. Millard (2011) Geochemistry of rare high-Nb basalt lavas: Are they derived from a mantle wedge metasomatised by slab melts? *Geochimica et Cosmochimica Acta* 2011, (doi:10.1016/j.gca.2011.06.018).
- * **S.F. Mitchell**, Ramsook, R., Coutou, R. and Fisher, J. (2011) Lithostratigraphy and age of the St. Ann's Great River Inlier, northern Jamaica. *Caribbean Journal of Earth Science*, Volume 42, 1-16. © Geological Society of Jamaica
- * **S.F. Mitchell**, Martínez-Colón, M., Ramsook, R. and Santos, H. (2011) 'A primitive tube-bearing antillocaprinid rudist bivalve, *Parasarcolites sobli* sp. nov., from Jamaica and Puerto Rico, West Indies', *Cretaceous Research*. doi:10.1016/j.cretres.2011.10.013.
- * Carter, J.G., Altaba, C.R., Anderson, L.C., Araujo, R., Biakov, A.S., Bogan, A.E., Campbell, D.C., Campbell, M., Jin-hua, C., Cope, J.C.W., Delvene, G., Dijkstra, H.H., Zong-jie, F., Gavrilova, V.A., Goncharova, I., Guzhov, A.V., Harries, P.J., Hartman, J.H., Hautmann, M., Hoeh, W.R., Hylleberg, J., Bao-yu, J., Johnston, P., Kirkendale, L., Kleemann, K., Koppka, J., Koříž, J., Machado, D., Malchus, N., Márquez-Aliaga, A., Masse, J.-P., Middelfart, P.U., **Mitchell, S.**, Nevesskaja, L.A.,

- Özer, S., Pojeta, J. Jr., Polubotko, I.V., Pons, J.M., Popov, S., Sánchez, T., Sartori, A.F., Scott, R.W., Sey, I.I., Jin-geng, S., Signorelli, J.H., Silantiev, V.V., Skelton, P.W., Steuber, T., Waterhouse, J.B., Wingard, G.L. and Yancey, T. (2011) 'A Synoptical Classification of the Bivalvia (Mollusca)', *Paleontological Contributions*, number 4, 48 pp. University of Kansas.
- * R. Cruse, R. & **K. Rhiney** (2011) 'Reggae identité et paysage urbain dans un bidonville de Kingston-ouest', *L'Espace Politique*. <http://espacepolitique.revues.org/index1997.html>
- * R. Jaffe, **K. Rhiney** & C. Francis (2012) 'Throw word: Graffiti, Space and Power in Kingston Jamaica', *Caribbean Quarterly* 58(1), 1-20.
- * **K. Rhiney** (2012) 'The Negril Tourism Industry: growth, challenges and future prospects', *Caribbean Journal of Earth Sciences*, 43(1), 25-34
- * **E. Robinson, S. Khan, R. Coutou** & M. Johnson (2012) 'Shoreline changes and sea-level rise at Long Bay, Negril, Western Jamaica', *Caribbean Journal of Earth Sciences*, 43, 35-49.
- * **E. Robinson**, & M.D. Hendry (2012) 'Coastal change and evolution at Negril, Jamaica: a brief ecological perspective', *Caribbean Journal of Earth Sciences*, 43, 3-9.
- * **Stemann, T.** & A. Budd (2012) 'Triphylocoenia Orbigny', 1849, p.7. In: Cairns, S. D., Baron-Szabo, R., Budd, A.F., Lathuilière, B., Roniewicz, E., Stolarski, J., and Johnson, K.G. (eds.), *Corallosphere*, world wide web site at <http://corallosphere.org/taxon/1542>.

Non-refereed articles and technical reports

- * **D. Barker** & **D. Campbell** (2011) 'Farmers and weather: making sense of climate change', *CaribXplorer*, 1(4), pp 20-23.

- * **D. Barker** (2011) 'Trinidad, Cuba: a photo tour of the Old Town', *CaribXplorer*, 1(4), pp 38-42.
- * M. Taylor, Kirton, C., **Rhiney, K.**, Rankine, D., & R. Sutherland (2012) 'Climate Change, Agriculture and Food Security Study of the Caribbean', Project co-ordinated by the Climate Studies Group Mona (CSGM) for the UN Food and Agriculture Organization (FAO), 38 pp.
- * **K. Rhiney** (2012) 'Country Report on Status of Agriculture and Fisheries in Jamaica in Preparation for the Rio+20 United Nations Conference on Sustainable Development (UNCSD)', Report prepared for the Ministry of Water, Land, Environment and Climate Change and the United Nations Development Programme (UNDP), 31pp.
- * L.Waller, P. Anglin, **K. Rhiney**, G. Daley, S. Hill, S. Johnson. & A. Walcott (2012) 'Electronic Youth Programmatic Inventory and Gap Analysis,' Report prepared on behalf of the Centre for Leadership and Governance, UWI Mona for the National Centre for Youth and Development (NCYD), Ministry of Youth and Culture (GoJ), 93 pp.
- * S. Gatchair & **K. Rhiney** (2011) 'Jamaica National Youth Mainstreaming Strategy and Manual Documents'. Reports prepared on behalf of the Centre for Leadership and Governance, UWI Mona for the National Centre for Youth and Development (NCYD), Ministry of Youth, Sports and Culture (GoJ), 58 and 35 pp.
- * **A. Lyew-Ayee** (2012) (Ed) 'Celebrating 50 Years of Teaching Geology at the UWI'.

PUBLIC SERVICE

David Barker

- Editor, *Caribbean Geography*.
- Convenor, CAPE Geography.

- Editorial Committee *CaribXplorer Magazine*.
- Caribbean Representative on SEDAAAG (south–eastern regional sub-division of the Association of American Geographers) Executive Steering Committee.
- Editorial Board *Caribbean Quarterly*
- Council member, *Jamaican Geographical Society*
- Member of Scientific Committee advising CEREGMIA, Université des Antilles et de la Guyane in Martinique.
- Interim Board of Directors of Countrystyle Community Tourism Network/Villages as Businesses (CCTN/VAB)

Mike Burn

- Expert judge, Institute of Jamaica’s Earth Day Essay competitions.

Robert Kinlocke

- Vice President, Jamaican Geographical Society

Sherene James-Williamson

- Member, Steering Committee, NEEC/PANOS Caribbean Climate Change Project.
- Vice President, Geological Society of Jamaica
- Member, National Restoration Committee
- Executive Member, The UWI Alumni Association, Jamaica Chapter
- Chairperson, National Environmental Education Committee (NEEC)
- Board Member, Heritage Clubs of Jamaica
- Member, Nature Preservation Foundation – Research and Education Committee

Arpita Mandal

- Technical sub-committee, Water Resources Authority

Simon Mitchell

- Permanent member, Standing Committee for the Caribbean Geological Conference.
- Member, Scientific Committee, International Rudist Congress.

- Chairman, Commission on Jamaican Lithostratigraphy.
- Council member, Geological Society of Jamaica.
- Editor, *Caribbean Journal of Earth Science*.

Kevon Rhiney

- President, Jamaican Geographical Society.
- Technical advisor, Steering Committee for the National Food and Nutrition Security Policy.
- Research Fellow, Centre for Leadership and Governance
- Co-editor, Caribbean Online Atlas
<http://atlas-caraibe.meabilis.fr/>
- Member of Selection Committee for the Prime Minister National Youth Awards 2011
- Associate member, Center for Study and Research Management, Modeling and Applied Informatics (CEREGMIA), Universite des Antilles et de la Guyane in Martinique.
- LICJ Biennial Awards Selection Committee, Ministry of Water, Land, Environment and Climate Change, National Spatial Data Management

Edward Robinson

- Member, Jamaican National Council on Ocean and Coastal Zone Management.
- Fellow, Third World Academy of Science.
- Member, Coastal Education and Research Foundation
- Member of the Board, International Centre for Environmental and Nuclear Science
- Member, Geological Society of Jamaica
- Member, Jamaica Institute of Environmental Professionals
- Member of the Board, Centre for Marine Sciences
- Member, Graduate Faculty, Florida International University, U.S.A.

Tom Stemann

- Council Member, Geological Society of Jamaica

CATEGORIES OF STUDENTS

Undergraduate Students: Geography

Year I:	88
Year II:	39
Year III:	35

Undergraduate Students: Geology

Year I:	100
Year II:	41
Year III:	32

Postgraduates:

MPhil Geography:	5
MPhil Geology:	7
PhD Geography:	8
PhD Geology:	1

DEPARTMENT OF LIFE SCIENCES

Mona Webber, BSc (Hons.) MPhil, PhD *UWI*
– Head of Department

WORK OF THE DEPARTMENT

The Department of Life Sciences (DLS) continues to work towards “sustained excellence” in all our endeavours. To this end we completed the revision of the undergraduate curriculum, rolled-out revised taught graduate programmes and continued to address infrastructural challenges brought on by increased numbers of students throughout the 2011/12 academic year.



Undergraduate Curriculum Reform

The Department was able to complete the major aspects of the process of curriculum reform with the revision of the final year (Level 3) courses and amendments to the previously approved BSc programmes and Majors. In response to enrolled student interest and applicant choices, the BSc in Experimental Biology was returned to the curriculum, replacing the BSc in Tropical Horticulture which is now a Major in Horticulture. BSc in Experimental Biology was the most popular Life Sciences ‘major’ selected by applicants in 2011/12 and the Major with the second largest number of graduates (26) in Life Sciences at the end of 2010/11.

The current curriculum review exercise was completed with 30 new and revised, 3-credit, final year courses being submitted for approval in December 2011 for delivery to students at the start of the 2012/13 Academic Year. The process of changing to 3-credit courses, facilitated the introduction of new courses like: Plant Eco-physiology, Pollution Biology, Sustainable Use of Marine Fishable Resources and Environmental Microbiology. Courses like Biology of Fungi (formerly

Mycology) and the Biology of Soil have been revised and are again a part of the undergraduate curriculum.

The Department of Life Sciences therefore offers, to new advanced students for the 2012/13 Academic year, **BSc Programmes in Environmental Biology and Experimental Biology; Single majors in Animal Biology, Applied Plant Sciences, Horticulture, Marine Biology and Terrestrial and Freshwater Biology. Minors in Conservation Biology, Human Biology and Plant Sciences** complement these majors.

New Graduate Programmes

The revised MSc in Plant Production and Protection (PPP) and MSc in Marine and Terrestrial Ecosystems (MATE) will be offered to students for the 2012/13 academic year. The newly revised MSc PPP was not offered in 2011/12 due to low enrolment, however, 30 applications have been received and indications are that the programme will be taught in 2012/13. The MSc MATE which was taught for the first time as one of the specializations under the Natural Resource Management (NRM) umbrella, started the year with 8 students which was reduced to 5 due to financial issues experienced by students. However, the DLS was able to see some profit due to the shared delivery with the NRM programme.

Student Enrolment

The numbers of students enrolled in **Level 1** Life Sciences courses in 2011/12 increased to the highest ever with Cell Biology (BIOL1017) having 624 students registered by the sitting the final exam and Molecular Biology and Genetics (BIOL1018) having 619 students registered (up from 534 in both in the 2010/11 Academic Year). Additional laboratory spaces were created by having evening laboratory sessions from 6 to 9 p.m., two evenings per week. A Saturday lab stream was impossible as many of the students were admitted late and were already in Saturday labs for other courses. The evening laboratory stream turned out to be very popular especially with students who live on or near the Campus, and these laboratory spaces were filled by Semester 2.

The numbers in **Level 2** courses were almost identical to the previous year with courses having between 81 (AGSL2401 – Soil and Water management) and 166 (BIOL2401 – Research Skills and Practices in Biology) students. At **Level 3** the numbers from the previous year were maintained and enrolment ranged from 26 to 56 (across 24 courses). A larger 2nd year is expected in 2012/13 and so laboratory space is being explored for the Life Sciences core courses: Research Skills and Practices in Biology (Semester 1) and Principles of Ecology (Semester 2). To this end, the Aquatic Sciences laboratory is being expanded and funds are being sought to expand the Biology Lecture Theatre in preparation for the 2012/13 academic year.

Undergraduate Teaching & Student performance:

Life Sciences currently has a complement of 15 full-time lecturing staff (plus four on contract for services for the delivery of the Agriculture courses), delivering 23 courses in Semester 1 and 24 courses in Semester 2. 100% of lecturers and courses in Semesters 1 and 2 received course assessments of > 3.0. However, the % of lecturers and courses with ratings =4.0 were down to 67/60% of lecturers/courses in Semester 1 and 72/56% of lecturers/courses in Semester 2. At the graduate level all lecturers and courses were rated at =4.0 by students in both semesters. Of note is the achievement of scores of 5.0 by Dr. Karl Aiken in the BIOL6413 Graduate course.

The Level 1 courses had high percentage passes in 2011/12 academic year with the second semester Diversity of Organisms courses (BIOL1262 and BIOL1263) averaging 86 and 79%, respectively. The Semester 1 courses (BIOL1017- Cell Biology and BIOL1018- Molecular Biology & Genetics) had lower % passes (64 and 69%, respectively) but also showed improvement when all sections were averaged. We continue to put emphasis on tutorial attendance with graded tutorial exercises (weekly quizzes). The issues with marking of the quizzes have been solved by varying the structure of the quizzes where appropriate and using more graduate students to assist with this exercise.

The performance of students at Level 2 was carefully reviewed at the end of the 2011/12 Academic year as the new 3-credit courses, designed as

part of the curriculum reform, were offered for the first time. The results showed widely ranging % passes over the two semesters, from 95% pass by students in the Research Skills and Practices in Biology to 41-51% pass by students in the Animal Form and Plant Form courses. The DLS has discussed the reason for such low % passes in these two new courses and will seek to give attention to the issues as expressed by both students and lecturers. However, the courses will need to be run for one more year with a new cohort of students before they can be deemed to be in need of major revision. The examination structure of especially the Plant Form will be reviewed.

Postgraduate research and teaching

The number of students entering new MPhil/PhD programmes was again low in 2011/12 with three MPhil and one PhD student commencing higher degree programmes.

A record number of 13 MPhil students completed their degrees in 2011/12. The graduation exercise of November 2011 saw 35% of higher degrees being accounted for by Life Sciences.

The degree specialization, names and supervisors of those completing in this reporting period are given below.

MPhil Botany

BENNETT, Stacy- Marie	Prof. Paula Tennant
POWELL-BENNETT, Kashena	Dr. Dwight Robinson
McLYMONT, Peter	Dr. Jane Cohen
MEIKLE, Judeen	Dr. Jane Cohen
STEEN, Sanya	Dr. Jane Cohen
	Prof. Nouredine Benkeblia

MPhil Marine Sciences

HENRY, Ainsley	Prof. Dale Webber
WILMOT, Inilek	Prof. Dale Webber

MPhil Zoology

AINSWORTH, Peter

Prof. Dale Webber

FOSTER, Alison

Dr. Mona Webber

KENNY, Ivana

Dr. Judith Mendes

LUE, Kristoffer

Dr. Mona Webber

OLIPHANT, Zahra

Dr. Eric Hyslop

ROBINSON, Marsha

Drs. Costas Zachariades

(ARC, South Africa)

Dwight Robinson

Jane Cohen

WHYTE, Damion

Dr. Eric Garraway

A second cohort of ten MSc Marine and Terrestrial Ecosystems (MaTE) and nine MSc in Plant Production and Protection (PPP) students graduated in November as follows:

MSc Marine and Terrestrial Ecosystems

Patrice Francis (Distinction), **Simone Lee** (Distinction), **Helen Liu** (Distinction), Swayne Beckles, Sheree Broomfield, Anya Duncan, Leon Grant, Stacy Maxam, Ricardo Miller and Ryan Warburton

MSc Plant Production and Protection

Camille Marks (*Distinction*), Glenville Hall, Nordia Hamilton, Shanae Marks, Aliza Lindo, Narado Richards, Carlton Spencer, Marcia Stamp-Brown.

Summer School

The DLS summer school was again very efficiently managed by our summer school coordinator, Dr. Tannice Hall. 400 students were registered for, and sat 35 courses with the average % pass being 80. Many of the courses were 'exams-only' sittings of previously offered courses and several had students who qualified for special re-sits of the Semester 2 courses. This accounts for the increase from 367 students sitting 28

courses in the previous year. Summer School continues to be the major source of income generation for the Department and also provides the opportunity for students to complete their degree in a timely fashion. The summer semester also facilitates the offering of Diving Technology for Aquatic Scientists, Internship and Research Project courses which are difficult to schedule in the normal semesters.

Infrastructure and equipment

Projects are on-going to maximize use and increase efficiency of spaces (laboratories and seminar rooms) in the DLS. The Molecular Biology/Virology laboratory now seats 60 students, up from 20 in 2010/11, and the Aquatic Sciences lab is to be increased from a capacity of 40 to 60 students. The latter will therefore be available for use by second year courses which have multiple streams of 60 students each.

Port Royal Marine Laboratory

The Port Royal Marine Laboratory continues 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 includes weekly visits of 30 – 50 Marine Ecology, Coral Reef Biology and Fisheries Ecology UWI Mona Campus students. In addition, 45% 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 Project came to an official close on November 30, 2011 however the facility created by an Environmental Foundation of Jamaica - EFJ grant and Central Campus funds, continued in its second full year of existence to host large numbers of staff and students from a range of educational institutions across Jamaica. Numbers of visitors to the facility in 2011/12 were 2758 (down from 3655 in 2010/11). The 897 less visitors than the previous year we believe was due in part to financial constraints with parents being unable to afford all the costs associated with school trips which include tours, transportation and food, and so the experience is being limited to those children whose

parents can afford the activity. The PRML Biodiversity Centre is therefore seeking funding from the Disney Foundation and the Bill and Melinda Gates foundation to provide food and transportation for children from schools and societies across Jamaica who may not be able to afford to visit the facility.

The Port Royal Marine Laboratory also benefited from the purchase by the Campus of a 32' Eduardono vessel named *Monacanthus*, which is used for taking visitors into the Port Royal mangroves and facilitates classes of UWI Mona students who use the facility on a weekly basis.

In addition to the over 40 schools and colleges in Jamaica, UWI students and staff, other visitors to and users of the facility during 2011/12 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.

Centre for Marine Sciences - Caribbean Coastal Data Centre and Discovery Bay Marine Lab

The 2011- 2012 academic year was productive as it saw the Centre for Marine Sciences under the leadership of Director Professor Dale Webber acquiring new equipment to help fulfil its mission of engaging in research, training and outreach in Caribbean Marine Sciences.

Research conducted in the Marine Invasive Species Lab at the Discovery Bay Marine Laboratory (DBML) lead by Dr. Dayne Buddo was enhanced by the provision of dedicated research vehicle by the Scotiabank Jamaica Foundation to facilitate the island wide coverage of the Lionfish control project. This research area which received valuable assistance from five interns over the year encompassed, Lionfish potential trap methods, associated public health risks, prey preferences and island wide distribution patters with the Montego Bay Marine Park as a notable partner. Research contacts with NOAA, Mote Marine Laboratory and Florida International University continue to provide international research opportunities.

The DBML guided by Principal Scientific Officer Peter Gayle secured a J\$21M grant through the Forest Conservation Fund towards the Limestone Forest Conservation Project. The project will research and showcase ecosystem function by demonstrating the interdependence of coastal habitats with best practices regarding terrestrial activities, coral reef preservation and fisheries management.

Coral Reef research from the Caribbean Coastal Data Centre (CCDC) within the Centre for Marine Sciences facilitated island-wide Reef Check monitoring in Negril (two sites), Wreck Reef and Drunkenman's Cay while continuing data analysis for video monitoring of CPACC sites (Discovery Bay, Port Royal and Portland) conducted by NEPA. Some of these activities were included in the CMS presentation at the prestigious International Coral Reef Symposium (ICRS) in Australia by Marcia Creary, Environmental Data Manager in the CMS. Finally the research in modeling developed by Ph.D. candidate Orville Grey in collaboration with Florida International University and The Nature Conservancy provided platforms for decisions on natural resource conservation using the Soil Water Assessment Tool (SWAT) in the Caribbean Coastal Scenarios Project.

In the 2011-2012 year the DBML was successful in replacing the 36 year old recompression chamber with a new Hyperbaric Chamber courtesy of funds (€280,000) from the University of the West Indies Mona Campus and the Tourism Enhancement Fund. It remains the only functional unit in the island and boasts cutting edge technology in hyperbaric treatment. Several staff members were trained and a revised Standard Operating Procedure which offers increased legal protection to UWI, was implemented.

DBML continued to host visitors from several primary, high schools and well as US colleges and universities. The number of visitors for the year increased by 53.47% compared to last year. The Summer Eco-Camp directed by Administrative Officer Pamela Housen was held under the theme "Climate Change; a Hot Topic" and saw 88 Campers participating.

During the year, the Centre for Marine Sciences produced the National Ballast Water Strategy for the government of Jamaica, a regional lionfish

book for control and management as well as state of Caribbean Marine Environment report to seven Caribbean countries through the TNC led Caribbean Challenge Initiative.

DLS Staff developments and Research activity highlights

The 2010/11 academic year began with the retirement of Professor Phyllis Coates-Beckford and the continued secondment of Professor Dale Webber to the ISD - Environmental Management Unit. Drs Karl Aiken and Eric Hyslop returned from sabbatical at the start of 2011/12. Dr Hyslop immediately took up the post of Associate Dean Student Matters in the Faculty and Professor Ralph Robinson continued to serve as Deputy Dean of the Faculty of Science and Technology.

The Department is proud of the sterling contributions made by our staff to the Faculty and Campus, however, we do feel the shortage of human resources as we attempt to respond to research, teaching and outreach associated with the various areas of the Life Sciences. The impact of senior staff being assigned heavy administrative duties and absence of replacements in key areas is deleteriously affecting the research and teaching core functions of the Department. The Department's key research areas: Applied Plant Sciences, Animal Biology/Physiology, Marine Biology & Ecology, Terrestrial/Freshwater Ecology & Conservation and Horticulture/Agriculture are aligned to our new majors. Deficiencies exist in the Animal and Plant Sciences areas. We have therefore sought and received permission to advertise and fill two new positions (Lecturer/Senior Lecturer in Applied Plant Sciences and in Whole Animal Physiology), this as we seek to maintain our research, teaching and outreach at a high standard and move towards a level of excellence.

During 2011/12 academic year, **Dr. Paula Tennant** was promoted to the rank of Professor with her title being **Professor of Molecular Plant Pathology**. Several staff members made progress in being re-appointed with tenure and crossing the bar and merit bar, respectively.

Research Days 2012 Awards: Three members of staff (names highlighted) and one graduate student received awards as follows:

- **Dr. Byron Wilson** (for best researcher in the Faculty, shared with Dr. Michael Taylor in Physics)
- **Professor Nouredine Benkeblia** (for best publication- book)
- **Dr. Kurt McLaren**, Mr. C. Adit Sharma (Graduate student) and **Dr. Byron Wilson** (for best research article in the Faculty)

Research Output (Publications)

I am very pleased to report that the 2011-2012 research output of the department consisted of 31 referred publications, 29 conference presentations and 6 non-refereed articles/technical reports. The crude average, based upon 14 permanent academic staff at Mona and 4 at Principal Scientific Officer level or above, a total of 18 staff producing in these categories, gives 3.66 publications per staff member when all categories of publications are considered (total = 66). This shows marked improvement over the average of 2.4 publications from the previous year. When referred publications (books and journal articles are considered) the average for the Department is 1.7 which again shows improvement over the 1.3 reported for 2010/11. The number of conference presentations (which were 17 in 2010/11), have increased to 31 in 2011/12, the latter occasioned by the staging of the Faculty Conference in the reporting period. However, there was overall a substantial increase in the average publications per academic staff in the 2011/12 academic year.

Targets indicated for 2011/12 in the 2010/11 Annual Report were:

- To complete the reform of the Undergraduate curriculum with Level 3 courses being reviewed.
- Review the MPhil and PhD graduate programmes so as to improve the quality of the experience for students and through-put.
- To revive the annual staff review process with emphasis on the goal setting sections, and focus on specific goals in the areas of research (especially in areas of national relevance), publications and grant acquisition.

- To improve collegiality through facilitating visiting colleagues from other universities and increasing the numbers of seminars, workshops and research presentations held in, or facilitated by the Department

These targets, while not fully achieved, have been substantially achieved. The Level 3 curriculum reform has been completed, the PhD and MPhil review, begun and there has been substantial improvement in the productivity of staff in the area of publications and research grant acquisition. However, we believe there is still work to be done in the following areas which will form our targets for 2012/13:

- Improvement in the quality of the experience and training for MPhil and PhD students as well as increasing the ratio of PhD: MPhil's in the Department.
- Improved collegiality through the regular hosting of or participation in seminars/workshops/international conferences.
- Engagement, training and empowering of administrative and technical staff in the Department.

PAPERS PRESENTED

- **Benkeblia, N.** (2011). Organic farming in tropical agro-ecological system: Case study of Jamaica. 47th Annual Scientific Meeting of the Caribbean Food Crops Society (CFCS), Bridgetown, Barbados, July 3-9, 2011.
- **Benkeblia, N.** (2012). Current status of sites and devices. Network of regional schemes for a Caribbean Agroecology. 2nd CAWAI Workshop, Guadeloupe, France, March 12-15, 2012.
- Emanuel, M.A. and **Benkeblia, N.** (2012). Variation of saccharides and fructo-oligosaccharides (FOS) in carambola (*Averrhoa carambola*) and june plum (*Spondias dulcis*) during ripening stages. 7th International Symposium, Kuala Lumpur, Malaysia, June, 24-29, 2012 (Oral).

- Emanuel, M.A. and **Benkeblia, N.** (2012). Variation of reducing and total sugars, total phenolics and anthocyanins in otaheite (*Syzygium malaccense* L.) during three “on tree” ripening stages. 7th International Symposium, Kuala Lumpur, Malaysia, June 24-29, 2012 (Poster).
- **Emanuel, M.** and **Benkeblia, N.** (2012) Variation of total phenolics, anthocyanins, and antioxidative capacities in Otaheite apple (*Syzygium malaccense*) during different ripening stages. 9th Conference of the Faculty of Pure and Applied Sciences, U.W.I., Mona, April 13-15, 2012.
- Emanuel, M.A. and **Benkeblia, N.** (2012). Variation of reducing and total sugars, total phenolics and anthocyanins in ribena (*Syzygium cumini*) during five “on tree” ripening stages. 7th International Symposium, Kuala Lumpur, Malaysia, June 24-29, 2012 (Poster.)
- Emanuel, M.A. and **Benkeblia, N.** (2012). Variation of reducing and total sugars, total phenolics and anthocyanins in star Apple (*Chrysophyllum cainito*) during three “on tree” ripening stages. 7th International Symposium, Kuala Lumpur, Malaysia, June 24-29, 2012 (Poster).
- Lee, S, **D. Buddo** and K. Aiken. 2011. Habitat Preference of the Invasive Lionfish (*Pterois volitans/miles*) in Discovery Bay, Jamaica: Use of GIS in Management Strategies. 64th Annual Conference of the Gulf and Caribbean Fisheries Institute, Cancun, Mexico, November 4-7, 2011.
- Moonsammy, S, **Buddo D.** and Seepersad, G. 2011. Assessment of the Economic Impacts of the Lionfish (*Pterois volitans*) Invasion in Jamaica. 64th Annual Conference of the Gulf and Caribbean Fisheries Institute, Cancun, Mexico, November 4-7, 2011.
- Morris, J.A., Jr., L. Akins, **D. Buddo**, S. Green, and R. Lozano, 2011. Strategies and practices for invasive lionfish control. 64th Annual Conference of the Gulf and Caribbean Fisheries Institute, Cancun, Mexico, November 4-7, 2011.

- Rankine, D.R., M.A. Taylor, **J.E. Cohen**, L.A Simpson and A.A. Murray. 2012. Towards parameterization of the FAO AquaCrop Model for rain-fed and irrigated sweet potato, *Ipomoea batatas*. FAO/IAEA International Symposium on Managing Soils for Food Security and Climate Change Adaptation and Mitigation, July 23-27, 2012, Vienna, Austria. Poster. IAEA-CN-191/116P.
- Rankine, D.R., **J.E. Cohen**, M.A. Taylor, L.A. Simpson, J.L. Lawrence and A. Murray. 2012. Improving yield estimation in a changing climate for root and tuber crops: the case of sweet potatoes, *Ipomoea batatas*. Jamaican Society for Agricultural Sciences 21st Annual Conference, June 6, 2012, Bodles, St. Catherine, Jamaica. Abstracts booklet.
- Reid, N.T.P. and **J.E. Cohen**. 2012. Weed management benefits of soil solarisation in Jamaica: solarisation in the warm dry months can reduce weed pressure in the succeeding rainy season. Jamaican Society for Agricultural Sciences 21st Annual Conference, June 6, 2012, Bodles, St. Catherine, Jamaica. Abstracts booklet.
- McLymont, P.E. and **J. Cohen**. 2012. Investigations on Jamaican pomegranate (*Punica granatum*): comparisons of vegetative propagation, flowering and fruit:juice ratio with commercial varieties. Jamaican Society for Agricultural Sciences 21st Annual Conference, June 6, 2012, Bodles, St. Catherine, Jamaica. Abstracts booklet.
- **Hyslop E.** 2012 Research in freshwater Ecology in Jamaican overview of the past 15 years of research. Freshwater Biological Association Annual Conference, University of Glasgow, Scotland. July 10-11, 2012.
- **Robinson, R.D.**, Lindo, J.F., Waugh, C., Brown, P. and Todd, C. (2011). Angiostrongyliasis in Jamaica: 1994 to present. Rat Lungworm Disease Workshop, University of Hawaii, Honolulu, August 16-18, 2011.

- **Todd, S-R. K. Prospere** and **E. Hyslop** (2011). Predictive distribution modelling as an environmental management tool: a case study of *Cherax quadricarinatus* in Jamaican Rivers. Jamaican Institute of Environmental Professionals, 5th Biennial Conference. May 2011
- **Webber, D.F.** 2012. The status and trends of marine and coastal resources across the Insular Caribbean; treats actions and requirements. The *Caribbean Challenge Initiative* first Senior Officials Meeting (SOM1), Kingston, Jamaica, July 10-11, 2012.
- **Webber, M.** 2011. Biodiversity and plankton of Jamaican bays and harbours: what do we know of our resident fauna? National Ballast Water and Marine Invasive Species workshop. 2011. Kingston.
- Wilson, B. S., and R. van Veen. 2011. Jamaican Iguana Recovery Project, 2011 Update. IUCN/SSC Iguana Specialist Group annual meeting, Antigua, Guatemala.

Ninth Conference: Faculty of Pure and Applied Sciences, The University of the West Indies, Mona, April 13-15.

- Mitchell, A.; **Webber, M.**; **Buddo, D.** and **Webber, D.** 2012. Oceans under threat: A study of ballast water stowaways entering a Jamaican Port.
- Rankine, D.R., M.A. Taylor, **J.E. Cohen**, L.A. Simpson, J. Lawrence and A. Murray. 2012. Assessing drought tolerance in rain-fed and irrigated crop production - the case of sweet potatoes, *Ipomoea batatas*.
- **Jones, A. D. and E. Hyslop** - Risk Classification of the Non-Indigenous Fish Species of Black River: Application of the Fish Invasiveness Screening Kit (FISK)
- **Mendes, J.** R. Reid and J. Douek - Population Structure and Genotypic Diversity of the Endangered Caribbean Coral *Acropora*

palmata in Barbados: The Implications for Conservation and Restoration.

- Lindo, **A and D. E. Robinson** - An Assessment of the Flowering Pattern of *Theobroma cacao* L. In Four Major Cocoa Producing Parishes in Jamaica and the Effect of Shoot Age and Shade on the Relative Abundance.
- Todd, **S-R., J. Meikle, K. Prospere and E. Hyslop** - How Many and How Far? Using Species Distribution Models for Research in Jamaica.
- **Williams, S., R. Bennett and D. E. Robinson**, Raymond Reid - The Persistence of Deltamethrin And Lambda-Cyhalothrin on Callaloo under Natural Field Conditions in Jamaica and During Post-Harvest Storage and Processing.
- **Thomas, L., Williams, K., Coates-Beckford, P.** and Tennant, P. (2012) *Alternaria* leaf spot on pumpkin in Jamaica.
- Johnson, J. N., **B. Wilson**, and **R. Robinson**. 2012. Surveillance of the parasitic fauna of the cane toad, *Bufo marinus* (Anura: Bufonidae), Mona, St. Andrew, Jamaica.

PUBLICATIONS

Refereed

Books, Book Chapters and Monographs

- * **Benkeblia, N.** 2012. (Editor) Sustainable Agriculture and New Technologies. CRC Press. 560 pp.
- * Hewett, E.W., Aldous, D.E. and **Benkeblia, N.** (Editors) (2012). XXVIII International Horticultural Congress on Science and Horticulture for People (IHC2010): VI International Symposium on Horticultural Education, Research Training and Consultancy, *Acta Horticulturae* # 920, ISHS, Leuven, Belgium, 175 p.
- * **Benkeblia, N.** 2012. (Editor) Omics technologies: Tools for food Sciences. CRC Press, Boca Raton (FL), 421 p.

- * **Benkeblia, N.** 2012. Metabolomics and food science: Concepts and serviceability in plant food and nutrition. In: Benkeblia N (ed.). Omics technologies: Tools for food Sciences. CRC Press, Boca Raton (FL), pp. 57-76.
- * **Benkeblia, N., Tennant, P., Jawandha, S.K. and Gill, P.S.** 2011 Pre-harvest factors influencing fruit quality after harvest. In: Yahia EM and Brecht JK (eds.). Postharvest Biology and Technology of Tropical and Sub-Tropical Fruits. Volume 1. Woodhead Publishing, Cambridge. pp 112-141
- * **Benkeblia, N.** (Guest Editor) (2011). Special issue: Potato 5. *FOOD, GSB Publisher*, Isleworth (UK), 5(1), pp. 1-101.
- * **Benkeblia, N.** (2011). Mining omic technologies and their application to sustainable agriculture and food production systems. In: **Benkeblia, N.** (Ed.). Sustainable Agriculture and New Biotechnologies. *CRC Press*, Boca Raton, FL, pp. 117-148.
- * **Benkeblia, N.** (2011). The world of edible Alliaceae. In: Lal, R. (Ed.). *Encyclopedia of Life Support Systems (EOLSS): Agricultural Science*. EOLSS Publishers, Oxford, UK, [<http://www.eolss.net>]
- * Emanuel, M. A. and **Benkeblia, N.** (2011). Ackee fruit (*Blighia sapida* L.). In: Yahia, E.M. (Ed.). Postharvest biology and technology of tropical and subtropical fruits. Vol. 2. Woodhead Publishing, Cambridge (UK), pp. 54-64.
- * Droby, S., Wisniewski, M. and **Benkeblia, N.** (2011). Postharvest pathology and strategies for decay control. In: E. M. Yahia (Ed.). Postharvest Biology and Technology of Tropical and Sub-Tropical Fruits. Volume. 1. *Woodhead Publishing*, Cambridge, 194-223.
- * Lindo, J.F., Waugh, C., Todd, C., Brown, P., and **Robinson, R.D.** (2011). The emergence of *Angiostrongylus cantonensis* as a cause of eosinophilic meningitis in Jamaica: Progress and pitfalls. In: Angiostrongylus and angiostrongyliasis – Advances in the disease, control, diagnosis, and molecular genetics. P.

Eamsobhana (ed.) pp. 27-31. Wattanakij Panich Press, Bangkok.

- * **Tennant P**, Fermin, G, Fisher L, Fuchs, M (2011). Virus diseases of fruit crops. In: UNESCO-EOLSS Joint Committee (eds) Agricultural Sciences. Encyclopedia of Life Support Systems (EOLSS) Publishers, Oxford, UK, [<http://www.eolss.net>]
- * Maxam, A. and **Webber, D.** 2011. The Hydrodynamic Modelling of Reefal Bays – Placing Coral Reefs at the Center of Bay Circulation, Hydrodynamics - Natural Water Bodies, Harry Edmar Schulz, André Luiz Andrade Simões and Raquel Jahara Lobosco (Ed.), InTech, Available from: <http://www.intechopen.com/books/hydrodynamics-natural-water-bodies/the-hydrodynamic-modelling-of-reefal-bays-placing-coral-reefs-at-the-center-of-bay-circulation>

Refereed Research and Review Articles

- * **Aiken, K.A.** 2012. Our Men Who Served- Selected Stories of Jamaican Airmen in World War II. Life & History section, *The Jamaica Journal*. Vol. 33 (3):22-31.
- * Meggs, L.G., R.D.Steele & **K.A. Aiken.** 2011. Settlement patterns of spiny lobster (*Panulirus argus*) postlarvae on collectors in Jamaican waters and culture of juveniles. Proc. 63rd Gulf & Carib. Fish. Instit. Nov. 1-5, 2010, Puerto Rico: 472-481
- * **Benkeblia, N.** (2012). Role of Horticulture in Agriculture Development and Food Security in Jamaica. *Acta Horticulturae*, 921: 43-48.
- * Emanuel, M. A. and **Benkeblia, N.** (2012). Variation of color, reducing and total sugars, total Phenolics and chlorophylls in carambola (*Averrhoa carambola*) during five “on tree” ripening stages. *Acta Horticulturae* 932: 285-290.

- * **Benkeblia, N.** (2012). Accumulation of total and reducing sugars in the green leaves and bulb tissues during growing and bulbing of onion (*Allium cepa* L.). *Acta Horticulturae* 932: 291-294
- * **Hyslop, E.J.** & Hunte-Brown, M. 2012. Longitudinal variation in the composition of the benthic macroinvertebrate fauna of a typical North coast Jamaican river. *Rev. Biol. Trop. (Int. J. Trop. Biol.)* Vol. 60 (1): 291-303.
- * **Hyslop, E. J.** and Nesbeth, D. A. 2012. The effects of bauxite/alumina waste on the composition of the benthic macroinvertebrate community of the Rio Cobre, a major river in Jamaica. *Biota Neotropica*. April/June 12(2)
- * Lanigan, A. C. and **E. J. Hyslop** (2011) The Aquatic and Semiaquatic Hemiptera of Jamaica. *Journal of Freshwater Ecology*. 26(2) 295-297
- * **Hyslop E. J.** (2011). *Pomacea diffusa* (Blume 1957), a new addition to the freshwater malacofauna of Jamaica. *Aliens newsletter* 4 (2),2
- * McKoy, S.A.; **E. J. Hyslop** and **R. D. Robinson** (2011) Associations between two trematode parasites, an ectosymbiotic annelid, and *Thiara (Tarebia) granifera* in Jamaica. *Journal of Parasitology* 97(5):828-832.
- * Olarte Castillo XA, Fermin G, Tabima J, Rojas Y, **Tennant P**, Fuchs M, Sierra R, Bernal AJ, Restrepo S (2011) Phylogeography and molecular epidemiology of Papaya ringspot virus. *Virus Research* 159: 132-140
- * Foster, N. L., Paris, C. B., Kool, J. T., Baums, I. B., Stevens, J. R., Sanchez, J. A., Bastidas, C., Agudelo, C., Bush, P., Day, O., Ferrari, R., Gonzalez, P., Gore, S., Guppy, R., Mccartney, M. A., McCoy, C., **Mendes, J.**, Srinivasan, A., Steiner, S., Vermeij, M. J. A., Weil, E. And Mumby, P. J. (2012). Connectivity of Caribbean Coral Populations: Complementary Insights from Empirical and Modelled Gene Flow. *Molecular Ecology*, 21: 1143-1157.

- * Holmes, I., **K.P. McLaren** and B.S. Wilson (2012). Surveys for Frog Diversity and Batrachochytrium dendrobatidis in Jamaica. *Herpetological Review*, 43, 278-282.
- * Rose, P.E., **D.F. Webber** and T. Commock. 2011. The Use of Open Source Technologies in Developing Botanical Databases. *Acta Hort.* (ISHS) 894:153-159
- * Elliott, T. Persad, G. and **Webber M.K.** (2012) Variation in the colonization of artificial substrates by mangrove root fouling species of the Port Royal mangrove lagoons in the eutrophic Kingston Harbour, Jamaica. *Journal of Water Resource and Protection* (JWARP). *Journal of Water Resource and Protection*, 2012, 4, 377-387, June 2012 (<http://www.SciRP.org/journal/jwarp>)
- * **Wilson, B., Edwards, T., and R. Powell.** 2012. **Pages 126-128** in: Island lists of West Indian amphibians and reptiles (R. Powell and R. W. Henderson, Eds.). *Bulletin of the Florida Museum of Natural History* 51(2):85–166.

Technical reports and Non-refereed Articles

- * Trench, C. and **Webber, M.** 2012. Coastal Plants Nursery Manual. P.R.M.L. Publication # 10. 65 pp. March 2012.
- * **Webber, M.K.** 2011. The Mangrove Ecosystem: A Biodiversity Hot-Spot. In Research for Development - 2011. Pp 58 – 61. University of the West Indies, Mona Campus Research Day Publication.

Workshops Attended

- * **Dr Karl Aiken** attended the 64th Annual Gulf and Caribbean Fisheries Institute conference in Mexico (October 30, 2011) and presented a paper on “*Creating a Fish Sanctuary Network in Jamaica, West Indies.*” The paper is co-authored by Stephen Smikle, Andre Kong and Oliver Squire (Fisheries Division- MOA).

- * **Dr. Kurt McLaren** attended the BioSonics Hydroacoustic Assessment Workshop in Seattle (Sept 12-14, 2011) and the rotomotion UAV flight training workshop in Charleston South Carolina (September 22-23).
- * **Prof. Ralph Robinson** attended the Rat Lungworm Disease Workshop, University of Hawaii (August 16-18, 2011), Honolulu. A paper Robinson, Lindo, Waugh, Brown & Todd 2011. Angiostrongyliasis in Jamaica: 1994 to present was presented, and an information-based website for the conference created.
- * **Dr. Byron Wilson** was the keynote speaker at the EFJ 7th Annual Public lecture on October 20, 2011. Lecture title: *On the brink of Extinction: Saving Jamaica's Vanishing Species*. The event was reported to be EFJ's best lecture of the series. The work of the DLS in the areas of Habitat/ Species conservation and Environmental Education was well presented and received.

INCOME GENERATION

Research grants:

Dr. Karl Aiken

- Research grant for **J\$1,025,000**. from the Natural Resource Conservation Authority (NRCA) to conduct a survey of the sea cucumbers in Jamaican waters with emphasis on species being collected for export.

Dr. Mona Webber

- EU/UNEP/GOJ Climate Change Adaptation and Disaster Risk Reduction project (NEPA) for the expansion of mangrove nurseries at Port Royal and Discovery Bay Marine Laboratories **US\$30,000.00**. June 2012.
- Forest Conservation Fund- FCF grant for **J\$4,626,000.00** with Mr. Camilo Trench (Scientific Officer, DBML) to investigate and conduct re-forestation of critical coastal forest areas around

Jamaica. Phase 1: Nursery expansion to DBML and selection of critical areas for mitigation. December 2011.

Dr. Byron Wilson

- Mohamed bin Zayed Species Conservation Fund (**US\$10,000**); Co-PI with PI M. Welsh): Conservation genetics of three *Cyclura* species (on-going).
- Disney Worldwide Conservation Fund (**US\$25,000**); submitted through International Iguana Foundation): Conservation of the Jamaican Iguana (on-going).
- Fresno Chaffe Zoo Conservation Fund (**US\$1213**); Co-PI with PI T. Grant): Genetic analysis of the Jamaican iguana (on-going).

Departmental Income Generating Activities

Activity/Programme	Income (J \$)
Lab Space/Bus Rental	608,000.00
Sale of Lab Manuals	1,058,488.00
Summer School	5,692,500.00
DLS Consultancy	659,900.00
Port Royal Consultancy (BDC)	1,014,014.95
Documentation Centre	388,294.00
MSc Programmes: MATE	2,605,000.00
PPP	120,000.00 (no new registrations)

PUBLIC SERVICE

Dr Karl Aiken

- Member, Caribbean Maritime Institute (CMI)
- Member, Board of Directors & Chair, CMI Academic Council
- Member, CITES Scientific Authority of Jamaica

- Fisheries Advisory Board, Ministry of Agriculture & Fisheries (Board member & Chair of Fish Sanctuaries sub-committee)

Prof. Nouredine Benkeblia

- Member, Editorial Board of: *OnLine Journal of Biological Sciences*.
- Editor-in-Chief, “*Journal of Food Processing and Technology*”, Omics Group Publishing, CA, USA.
- Member, Editorial Board, Recent Patents on Food, Nutrition & Agriculture Bentham Publisher
- Serial Editor, Potato Issues & Serial Editor of Citrus Issues Global Science Publisher
- Chairperson, **SERT** (Roots and Tubers Section), International Society for Horticultural Science
- Editor, journal: *Agricultural Science Research Journal*.
- Member, Editorial Board, *Journal of Food Technology & Processing*

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 partnership
- Board of Education, East Jamaica Conference of SDA

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

- Acting-Chair, CITES Scientific Authority of Jamaica:
- Member, Alien Invasive Species Working Group
- Member, Consultation Group for Pest Risk Analyses of National Plant Protection Organization, Jamaica
- Member, Plant Conservation Group, National Environment and Planning Agency (NEPA)
- Advisor (in weed control and plant nutrient analyses), Banana Board Research Department.
- Member, Jamaican Society for Agricultural Sciences.
- Member, Jamaica Organic Agriculture Movement.

Ms. Marcia Creary

- Chairperson, National Biodiversity Clearing House Mechanism Steering Committee
- Immediate Past President, JIEP
- Acting Treasurer, University Sub Aqua Club
- Member, FCF Technical Review Committee
- Member, Diving sub-group, National Council on Oceans and Coastal Zone Management
- Member, Marine Geology Unit Photo Database Advisory Committee
- Member, International Society for Reef Studies

Mr. Peter Gayle

- Member, Diving sub-group, 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

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, *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 (NCO CZM) Ministry of Foreign Affairs and Foreign Trade
- Chair, Diving Sub-Group of the National Council on Ocean and Coastal Zone Management
- 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, University of Technology BSc Degrees in Biological Sciences

Dr. Byron Wilson

- Member, IUCN SSC Iguana Specialist Group
- Member, IUCN SSC Amphibian Specialist Group
- Member, IUCN SSC Boa and Python Specialist Group
- Member, IUCN SSC Small Mammal Specialist Group
- Member, Working Group on Invasive Species, NEPA
- Member, Crocodile working group (NEPA)

Students – Graduates up to Summer School 2011/12

Class of Degrees		Types of Degrees 2010/2011 Graduates		
I	2			
II i	8	1	Botany Major	9
II ii	51	2	Zoology Major	13
Pass	35	3	Marine Biology Major	13
Total	96	4	Experimental Biology Double Major	25
		5	Environmental Biology Double Major	27
		6	Biology with Education	2

Departmental Prizes to students

- Kimone Johnson** - The Don Skelding Prize -
Best Preliminary Biology Student
- Sashonie Goodwin** - The Sasikala Potluri Prize-
Best student in Seed Plants
- Damion Neath** - The L. B. Coke Prize -
Best Plant physiology student
- Shelly-Ann Stephenson** - The Charlotte Goodbody Prize -
Best 1st year student
(Semester 1 courses)
- Camilla Campbell** - The Avinash Potluri Prize -
Best 1st year student
(Animal Diversity)
- Randy Aird** - The Devi Prasad Prize -
Best 1st year student
(Plant Diversity)
- Rowan Newman** - The Vincent Hugh McKie Prize
in Zoology (2nd year)
- Kimani Kitson-Walters** - The Ivan Goodbody Prize-
Best Marine Biology major (2nd year)

DEPARTMENT OF MATHEMATICS

Professor Alexandra Rodkina, MPhil, PhD, *Kiev, DSc Moscow*
– Head of Department

HIGHLIGHTS

As at July 2011, the teaching staff of the Department of Mathematics comprises of 1 Professor, three senior lecturers, six lecturers, and three assistant lecturers. Among them there are six 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, and a Fellow of the Society of Actuaries, and one person is a Fellow of the Institute of Actuaries (UK).



This year (2011/2012), for the first time, mathematics major students at the Level 1 have been required to read 3-credit courses, MATH1141, MATH1142, MATH1151 and MATH1152, as stipulated by the Faculty in its curriculum reform. In addition to these courses, the Department has offered the first year course, MATH1185, tailored to the needs of the Departments of Physics and Chemistry. To further service the Faculty of Pure and Applied Sciences, we have been offered a first year statistics course, STAT1001. This year we will start teaching new 3-credits second year courses: MATH2401, MATH2403, MATH2410, MATH2421.

The department continued to offer 2 special 3-credit courses for the Engineering students: MATH1180 and MATH2230. It also taught a newly created course by the Department of Computing mathematical course COMP1110.

This summer the department started the Internship programme for the Actuarial students.

The Department obtained approval at the Faculty level of all its third level 3-credit courses (pending approval of AQUAC), which are expected to be offered in September 2013.

Four new revised programmes were approved by AQUAC to be taught starting from September 2012.

As long as the staff-complement remains unchanged the student numbers continue to increase, the department will remain in a less than desirable position with higher than acceptable students/staff ratios. Recently, the Department tried to address this problem at level one by introducing a new (third) stream. The current average ratios for Semester I from level zero to level three are 1:164, 1:159: 1: 82 and 1:38 respectively. For Semester II the current average ratios from level zero to three are 1:84, 1:108, 1:75 and 1:27 respectively.

Research Output

During the years 2006-2011, a high level of research activity was sustained within the Department of Mathematics at the University of West Indies, Mona Campus.

There were three well developed areas of research in the department: Stochastic Analysis, Physiological Fluid Dynamics and Mathematical Physics. In addition, some work has been done in Linear Algebra, Statistics and Actuarial Science.

The research of the Department was recognized by substantial support from the UWI New Initiative Programme and Research and Publication and Graduate Awards grant. Additional external research support came from the State of Upper Austria Excellence Grant EUR 4,000.

Attended Conferences

- **Richard Plummer**, 4th Annual R/Finance Conference, University of Illinois, Chicago, May 11-12, 2012.
- **Whyte, W. St. Elmo**, 19th Annual International Association of Black Actuaries (IABA) Conference, Atlanta, USA, August 3-4, 2012.

- **A. Rodkina**, International Biannual Statistical Conference, RCAC, UWI Mona, November 2011.
- **S. McDaniel**, International Biannual Statistical Conference, RCAC, UWI Mona, November 2011.

PAPERS PRESENTED

- **Nagarani. P** and Binil Sebastian: Mathematical Model of dispersion of a solute in oscillatory flow in an annulus, TWAS-ROLAC, 10th Young Scientist Conference, Trinidad & Tobago, W.I., Dec 7-9, 2011.
- Binil Sebastian and **Nagarani. P.:** Dispersion of a Solute in a Catheterized Artery-A Mathematical Model , FPAS conference, Mona, UWI, Jamaica, W.I, April 2012.
- Binil Sebastian and **Nagarani. P.:** A Study on Longitudinal Dispersion of a Solute, FOSS conference, Jamaica, W.I, June 2011.
- Binil Sebastian and **Nagarani. P.:** Effect of Non-Newtonian Pulsatile Flow on Convective Diffusion in Annulus, SIAM Conference on Analysis of Partial Differential Equations, San Diego, California, USA, November 14-15, 2011.
- Peter Palmer, **Conall Kelly, Alexandra Rodkina.:** Almost Sure Asymptotic Stability Analysis of the Theta-Milstein Method for a Scalar Linear Stochastic Differential Equation with M Independent Perturbations. FPAS conference, Mona, UWI, Jamaica, W.I, April 2012.
- **A.Rodkina, L.Braverman.:** Stochastic perturbations can stabilize chaotic models, 18th International Conference on Difference Equations and Application, Barcelona, Spain, July 2012.
- **Dr. D. Batic:** Scattering Matrices via Monodromy Matrices, ETH Zuerich, Switzerland, June 20, 2012.

PUBLICATIONS

Refereed Journals

- * **D. Batic**, N. Kelkar and M. Nowakowski, On Born approximation in black hole scattering, *Eur. Phys. J. C* 71, 1831 (2011)
- * Evelyn Buckwar and **Conall Kelly**, Non-normal drift structures and linear stability analysis of numerical methods for systems of stochastic differential equations. *Computers & Mathematics with Applications* (2012).
- * Gregory Berkolaiko, Evelyn Buckwar, **Conall Kelly**, and **Alexandra Rodkina**, Almost sure asymptotic stability analysis of the theta-Maruyama method applied to a test system with stabilising and destabilising perturbations. *LMS Journal of Computation and Mathematics*, 15:71-83, 2012.
- * J. A. D. Appleby, J. Cheng and **A. Rodkina**, Characterization of the Asymptotic Behaviour of Scalar Linear Differential Equations with Respect to a Fading Stochastic Perturbation, *Discrete and Continuous Dynamical Systems*, Supplements Volume 2011, Issue Special, 79-90.
- * Braverman, E **Rodkina, A.** On difference equations with asymptotically stable 2-cycles perturbed by a decaying noise, to appear in “*Computers and Mathematics with Applications.*”
- * Ramana, B., Sarojamma, G., Vishali, B. and **Nagarani, P.:** Dispersion of a solute in a Herschel-Bulkley fluid flowing in a conduit, *Journal of Experimental Sciences* 3(2), 2012, 14-23.
- * **Nagarani. P.** and Lewis. A. : Peristaltic flow of a Casson fluid in an annulus. *Korea – Australia Rheology Journal* 24(1), 2012, 1-9.
- * Arunaye. F. I, Bhatt. B. S. And **Nagarani. P.:** On the solution of the convective-diffusion equation, *Int. Jour. of Pure and Applied Mathematics*, 68(1), 2011, 37-53.

Refereed Conference Proceedings

- * **Nagarani , P.** and Sebastian, B.: Effect of Flow Oscillation on Dispersion of a Solute in a Tube, AIP Conf. Proc. 1368, pp. 29-32.

Organization of workshops and conference

Workshop on Stochastic and Deterministic PDEs, was organized by the Department of Mathematics, organizing committee: Dr. D. Batic, Dr. Kelly and Prof. A. Rodkina and held on December 12, 2011 at UWI Mona, Kingston, Jamaica.

Several lectures were given by four (4) visiting mathematicians from Austria and Columbia.

The Department's graduate students participated as well. This was the first workshop held by the department for the last 20 years.

Dr. Kelly and Dr. N. Ponakala were members of the organizing committee of the Faculty Conference "9th Faculty Conference of the Faculty of Pure and Applied Sciences. Science: A Bridge to the Future" in April 2012.

The Department took a very active part in the Faculty Conference: there were 2 talks presented by our research students (in collaboration with the staff members) and also 4 posters presented by staff and students.

An invited lecture was given by Prof. Elena Braverman mathematician, from the Department of Mathematics, University of Calgary, Canada. Her lecture was entitled "Modelling the future: discrete dynamics approach". This was the first time a Mathematician was an invited speaker at a Faculty Conference.

INCOME GENERATION

The UWI New Initiative Grant of J\$1,153,989.00 for project titled "*Mathematical aspects of quantized spacetimes*" was given to **Dr. Batic**. The project started September 1, 2011 and ends August 31, 2012.

An External grant “Exzellenzstipendium des Landes Oberösterreich (State of Upper Austria Excellence Grant)” of (approx. 4,000 EURO) was given to **Dr. Kelly** to fund his visit to the Institute for Stochastics, Johannes Kepler University, Linz, Austria over the period May 28-June 29 to deliver a special-topic graduate lecture course on Stochastic Difference Equations.

OUTREACH

This year the Department participated in a workshop held in May 2012 put on by the Faculty Office to host fifth form students from Kingston College. Requests were made by the Spanish Town High School for a visit to the Department; however that was cancelled by them at short notice.

PUBLIC SERVICE

Several members of staff of the Department are members of Editorial Boards of International Journals and also are involved in referee activity, preparing reviews of the papers submitted to wide range of the international journals. They also write reports on the dissertations of MPhil and PhD levels.

STUDENTS

The Department has graduated an average of 58 B.Sc. students per year with a major or minor in mathematics, completing the Actuarial Science Option, completing the Mathematics with Education Option.

In 2010, a significant number of students were admitted to the Mathematics Department due to extensive outreach activities conducted by the Dean’s Office.

From 2008 to 2011, a total of 292 students graduated from the department (excluding those with the Mathematics with Education option). This is broken down as follows:

2007	2008	2009	2010	2011
69	55	48	52	68

This year a total of nine 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:

Mathematics Undergraduate Graduates (last Five Years)

Year	Math	Actuarial Sci	Math/Edu	Math/Econ	Total
2007/08	28	29	2	10	69
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

Summer School

The Department offered twelve courses for summer of 2012 some of which were to facilitate students who needed to graduate as well as to facilitate curriculum reform. Overall, we had a successful summer school.

Mathematics Bridging Programme

The Mathematics Bridging Programme has been set up to improve the mathematical skills of students entering the Faculty. It is structured to give students a self-paced non-traditional experience in a small group setting.

This year 28 students participated in the programme facilitated by five tutors. The programme was expanded this year to run for 10 weeks instead of 8. Response to this change was positive as 95% improvements were seeing amongst the students. Plans are being made to expand this programme to include Social Sciences' students.

Mathematical Olympiad

This year the Mathematical Olympiad programme was transferred to the Department of Educational Studies upon the request of the Principal. It was his wish to use this project to impact mathematics within schools in Jamaica. Staff members from the Mathematics Department were actively involved in the activities of the Olympiad and facilitated its workshops despite its relocation. Four persons were selected to represent Jamaica at the International Competition held in El Salvador in July 2012. They were accompanied by Drs. Raymond McEachin and Samuel McDaniel. Improvement was seen in their performances this year as they moved up 2 places in rank competitively.

Actuarial Society

In February 2012, The Department and the Actuarial Society were graced with a visit from Mike McLaughlin, a past president of the Society of Actuaries, and a thought leader in enterprise risk management. During his visit he met with the Vice Chancellor, Principal, members of staff as well as Actuarial Sciences students. He gave a talk entitled “The Risk Intelligent Enterprise—Principles, Players, Processes” which was held at the Undercroft to the public.

MSc Programme

The Mona School of Business in conjunction with the Department of Mathematics has launched a new MSc. Enterprise Risk Management programme to begin in September 2012. This degree programme will address the demand in the financial and risk management services.

The MSc Mathematics was restarted as a part-time 2-year programme in Semester 2 of 2009/10. The new intake was in a semester 1, 2011/2012, after which it is anticipated that the programme will be offered again in Semester 1, 2013.

Six students have already completed the requirements for the award of their degrees and are expected to graduate in November 2012.

Research students

The Department has 2 MPhil students and two PhD students, one of whom was recently upgraded from the MPhil level. Both PhD students: Mr. Peter Palmer and Mrs. Benil Thomas-Sebastian gave talks at the PAS Faculty Conference in April 2012. “Almost Sure Asymptotic Stability Analysis of the Theta-Milstein Method for a Scalar Linear Stochastic Differential Equation with M Independent Perturbations” and “Dispersion of a Solute in a Catheterized Artery – A Mathematical Model.”

MPhil students Dujon Dunn and Runako Williams, MSc students Carlton Henderson, Dwight Dunn, Ajani Ausaru and Ricardo Buccas presented posters at that conference.

The MPhil students Mr. Runako Williams and Mr. Dujon Dunn visited Universidad de los Andes (Bogota', Colombia) three times during the last year to conduct research, thanks the UWI's New Initiative Grant received by Dr. Davide Batic for his research entitled “Mathematical aspects of quantized spacetimes”. While there they worked with Prof. Marek Nowakowski (Department of Physics) and Prof. Monika Winklmeier (Department of Mathematics). Moreover, during their last visit in June 2012 they participated in the workshop entitled Quantum Integrable Systems held at Universidad de los Andes from May 28 to June 1.

DEPARTMENT OF PHYSICS

Michael A. Taylor, BSc, MPhil, UWI, PhD U of Maryland, College Park
– Head of Department.

Overview

The Department has completed year 4 of its 5 year strategic plan. Measured against the plan, the past year was noteworthy for continued strides in the areas of Curriculum Reform, Staff Recruitment, Teaching, Research, Public Service and Outreach. The Department continues on a path of renewal and in its quest to find renewed relevance within the University and the national and regional contexts, through high quality physics teaching, research output and public service.



Curriculum Reform and Teaching: The Department launched new preliminary and introductory courses in keeping with the revamped Physics and Applied Physics programme for which it received approval in 2010/11. The new programme is premised on (i) five undergraduate majors in areas of traditional teaching strengths as well as in areas of perceived relevance so as to produce competitive physics graduates (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 sought and acquired for new Year 2 courses to be delivered in 2012/13 in keeping with the phased introduction of the new programme.

Significantly, the first cohort of six graduates completed the BSc in Electronics Engineering, one with First Class Honours. The students are the first UWI trained engineers wholly schooled at the Mona Campus, with oversight from the Faculty of Engineering, St. Augustine. The

successful conceptualisation, development and implementation of the Electronics Engineering programme at Mona has laid the foundation for the continued expansion of the teaching of Engineering on our campus, and has also provided a model for doing so using shared resources. The Department is particularly proud of the role it played in this development.

Student satisfaction with teaching remains high with most student assessments of lecturers being above 4. Three lecturers (Mr. Victor Douse, Mr. Samuel Daniel and Dr. Michael Taylor) were awarded for excellence in teaching at the annual Faculty Ceremony. Through active recruiting, for the first time in a number of years, the full time staff complement increased (as opposed to decreasing) from six to seven. The department welcomed Dr. Jean-Francois Dorville and Dr. Keith Duncan, even as it said goodbye to Dr. Claude McNamara. Two additional posts were advertised and the selected candidates should join the staff at the beginning of 2012/13. The Department hosted Dr. Derrick Hylton from Spelman College, USA for one semester as a Visiting Associate Professor.

Four students will graduate with First class honours, all of whom were 3 or 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 several encouraging signs pointing to the re-emergence of a research culture in the Department. Though the Climate Studies Group, Mona (CSGM) continues to lead in all measures of successful research, the newer research groups (Alternative Energy, Medical Physics, and Materials Science) have made significant strides, particularly with the input of the two new staff members. New grants or extensions of existing ones totalled in excess of 15 million dollars. Sources of funding include the UWI (a new initiative grant, and 8 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). Significantly among the funded projects are a number involving interdisciplinary collaboration including with the Departments of Chemistry (biodiesel production), Life Sciences (climate change and sweet potato production; the impact of climate on biodiversity in the Hellshire

Hills), the department of Geography (hydrological modelling; Caribbean climate and agriculture review) and the Department of Economics (Caribbean climate and agriculture review).

Conference presentations by staff and students also increased significantly and included 9 oral and 4 poster presentations at the 11th Biennial Conference of the Faculty. Undergraduate student Kamau Stewart and the Materials research group shared the best poster prize while postgraduate student Natalie McLean and the Climate Studies Group copped second place. Graduate students Dale Rankine, Natalie McLean, Stacy-Ann Nelson and Victor Douse had short study tours in Barbados and Austria, Barbados, Colombia and Canada respectively where they presented their work. At the University's Annual Research Awards, Dr. Michael Taylor was recognized as the Most Outstanding Researcher in the Faculty of Pure and Applied Sciences for his research on Caribbean Climate Variability and Change, while Professor Mitko Voutchkov received the award for the Research Project Attracting the Most Research Funds in the Faculty of Pure and Applied Sciences for the project "Medical and Health Applications of Nuclear Physics". The department produced 9 publications and a documentary. This was below the target set for the year but there is joint commitment to improve on this in 2012/13.

4 students began research degrees bringing the graduate complement to 19. A cohort of 9 completed the MSc in Digital Technology, bringing to a successful completion the re-organization of that programme. After a one year suspension, a new cohort of 10 has been accepted for the upcoming academic year. The new MSc programme in Medical Physics obtained final approvals and will take in its first cohort of 11 in September 2012.

Outreach and Public Service: The Department's CAPE and CSEC Workshops continue to be popular and oversubscribed. 820 CAPE students from 20 high schools participated in the CAPE Workshops (one day of which was held at the Western Jamaica Campus), while 452 CSEC students from 13 high schools participated in the 5th Form Field Trips hosted by the Department. A further 400 high and tertiary students visited the department throughout the year to conduct laboratory experiments. The Department also targeted the training of physics teachers with a one day seminar on **Problem Solving in Physics** and a two week workshop

entitled **Good Practice in Physics Teaching** hosted in collaboration with the Ministry of Education, CXC and the NCB Foundation.

For the first time, five (5) students from the Department participated in the IEEE Southeast Conference Student Competitions that was held in Orlando Florida from March 15-18, 2012. The students entered the Software, T-Shirt, Website, Paper and Hardware (Robotics) Competitions. Their robot placed a commendable 17th out of 42 University entries.

During the year the Department hosted 5 workshops with external partners (3 with international participants) covering Carbon Markets, Climate Data Rescue, Climate Modelling, Ballistics and Forensics and X-ray and Gamma Spectroscopy Techniques. This was in addition to 17 public lectures. Eight of the lectures were part of the Climate-Energy Nexus monthly lecture Series - a department initiative to increase public discourse on energy and climate change.

Members of staff also continue to serve in various capacities on university, national and international boards and committees, and provide services to and on behalf of the university.

Infrastructure: With assistance from the University the Department was able to refurbish the two-storey administrative block, including upgraded office spaces, seminar room and kitchen, as well as refurbish and expand two lecture rooms, and significantly enhance the IT infrastructure used by both staff and students.

Milestones: Dr. Paul Aiken was promoted to Associate Dean for Outreach and Development with responsibility for Engineering. Mrs. Rosalene Simmonds was promoted to Senior Administrative Assistant. Dr. Michael Ponnambalam retired. Ms. Darlene Field (Senior Laboratory Technologist) and Mr. Jon-Paul Callen (Laboratory Technologist) left to pursue other opportunities.

Departmental Statistics

Total Student Registrations.

(Brackets indicate previous year totals. Years II and III include overlaps)

	Semester 1	Semester 2	Year Totals
Preliminary	101 (73)	89 (53)	190 (126)
Intro Physics	203 (247)	128 (177)	331 (424)
Intro Engineering	25 (23)	—	25 (23)
Intro Electronics	—	81 (70)	81 (70)
Year II	259 (240)	213 (201)	472 (441)
Year III	76 (141)	154 (151)	230 (292)
Totals	664 (701)	665 (652)	1329 (1353)

Postgraduate student enrolment

MPhil 13 students (F/T and P/T) PhD 6 students, MSc 9 students (all years)

PUBLICATIONS

Books

- * **A. Coy**, Emulating Human Speech Recognition: A Scene Analysis Approach to Improving Robustness in Automatic Speech Recognition, 2011, *Nova Science Publishers, New York*.

Book Chapters

- * **A. Coy**, Perceptually Motivated Approach to Achieving Robustness in Automatic Speech Recognition, in **A. Stavros, Editor, Advances in Communications and Media Research, Volume 6**, 2011, *Nova Science Publishers, New York*. [Invited Chapter]

Journals

- * Taylor, M. A., F. S. Whyte, T. S. Stephenson and J. D. Campbell, 2012: Why dry? Investigating the future evolution of the

Caribbean Low Level Jet to explain projected Caribbean drying. *International Journal of Climatology*. DOI: 10.1002/joc.3461.

- * Taylor, M. A., T. S. Stephenson, A. Owino, A. A. Chen, and J. D. Campbell, 2011: Tropical gradient influences on Caribbean rainfall, *J. Geophys. Res.*, 116, D00Q08, doi:10.1029/2010JD015580.
- * Taylor, M. A., T. Stephenson, A. Trotman, J. Spence, O. Martínez-Sánchez, G. Votaw, I. González-García, R. Pérez-Suárez, B. Lapinel-Pedroso, A. León-Lee, D. Boudet-Rouco, and N. González-Rodríguez, 2012: [Regional Climates] Caribbean [in State of the Climate in 2011]. *Bull. Amer. Meteor. Soc.* 93 (7) S170-S173. IF 6.124
- * Mandal, A., M. Voutchkov, 2011: Heavy Metals in Soils around the Cement Factory in Rockfort, Kingston, Jamaica. *International Journal of Geosciences*, Vol. 2 No. 1, 2011, pp. 48-54.

Other

- * 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.
- * Taylor, M. A., K. A. Stephenson, D. R. Rankine, 2011: Climate Variability and Change and Water Availability in the Caribbean. CARDI/CTA Technical Paper. 52 pp.
- * Stephenson, T. S., M. A. Taylor and A. A. Chen 2011: Climate Change and Caribbean Science. *Carib Explorer* Vol. 2, Issue 1 March 2011/March 2012.

Non-print

- * *Time to Adapt – 3 Jamaican Stories*. 2011. 26 minute documentary chronicling the story of three Jamaican communities and their efforts to adapt to climate change. Produced by the Climate Studies Group, Mona

INCOME GENERATION

The MSc in Digital Technology programme generated 3.6 million in fees and summer school netted 1.2 million.

Other significant funding

- Climate Studies Group, Mona. *Modeling Climate Change in Jamaica for priority sectors*. US\$20K. Planning Institute of Jamaica and the IADB.
- Climate Studies Group, Mona. Climate Change, Agriculture and Food Security in the Caribbean Region. US\$18K, FAO.
- M. A. Taylor and D. R. Rankine: Further support for Incorporating Climate Change into Agricultural Planning – The Case of Sweet Potato. US\$6K. Caribbean Community Climate Change Centre (2011).
- Department of Physics. A Capacity Building Workshop on Data Rescue and Climate Change Indices. US80K. WMO, NOAA, UWI, CCCCC.
- The Alternative Energy Research Group. Monitoring of light intensities of solar fixtures on Highway 2000 and at the Dyke Road Fishing Village. US 26K. TransJamaica Highway Limited and the National Road Operating and Construction Company .
- The Alternative Energy Research Group. Cooperative work on energy. US25K. Grace Kennedy Limited.
- Dale Rankine. In support of presenting a paper at the FAO/IAEA International Symposium on Managing Soils for Food Security and Climate Change Adaptation and Mitigation, in Vienna, Austria. US5K, UWI Research & Publication and IAEA.
- Phylcia Ricketts: Characterization of Essential and Toxic Elements in Animal Tissue. J\$168,936.08. UWI Research & Publication.

- Kimberly Stephenson. To present a poster at the Student Conservation Science – New York. J\$114,956.00. UWI Research & Publication.
- Tanya Kerr. To present a paper at the International Symposium on Fire Investigation 2012 – Maryland, USA. J\$147,901.00. UWI Research & Publication.
- Tanya Kerr. Course registration fee for a Graduate Level course in Applied Fire Dynamics at the University of Maryland. US\$2,658.00. UWI Research & Publication.
- Calvert Barclay. Short term research at the International Institute for Carbon –Neutral Energy Research (FCNER), Kyushu University, Japan. J\$297,000.00. UWI Research & Publication.
- Stefan Watson. Corpus Collection for Development of an Automated Literacy Tutor. J\$250,000.00. UWI Research & Publication.
- Rochelle Walters. Presentation at the World Climate Research Programme (WCRP) Open Science conference. UWI Research & Publication.

PRIZES

Undergraduate prizes were awarded to:

Professor John Lodenquai Prize for Introductory Physics	–	Aston Hamilton
Level II Departmental Prize	–	Leaford Henderson Dayne Robinson
Francis Haddon Bowen Bursary	–	Celeste Sobion
Michael Tharmanahthan Ponnambalam Bursary	–	Jhordanne Jones

PUBLIC SERVICE

Paul Aiken

- Vice Chair, IEEE-Jamaica Section
- Engineering Programme Evaluator, Caribbean Accreditation Council for Engineering and Technology (CACET)

Anthony Chen

- Member, Climate Change Advisory Board, Ministry of Land, Water, Environment and Climate Change
- Member, Council of the Institute of Jamaica
- Chairman, UNDP-GEF Community Based Adaptation Programme in Jamaica
- 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)

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)
- Member, National Committee of the International Global Biosphere Programme.
- Alternate Chair, UNDP-GEF Community Based Adaptation Programme, Jamaica
- External Examiner, Physics, College of Agriculture Science and Education
- 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, 2012



Mark Figueroa, BA, MSc *UWI*, PhD *Manc* – Dean

Overview

The Faculty of Social Sciences began the academic year 2011/12 with its Annual Faculty Day under the theme “*The Strategic Plan and the Social Sciences: Getting Involved to Make It Better for 2012-2017*”. This year, the Faculty was addressed by the University Registrar with a presentation which focused on building employer-employee engagement for organizational and personal development. Some recommendations which came out of the Faculty Day were: to implement measures to address students’ idea of preparedness; the need to focus more on team building and integration; employing more efficient use of resources; the need to focus on the promotion of administrative, technical, senior administrative and professional staff, and the balance between teaching and research as it impacts on the evaluation and promotion of academic staff.

The year ended with substantial changes in the leadership of the Faculty. Mark Figueroa, who served as Dean for two terms (eight years), handed over the Deanship to Evan Duggan. In taking up office as Dean, Professor Duggan demitted office as Executive Director of the Mona School of Business after serving for four years. Additionally, two new Associate Deans were appointed. Aldrie Henry-Lee demitted office and proceeded on sabbatical leave. She was replaced by Noel Cowell who has taken over as Associate Dean with responsibility for Teaching and Learning. Similarly, upon the retirement of Rupert Lewis, David Tennant was appointed Associate Dean for Graduate Studies. Consequent on the merger of the Mona School of Business and the Department of Management Studies to form the Mona School of Business and Management there were also leadership changes. Paul Simmonds was

appointed as Executive Director and Densil Williams demitted office as Head of the Department of Management Studies and took up the position of Deputy Executive Director of the new School.

Awards and Achievements

The MSc in Telecommunications Policy and Management (TPM) was ranked among the top 200 Master's Degree Programmes in the World in the Project Management and Engineering category by Eduniversal in France. This ranking was achieved from among over 12,000 such programmes evaluated globally in the business schools which were ranked in the top 1,000.

Tennecia Dacass a graduate student from the Department of Economics, was awarded first prize for best presenter in the Graduate Students' Paper Competition at the 2012 Southwestern Economics Association Conference held in San Diego, California in April 2012, for her research presentation on "Estimating the Natural Rate of Interest in Jamaica and Determinants of Crime: An Empirical Study". This achievement is all the more outstanding as the majority of the students involved are already in PhD programmes. Nickesha Spencer, also a UWI graduate who is now pursuing PhD studies at State University of New York, Binghamton was awarded second prize.

Mark Figueroa was named as the recipient of the 2012 Vice Chancellor Award in of the category of Service to the University. Principal's Research Day Awards in the best research publication category for articles, were received by:Claremont Kirton, David Tennant and Abdullahi Abdulkadri from the Department of Economics, for their article: "Modelling the Relative Effects of Financial Sector Functions on Economic Growth in a Developing Country Context Cointegration and Error Correction Method: The Importance of Well-Functioning Domestic Financial Sectors"; Clinton Hutton, from the Department of Government for his article: "Oh Rudie: Jamaican Popular Music and the Narrative of Urban Badness in the Making of Postcolonial Society" and David Tennant for his article "Why Do People Risk Exposure to Ponzi Schemes? Econometric Evidence from Jamaica". Dr Tennant also won the Most Outstanding Researcher Award. The Centre for Leadership and Governance was given

the award for the research project attracting the most research funds for the project “Strengthening Governance in Jamaica”. A team from the Centre also received the award for the research project with the greatest business economic development impact for the project “A National Strategy for Mainstreaming Youth Development in Jamaica”. Members of the team included: Gavin Daley, Sonia Gatchair, Anthony Harriott, Stephen Johnson, Shakira Maxwell, Kevon Rhiney, Lloyd Waller, and Shinique Walters. The Faculty continued in its effort to highlight excellence in teaching, and this year, Marina Ramkissoon was the recipient of the annual FSS teaching award.

FSS Cross Campus Conference

The third Bi-Annual Cross Campus Conference of the Social Science Faculties was held at Mona from January 16-18, 2012, under the Theme: *The Strategic Plan and the Social Sciences: Making it Better for 2012 – 2017*. Overall, the Conference received a very positive rating from those who participated and seventy one percent (71%) of those who attended indicated that they left the Conference with a clear vision of the priorities of the Faculty of Social Sciences for the new Strategic Plan. It was agreed that in going forward, successful case studies of cross campus collaboration would be identified for best practices. One such example is the case of Anthropology students learning together by jointly completing a cross campus course assignment. A webpage at (<http://myspot.mona.uwi.edu/socsci/cross-campus-collaboration>) has been created on the Faculty’s website and case studies identified at the Conference uploaded.

Preparation for the SALISES Fifty-Fifty Conference

For SALISES, 2011 was a year of intensified outreach, engagement, research and preparation for the Fifty-Fifty Conference with some twenty one events to include guest lectures, seminars, presentation at conferences and symposia, all of which added greater depth and dynamism to the Campus’ outreach, national, regional and international engagement efforts. These events came out of the research clusters which were formed previously and which, for the most part were either multidisciplinary

across departments and faculties, and/or across Campuses and Universities. In particular, a seminar critically reviewing the PIOJ's "Growth Inducement Strategy" was done jointly with the Department of Economics. All of these were in preparation for the August 20-24, 2012, Fifty-Fifty Conference under the theme "Critical Reflections in a Time of Uncertainty".

The Social Work Unit in the Department of Sociology Psychology and Social Work celebrated its 50th anniversary with a full week of activities which included participation by visitors from the University of Connecticut. Some of the activities include presentations to social work classes; field visits to a number of agencies and communities and in particular a visit to the UWI Township Project in August Town which has resulted in the University of Connecticut's interest in exploring the possibility of establishing a similar project in Hartford and using the local project as an option for a graduate practicum.

New Programmes

A new SALISES MSc in Development Studies aimed at producing high-level interdisciplinary personnel who will play leading roles in transforming the national, regional public and private sectors was taken through the approval process. The first cohort is to be admitted in 2013-14 academic year. In an effort not to replicate the remit and work of the Departments of Government, Economics and Sociology, Psychology and Social Work, this new MSc will replace the previous MSc programmes in Governance and Public Policy, Social Policy and Economic Development Policy. The programme, multidisciplinary in scope, seeks to fill a gap in the range of graduate offerings at the tertiary level which is dominated by disciplinary-based degrees. The programme is designed to produce the ideal graduate as described in the UWI Strategic Plan as it focuses on leadership with an interdisciplinary training and addresses the needs of Caribbean societies for technical governance in the policy-making and policy-implementation processes, with the flexibility to coordinate persons with specific disciplines. The new programme will also promote broad interdisciplinary knowledge, with specific skills in research planning and execution.

The Mona School of Business in conjunction with the Department of Mathematics designed and has received approval for a new graduate programme, MSc Enterprise Risk Management (ERM). The MSc ERM aims to address the demand in the financial services and other industries for modern risk management skills. The objective of the programme is to produce graduates with skills in risk techniques and practices who also understand the business contexts and are able to address and solve complex risk issue. This programme addresses unmet educational needs and increases the potential for future research of relevance to both academia and practitioners. It is hoped that the introduction of the MSc ERM will increase the university's profile and relevance to the country and the region. Additionally, the Diploma and MSc in Sports Business Management, designed by the MSB were approved and the first cohort of students is expected to be admitted in the academic year 2013-14.

During the academic year a merger of the Department of Management Studies and the Mona School of Business was undertaken to form the Mona School of Business and Management. Bringing the combined resources, reputation and reach of these two entities is projected to place the new School in an unassailable position with respect to other institutions involved in business and management operation in the communities served by the Campus.

Fostering Better Student Experience and Development

SALISES utilized resources from available administrative posts to fund graduate research students who are at the thesis writing stage, and have by this means supported three students. The Department of Economics piloted a weekly discussion forum for students, designed to be informal and relaxed, where they looked at contemporary topics. These have included "Funding Tertiary Education"; "The Role of the IMF in Jamaica"; "The Role of the Government in Promoting Renewable Energy"; and "The Benefits and Costs of Marriage as the Basis for a Perspective on the Family Structure in Jamaica".

In a similar vein, the Department of Government hosted a series of guest lectures for the benefit of students which included lectures from senior officials from the World Bank, the International Monetary Fund (IMF),

the Ministry of Finance and a visiting researcher from the US on African American genealogy. International Relations students participated in a panel discussion entitled “The Relevance of the Commonwealth to Jamaica and the rest of the Caribbean” at the Ministry of Foreign Affairs and Foreign Trade, while Public Sector Management students attended the budget debates in Parliament. Political Science students collaborated with CVM TV to provide commentary during the coverage of the general election held December 29, 2011, and again with other students and CVM by taking part in a televised forum on April 17, 2012 on critically analysing the first 100 days of the new administration which came to power following the election in December 2011.

A team of students from the Mona School of Business participated in the Annual Opportunity Funding Corporation Venture Challenge held in Atlanta. They placed fifth out of twenty two (22) colleges and universities mainly based in the USA. Additionally, nine students from the Department of Government participated in the Harvard University Model United Nations General Assembly.

Teaching and Learning

The Faculty of Social Sciences introduced a Philosophy on Teaching which seeks to promote the creation of an environment that fosters self-reflective teaching and learning in which its staff members are committed to linking teaching with research, participating in the scholarship of teaching, and adopting innovative methods that meet the full range of learning needs of a diverse student body.

The Department of Management Studies embarked on a curriculum review which will result in greater flexibility for management students by shifting from “specials” and “options” to offering majors and minors. With this initiative, management students will be better able to combine their interest in management with an interest in other Social Science disciplines as well as those from outside of the Faculty. It is hoped that this will result in a more rounded student who will have more choices available when moving on to graduate education and in the world of work.

Strengthening the University's Body of Research and Its Reputation as a Centre of Academic Excellence

Rupert Lewis and Hopeton Dunn, were guest editors of a special issue of the *Critical Arts* Volume 25 No. 4 (Dec. 2011). *Critical Arts* is a journal of south-north cultural and media studies and is published by Routledge, Taylor and Francis Group and the University of South Africa Press. The issue was devoted to: "Communicating Pan-Africanism: Caribbean leadership and global impact". The volume was dedicated to former Vice Chancellor Ralston 'Rex' Nettleford and former Dean Alston Barrington 'Barry' Chevannes.

The Centre for Tourism and Policy Research (CTPR) in responding to a request from the River Rafting Association (RRA), embarked on a study of the Martha Brae River. The study confirmed that crocodiles were present in the river but not in the rafting location and has recommended that further investigations be carried out with the assistance of a marine biologist. This finding was particularly important as the presence of crocodiles would have implications for rafting, community safety and security, rural livelihoods and the expansion of tourism in the parish of Trelawny.

In another study the CTPR, conducted a national survey to determine public perceptions and satisfaction with the delivery of tertiary education by the university and to assess to what extent the institution has had an impact on the wider society. The study identified the strengths and weaknesses of the institution and pointed to ways in which the University can improve in the discharge of its mandate.

The Mona School of Business in collaboration with Solutions for Society, another University Think Tank, completed path-breaking research and a benchmarking study of the Mobile Financial Services. The study yielded information about the size and characteristics of Jamaica's un-banked and under-banked population and the economic opportunities associated with such services.

Research conducted by individual staff members continues to impact national and regional policy making by engaging in a wide cross section of critical issues facing the Caribbean. These were reflected in conference

presentations, academic publications and technical reports. This year, the research explored matters in areas including: administrative leadership and competences; the arts; bauxite in Suriname; Caribbean economic integration; Caribbean politics and the future; CARICOM; children and child rights; citizenship and social inclusion; climate change; constraints and pathways to rural resilience; copyright; crime and violence and their effect on the economy; discrimination; drugs; e-participation in Jamaica; eating and development disorders. Economic growth; education; energy; entrepreneurship; finance; gender; growth inducement strategies; Haiti; HIV and AIDS; housing in Jamaica; Jamaican popular music; juvenile delinquency; mentoring; mobile commerce in Jamaica; monetary policies; nationality and sovereignty; public sector reform; revolution in Grenada; tax reform; tourism; small and family owned businesses; transportation; viability of small island states; youth-adult partnerships. The table below provides a comparison of the number of publications reported by the departments and other units over the last three academic years.

The Faculty of Social Sciences has sought to ensure that staff members are aware of the 2012-2017 Strategic Plan and has played a central role in assisting the Campus as it seeks to prepare the outlines of an Operational Plan for 2012-2014. The Faculty has taken the lead in areas of employee-engagement and has undertaken significant initiatives in areas such as teaching and learning, with the implementation of a Philosophy of Teaching for the Faculty, and in research, with the creating research clusters through SALISES Fifty-Fifty initiative and by appointing an Associate Dean of Research so as to focus on increasing high quality outputs. The Faculty continues its drive to improve quality and administrative efficiency in all areas such as client care services to both graduates and undergraduates. The environment remains very challenging but a range of innovative initiatives have been taken as the Faculty constantly seeks to enhance the quality and impact of its work.

DEPARTMENT OF ECONOMICS

Damien King, PhD NYU, MSc UWI, BA York
– Head of Department

WORK OF THE DEPARTMENT

At the start of AY2011/12, the Department welcomed two new faculty members, Dr. Tamoya Christie, a graduate from Georgia State University in the United States, and Dr Andre Haughton, whose degree was awarded by the University of Essex in England. Both are also graduates from the UWI Mona Campus.



The Department collaborated with other departments and institutes to host several public events. These include:

- A seminar of the PIOJ's Growth Inducement Strategy, hosted in collaboration with the Sir Arthur Lewis Institute of Social and Economic Studies. The event included a presentation by the Planning Institute's Director General, Dr Gladstone Hutchinson, and contributions from other Departments in the Faculty of Social Sciences, including the Department of Economics represented by Prof. Edward Gharthey. This seminar was held at the Mona Visitors Lodge on September 29, 2011.
- A visit to the campus and public lecture delivered by Prof. Steven Landsburg of the University of Rochester on the subject of economic growth. The lecture highlighted differences in Jamaica's growth experience compared to some other countries, and emphasizing the key determinants of growth. Prof Landsburg is the author of two intermediate texts (Price Theory and Applications and Macroeconomics) as well as a number of popular economics titles, of which the most successful is The

Armchair Economist. He was also a regular columnist for Slate Magazine. This lecture was held at the Faculty of Law Building on November 21, 2011.

- A panel discussion on the tax reform proposal of the Private Sector Working Group, hosted in collaboration with the Department of Management Studies, the Mona School of Business, and the Sir Arthur Lewis Institute of Social and Economic Studies This forum,televised live, was held at the Faculty of Law building on April 23, 2012.

In 2011/12, the Department of Economics piloted a weekly Student Discussion Forum, held on Wednesday afternoons at the McIntyre Amphitheatre. The objective of the series, which was open to all students, was to create a forum in which students' own thoughts and ideas drive the discussion, applying the concepts they were being exposed to in their courses. Topics discussed included:

- Funding tertiary education
- Renewable energy: what is the government's role?
- The economic significance of Golding's resignation
- The role of the IMF in Jamaica
- Womb for rent: international surrogacy for pay
- Ganja: guilty drug or innocent plant
- Is marriage worth it: an economics perspective
- Tourism: can we rely on it?
- How to achieve food security
- What caused the global financial crisis?
- Freakonomics
- Global Warming
- An economic view of reality TV

Awards

During the period under review, the Department received two Best Publication awards at the Research Days Awards Ceremony. The papers awarded were “Why do People Risk Exposure to Ponzi Schemes? Econometric Evidence from Jamaica,” by David Tennant (published in *Journal of International Financial Markets, Institutions and Money* and “Modelling the Relative Effects of Financial Sector Functions on Economic Growth in a Developing Country Context Using Cointegration and Error Correction Methods,” by David Tennant, Abdulahi Abdulkadri, and Claremont Kirton (published in *Journal of Developing Areas*). In addition, Professor Mark Figueroa was selected for the Vice Chancellor’s Award for Excellence in the category of Service to the University

PAPERS PRESENTED

- **Abdulkadri, A.O.** “An Assessment of the Economic Costs of Substance Abuse in CARICOM Member States: Jamaica, Suriname, and Trinidad and Tobago.” 5th Meeting of the Directors of National Drug Councils, Belize City, Belize, May 3-4, 2012. 51pp.
- **Abdulkadri, A .O.** “What is in a Name? When ‘BAU’ may not mean Business As Usual in the Climate Change Circle.” 92nd annual meeting of the Southwestern Economics Association, San Diego, California, April 4-7, 2012. 20pp.
- Grant-Reid, Nadia and **Abdulkadri, A.O.** “Employment-inducing Environmental Stewardship: The Case of Plastic Bottle Recycling in Jamaica.” 92nd annual meeting of the Southwestern Economics Association, San Diego, California, April 4-7, 2012.
- Ayoade, Nickesha and **Abdulkadri, A.O.** “Determinants of Labour Force Participation in Jamaica.” 92nd annual meeting of the Southwestern Economics Association, San Diego, California, April 4-7, 2012. 26pp.

- **Abdulkadri, A.O.** Importance of Limited Dependent Variable Models in Consumer and Environmental Economics, 6th biennial meeting of the Central American and Caribbean Region of the International Biometric Society (IBS-RCAC),Mona, Jamaica. November 16-18, 2011.
- **Abdulkadri, A.O.** Economic and Social Costs of Substance Abuse in CARICOM Member States.” 4th Biennial Meeting of the Caribbean National Observatories on Drugs, Port of Spain, Trinidad. September 13-16, 2011.
- **Bullock, Colin.** “Critical Global And Domestic Trends and Implications For The Domestic Financial Sector.” Mona School of Business Seminar Executive Leadership Practice for the New Era of Financial Services” Kingston, Jamaica. February 10, 2012.
- **Bullock, Colin.** “Macroeconomic Adjustment and the Labour Market.” Trade Union Education Seminar on IMF Programme Adjustment, February 26, 2012.
- **Bullock, Colin.** “Tax Reform In Jamaica” Trade Union Education Seminar on Tax Reform. Kingston, Jamaica, March 21 2012.
- **Bullock, Colin.** “Generating Stronger Economic Growth.” Planning Institute of Jamaica Seminar on Growth Inducement Strategy in the Short to Medium Term. Kingston, Jamaica. September 6, 2011
- **Christie, Tamoya.** “Jamaica Tax Burden Distribution: Preliminary Estimates.” Planning Institute of Jamaica. Kingston, Jamaica. February 9, 2012.
- **Christie, Tamoya.** “Estimating the Distribution of Tax Burdens in Jamaica: A Methodology Review.” Planning Institute of Jamaica, Kingston, Jamaica. December 2011.
- **Christie, Tamoya** and Kirton, Claremont. “Estimating the Distribution of Tax Burdens in Jamaica: A Methodology Review,

Technicians' Seminar, Planning Institute of Jamaica, Kingston. November 2011. 15pp.

- **Christie, Tamoya** and Rioja, Felix “Financing Productive Government Expenditures: The Importance of Initial Fiscal Conditions” Bank of Jamaica Research Conference 2011, Bank of Jamaica, Kingston, September 29-30, 2011. 40pp.
- **Clarke, Christine A.** “Climate Change, Institutions and the implications for Rural Resilience.” SALISES 50-50 Conference - Globalization, Climate Change and Rural Resilience: The Challenge of Sustainable Development in the Caribbean and Beyond. Kingston, Jamaica. May 10-11, 2012. 27pp.
- **Figueroa, Mark.** “Visions of the West Indies: Extending the Images of Lewis and his Critics”. The Social Sciences Deans’ Forum, UWI, St Augustine, October 7, 2011.
- **Ghartey, Edward.** “Financial Development and Economic Growth: Empirical Study in South Africa,” Session on African Economic Development I, Allied Social Science Associations Meeting, Chicago, Illinois, USA, January 7, 2012.
- **Haughton, A.Y.** and Iglesias E.M. “Interest rate volatility, Asymmetry interest rate pass through and the monetary transmission mechanism: A comparison between Asia, the Caribbean and the US”. 2012 World Finance Conference, Rio de Janeiro, Brazil, July 2-4, 2012.
- **Haughton A.Y.** “The Monetary Transmission Mechanism and Regional Integration in the Caribbean”. 2012 Caribbean Studies Association **Conference, Le Gosier, Guadeloupe May 28 – June 3, 2012.**
- **Haughton, A.Y.** and Iglesias E.M. “Interest rate volatility, Asymmetry interest rate pass through and the monetary transmission mechanism: A comparison between Asia, the Caribbean and the US”. Caribbean Monetary Studies Conference, Barbados Central Bank, Barbados, November 15-18, 2011.

- **Houghton, A.Y.** and Iglesias E.M. “The Interaction Between Monetary Policy (interest rates) and Stock Prices: An Empirical evaluation of the Caribbean and the US”. COTE Conference on the Economy. U.W.I. St. Augustine, Trinidad and Tobago. October 5-8, 2011.
- **Claremont Kirton.** “Migration, remittances and development. Guyana case study”. Commonwealth Secretariat, Experts Meeting on the Development Benefits and Costs of Migration in Small States. Kingston, Jamaica, July 2012.
- **Claremont Kirton.** “Towards enhancing the Regional Integration process: Regional Financial Services Integration in CARICOM”. Caribbean Studies Association Conference. Guadeloupe, June 2012.
- **Kirton, Claremont** and Sheree Anderson. “Turning Our Heads to Haiti. The UWI-Haiti Scholarship Initiative and Its Implications for Regional Development”. 23rd Annual Conference. Haitian Studies Association. The University of the West Indies, Kingston, Jamaica. November 2011.
- Christie, Tamoya and **Kirton, Claremont.** “Estimating the Distribution of Tax Burdens in Jamaica: A Methodology Review”. Technicians’ Seminar, Planning Institute of Jamaica (PIOJ), Kingston, November 2011. 15 pp.
- **Tennant, David.** “Access to Finance by the Productive Sector in Jamaica: An Analysis of the Factors Affecting the Demand and Supply of Business Credit.” IDB Compete Caribbean programme, October 2011. 105 pp.

PUBLICATIONS

Chapters in Books

- * **Tennant, David.** “Factors Impacting on Whether and How Businesses Respond to Early Warning Signs of Financial and Economic Turmoil: Jamaican Firms in the Global Crisis”, in

The Global Crisis and the Developing World: Implications and Prospects for Recovery and Growth. Ed by Ashwini Deshpande and Keith Nurse. Routledge: UK, 2012.

Refereed Journal Articles

- * **Abdulkadri, A.**, S. Miller, S. S. Batie and S. Joshi, 2012. “Dairy Producers’ Perception of MAEAP Benefits by Stage of MAEAP Participation. *Michigan Dairy Review*, 17: 10-12.
- * Hoerr, S.L., **A.O. Abdulkadri**, S. Miller, C. Waltersdorf, M. LaShore, K. Martin and C. Newkirk, 2011. “Improving Measurement of the EFNEP Outcomes Using Factor Analysis of the Behavior Checklist.” *Journal of Extension* [On-Line], 49(4): Article 45EA5. <http://www.joe.org/joe/2011august/a5.php>.
- * **Christie, Tamoya** and Sjoquist, Dave. “New Business Survival in Georgia: Exploring the determinants of survival using regional level data, *Growth and Change* Vol. 43 (1) (March 2012), pp. 110-142.
- * **Christie, Tamoya.** “The Effect of Government Spending on Economic Growth: Testing the Nonlinear Hypothesis.” *Bulletin of Economic Research*, April 2012 (Online Version).
- * **Haughton, A.Y.** and Iglesias E.M. “Assessing Long Run Money Neutrality in Monetary Unions”, *International Journal of Finance and Economics*; published online October, 2011.
- * **Haughton, A.Y.** and Iglesias E.M. “Interest rate volatility, Asymmetry interest rate pass through and the monetary transmission mechanism: A comparison between Asia, the Caribbean and the US”, *Economic Modeling*, June 2012
- * **Haughton, A.Y.** and KnIfe, K.A.H. “Social Entrepreneurship-reducing crime and improving the perception of police performance within developing countries”, *International Journal of Entrepreneurship*, July 2012
- * **McLoud-Rose, Nadine** and Yongmiao Hong. “Testing the Structure of Conditional Correlations in Multivariate GARCH

Models: A Generalized Cross-Spectrum Approach,” *International Economic Review*, Vol. 52 (4)

- * **McLoud Rose, Nadine** and Subal Kumbhakar. “Institutions, Foreign Direct Investment and Growth: A Hierarchical Bayesian Analysis,” *Journal of the Royal Statistical Society: Series A*, Vol. 175.

Non-Refereed

- * **Figueroa, Mark**. “Introducción (introduction)”. In Arthur Lewis: Teoría para el Desarrollo Económico y Social del Caribe (Theory for the Economic and Social Development of the Caribbean), ed. Graciela Chailloux. Ciencias Sociales. Havana: v-xxxvi.

Technical Report

- * **Abdulkadri, A.O.** “An Assessment of the Economic Costs of Substance Abuse in CARICOM Member States: Jamaica, Suriname, and Trinidad and Tobago – Trinidad and Tobago Report.” Study Report Submitted to the CARICOM Secretariat, Georgetown, Guyana, May 2012, 66 pp.
- * **Abdulkadri, A.O., M. Tracey, M. Witter, and L. Allen**. “Consumption Patterns and Coping Strategies of PATH Households.” Study Report Submitted to the Ministry of Labour and Social Security, Jamaica, November 2011, 91 pp.
- * **Christie, Tamoya and Kirton, Claremont**. Preliminary Report on “Jamaica Tax Reform 2011/12: Implications for Tax Incidence, Social Equity and Social Protection”, April, 2012, 36 pp.
- * **Claremont Kirton**. “Report of Accreditation visit to NCB Corporate Learning Centre (NCBCLC) for UCJ Accreditation”. Kingston, Jamaica. September 2011. 13 pp.
- * **Tamoya Christie and Claremont Kirton**. “Jamaica Tax Reform 2011/12: Implications for Tax Incidence, Social Equity and Social Protection”. PIOJ. 2012. 36 pp.

- * **Tennant, D. F.** “Access to Finance by the Productive Sector in Jamaica – An Analysis of the Factors Affecting the Demand and Supply of Business Credit Report.” Prepared for the Inter-American Development Bank’s Compete Caribbean Project, 2011, 108 pp.
- * **Tennant, D. F.,** Philip Osei and Warren Benefield. “Process Evaluation of the Steps to Work Pilot Programme.” Prepared for the Ministry of Labour and Social Security, Jamaica.2011, 210 pp.

Income Generation

David Tennant received a grant award from CIBC - First Caribbean International Bank Research Grant Award for the project: ‘Determinants of Selected Bank Fees and Charges: A Cross-Country Comparison’ (US\$17,230 – August 2011-present).

PUBLIC SERVICE

Abdulkadri, Abdullahi

- Reviewer, Applied Economics.
- Conference Organizing Committee Member, Climate Change and Rural Resilience Conference, SALISES 50-50 Conference.

Bullock, Colin

- Chairman, Financial Services Commission Board of Commissioners
- Member, Council of Economic Advisors to Minister of Finance
- Member, Gleaner Council on Governance

Clarke, Christine

- Technical Advisor, Special Retreat of the Select Parliamentary Committee on Tax Reform
- Board Member, Chair of the Budget Committee and Member of the Audit Committee, Bank of Jamaica

- Member, Board of Directors of the Bank of Jamaica
- Member, Econometric Modelling Network

Figueroa, Mark

- Member, Board of Directors: Jamaica Environment Trust

Freckleton, Marie

- Member, Board of Directors: Jamaica Bauxite Mining Company, Bauxite Alumina Trading Company of Jamaica

Ghartey, Edward

- Member, Senate Appeal Committee
- Member, Faculty Steering Committees/Dean Advisory Group, The UWI
- Director, African Finance and Economics Association

Gordon, Peter-John

- Member, Board of Directors: The Productivity Centre

Kirton, Claremont

- Chairman, Jamaica Stock Exchange (JSE) Panel of Judges, JSE Broker Analysts' Market' Research Competition.

Tennant, David

- Member, Government of Jamaica's Steering Committee responsible for Reforming the Public Sector Pensions System and the National Insurance Scheme
- Member, Jamaica Survey of Living Conditions Steering Committee
- Member, Board of Commissioners of the Financial Services Commission.
- Chairman, Board Pensions Committee
- Member, Board Insurance Committee

STUDENTS

Undergraduate students:

During the academic year 2011/12, the Department of Economics taught 7883 students in the undergraduate courses. The Department also awarded six undergraduate prizes.

Graduate Training:

MSc Economics

During the period, the Department had 40 students registered students in the programme, 21 first year students and 19 second year students in the programme. Of this amount, 13 students have been recommended to graduate in November 2012. The Department also awarded three Graduate Studies Award to students.

MSc International Economics and International Law

During AY2011/12, the MSc International Economics and International Law programme had three students registered in the 2011/2012 academic year; 1 first year student and 2 second year students in the programme. The two second year students have been recommended to graduate in November 2012.

Teaching Achievement

During the period under review, lecturers in the Department scored an average of 4.1 on the UWI Evaluation exercise.

DEPARTMENT OF GOVERNMENT

Jessica Byron, BA, Dip Int Rel *UWI*, PhD *Geneva*
– Head of Department

Introduction

In 2011-2012, the Department of Government continued to focus on enhancing teaching and learning activities, maintaining its research and publications output, its public outreach and its community service. The key strategic objectives for the Department during 2011-2011 continued to be succession planning and curriculum review for relevance, quality and innovation. Another major focus was on boosting visibility and communication through media interviews and revamping the department's website in time for the new academic year of 2012-2013.



Staffing

The Department of Government welcomed two new staff members during 2011-2012. Dr. Dhanaraj Thakur joined us in August 2011 as Lecturer in Politics with a specialization in Research Methods. Dr. Thakur is a graduate of the Department of Government and of the University of Technology who went on to pursue graduate studies in Development Studies and Public Policy at the London School of Economics and the Georgia Institute of Technology. His research interests include exploring the relationship between Information and Communication Technology (ICT), democracy and gender in the developing world, particularly in the Caribbean. Since he joined the staff, he has assumed responsibility for teaching Research Methods at the undergraduate level and for directing a PhD/MPhil seminar on Research Design. He has also developed a new

undergraduate course on the Internet and Democracy which is slated for initial delivery in 2012-2013.

The Department also welcomed Dr. Akhil Malaki, lecturer in International Political Economy (IPE), who joined us from the University of Stockholm in February 2012 where he had been lecturing for several years. Dr. Malaki holds graduate degrees from University of Mysore in India and from Stockholm University in Sweden and his research interests include microfinancing in the Caribbean and more generally, economic development in Latin America and the Caribbean. He has assumed responsibility for the IPE courses delivered at graduate and undergraduate levels in the Department and for the research supervision of several graduate students, likewise for the development of a new graduate course on IPE, Global Political Economy and the Environment

There were several staff departures. Professor Rupert Lewis retired in September 2012 after some forty years spent in the service of the University of the West Indies. Professor Lewis was Professor of Political Thought in the Department of Government. He has made an impressive contribution to the study and the teaching of Caribbean political philosophy with his work on Walter Rodney and Marcus Garvey. He has guided several doctoral candidates to the completion of their dissertations in recent years and has been very active in the work of the Centre for Caribbean Thought and in supporting the development of the Marcus Garvey Museum at Liberty Hall. Dr. Diana Thorburn resigned in December 2011. In Semester Two 2011 – 2012, we also bade farewell to two much appreciated adjunct lecturers Mrs Fernann Chin Yee and Ambassador Alison Stone-Roofe, now Jamaica's ambassador to Brazil, likewise to Dr. Kimberly Moloney, Mrs. Lisa Vasciannie and Mr. Shane Cunningham. The Department is profoundly grateful to all these colleagues for their contributions to our work over the years and we wish them all the very best in their future activities.

The Department warmly congratulates Dr. Eris Schoburgh who was promoted to Senior Lecturer at the end of the academic year 2011-2012. It likewise extends good wishes to Dr. Jermaine McCalpin, who was awarded a Mona research fellowship and departed on one year's research leave at the end of the academic year. Many of these developments have

necessitated a continued emphasis on the recruitment of both temporary and tenure track staff in 2012-2013.

Teaching and Learning

For the academic year 2011-2012, the Department of Government had 561 undergraduates registered in its Majors and 106 M.Sc students, 12 MPhil/PhD students registered in its graduate programmes. The Department delivered its usual array of some 33 undergraduate and 25 graduate taught courses not only to its Majors but to a large number of students who were registered for Minors in its programmes, or were taking departmental electives or doing the compulsory foundation course in Law, Governance, the Economy and Society which is offered by the Department. One new undergraduate course, GOVT 3118-Policy Analysis and Evaluation was introduced into the Public Sector Management programme in 2011-2012. The work on curriculum development continued apace with the preparation of four new courses in Political Science and International Relations which are slated for delivery in 2012-2013.

Students benefitted from a range of guest lecturers, including the representative of the Republic of Korea to Jamaica, senior officials from the World Bank, the International Monetary Fund and the Ministry of Finance and Dr. Paula Royster, visiting US academic and researcher on African-American genealogy. International Relations students sat in on a panel discussion entitled “The Relevance of the Commonwealth to Jamaica and the rest of the Caribbean” at the Ministry of Foreign Affairs and Foreign Trade on Commonwealth Day, while Public Sector Management students attended the budget debates in Parliament. In other Public Sector Management courses, students held lively debates on the value and impact of Commissions of Enquiry and on the contributions of public enterprises to economic development. International Relations students conducted a multilateral negotiations simulation of peace talks between the Syrian government and opposition forces and the international community.

In February 2012, nine International Relations and Political Science students who are members of the UWI United Nations Club participated in the Harvard University Model United Nations General Assembly, where they represented the country of Panama. They were accompanied by Faculty Advisor Shane Cunningham, Teaching Assistant in the Department. We note with great appreciation the generous support received from the Office of the Vice Chancellor, the Principal, the FSS Dean and the Ministry of Foreign Affairs in preparing the students to participate in this Model Assembly. Political Science students collaborated with CVM television to provide commentary during the coverage of general election night in December 2011. They again collaborated with CVM, together with other students, by taking part in a televised forum on April 17, 2012 on the first 100 days in office of the People's National Party administration. Twenty-six undergraduate students from International Relations and Public Sector Management took part in internship assignments in government agencies, international organizations and non-governmental organizations between June and August 2012. Three M.Sc. students were selected to do internships at JAMPRO from July to August 2012 while one student from the MSc in Politics and International Cooperation interned at the Ministry of Trade and Industry. Unfortunately the UWI Parliamentary Internship programme was not operational in 2011-2012.

The Department of Government, for the fourth consecutive year, received the highest student evaluation scores for its graduate taught courses in the Faculty of Social Sciences. In September 2011, Mr. Robert Buddan and other faculty members delivered two weekend workshops to MSc students designed to support them in the task of designing and executing their research papers. The Department also awarded graduate assistantships to five outstanding students. In terms of throughput in the graduate programmes, by the end of the academic year, 39 students had submitted their MSc Research Papers for examination, seven more than in the previous academic year. Three PhD candidates, Richard Harry, Lisa Ann Vasciannie and Carol Nelson successfully defended their dissertations in September 2011 and March 2012 respectively, while three MPhil candidates had successful Upgrade Seminars and are now registered as PhD candidates. Most of the new MPhil/PhD candidates participated

in a Research Design seminar GOVT 6178 in Semester Two and presented their proposals to their peers and to faculty in a series of colloquia during April 2012. Two graduate students, Peter Bailey and Emlynn Francis, presented their research work on the PetroCaribe programme and on Cuba-CARICOM Health Cooperation at the University of Havana's Cuba Catedra Conference on Regional Integration in December 2011.

Conferences, Research and Publications

During 2011-2012, members of the Department of Government published two monographs, four book chapters, nine refereed journal articles, one technical report and two book reviews. Faculty members attended conferences and delivered papers not only in Jamaica but in Trinidad, the Dominican Republic, Cuba, Italy, Spain, the United States, California, South Africa, Canada, Brazil, Argentina, Colombia, the United Kingdom, Turkey, Martinique and Guadeloupe. The details of these activities appear further on in the report but we merely mention a couple of items to emphasize the breadth and diversity of faculty research interests and contributions. Professor Rupert Lewis delivered lectures in Salvador de Bahia, Brazil as part of the commemoration of 2011 as the Year of African Descendants and in San Andres, Colombia. Dr. Sonia Gatchair attended IDRC workshops in Argentina to develop research proposals on Innovation for Development, while Dr. Eris Schoburgh participated in an international research seminar on Public Management at the University of Vergata in Rome. Dr. Clinton Hutton made two major presentations at a conference on Caribbean Art in Martinique in October 2011 while in March 2012, Dr. Thakur co-organized a panel on National ICT Policies in the Context of Small Island Developing States at the Fifth International Conference on ICTs and Development in Atlanta. The session was livestreamed and facilitated online participation from colleagues at UWI Mona.

The Department had a busy year of monthly research seminars at which six MPhil/PhD candidates and at least three staff members presented papers. Additionally, several faculty members participated in the SALISES Fifty-Fifty research clusters and seminars leading up to the August 2012

Fifty-Fifty conference. Faculty members were active in both the organization of and delivery of papers/presentations at cross-campus conferences, notably the annual conference of the Faculty of Social Sciences which was hosted at UWI Mona January 16-18, 2012. Four faculty members, Professor Rupert Lewis, Drs. Hutton, Schoburgh and Byron attended the Caribbean Studies Association annual conference held in Gosier, Guadeloupe from May 28 to June 1, 2012, delivering papers on citizenship and local governance, regional integration and the participation of non-independent territories in the Caribbean and the genesis of the Rastafarian movement in the Caribbean. In the context of the jointly taught MSc programme on Politics and International Cooperation, Dr. Jessica Byron and Mrs. Lisa Vasciannie, together with Professor Brian Meeks and Dr. Patsy Lewis from SALISES met at the Universite Antilles Guyane (UAG) in Schoelcher Martinique with counterparts from UAG, from the Institut d'Etudes Politiques of the University of Bordeaux and from the French Ministry of Higher Education May 25-26, 2012. They reviewed the functioning of the jointly delivered MSc programme to date and discussed expanding research collaboration among the three sites.

The Department performed very well at the Principal's Research Day awards on January 27, 2012. Dr Clinton Hutton received one of the two FSS Best Research publication awards for his article entitled "Oh Rudie: Jamaican Popular Music and the Narrative of Urban Badness in the Making of Post-colonial Society" *Caribbean Quarterly* 2010. Dr. Lloyd Waller, Dr. Sonia Gatchair, Mr. Gavin Daley, Mr. Stephen Johnson, Miss Shinique Walters along with Professor Anthony Harriott and Dr. Kevon Rhiney received an award for the research project with the greatest business development impact in the Faculty. Their project concerned the development of a national strategy for mainstreaming youth development in Jamaica. Finally, the Centre for Leadership and Governance received two awards at the Principal's Award Ceremony. One of the awards was for the FSS research project attracting the most funding for 2010-2011. This was the project directed by retired Professor Trevor Munroe on strengthening governance in Jamaica which benefitted from a UK DFID grant of 166,000 pounds sterling. The second award was for the Research Project with the Greatest Business/Economic/Development Impact.

This second award was for the development of a National Youth Mainstreaming Strategy for Jamaica.

Public Service and Outreach

Members of the Department were engaged in a very wide range of public and university service activities. The latter included Dr. Eris Schoburgh's work as FSS Associate Dean for Special Initiatives, Professor Rupert Lewis' work as FSS Associate Dean for Graduate Studies, Dr. Kim Moloney's service on the UWI Mona Research Ethics Committee and Dr. Lloyd Waller's participation as a member of the team that conducted an Internal Review of the UWI Cave Hill Political Science programme in March 2012 as well as his direction of the many national surveys conducted under the auspices of the Centre for leadership and Governance. Members of the department were active on several boards, committees and commissions, both local and international. Local contributions include Miss Nicola Satchell's involvement with a Ministry of National Security initiative to develop a three year strategic plan to combat domestic violence. Activities further afield include Dr. Schoburgh's service as a member of the Executive Committee of the Commonwealth Local Government Forum (CLGF) and International Research Society for Public Management, Dr. Byron's contribution in May 2012 to a study commissioned by the OECS on the incorporation of non-independent territories into integration groupings in the Caribbean and Dr. Moloney's service as a board member of the International Chapter of the American Society for Public Administration (ASPA).

Faculty members, notably Dr. Christine Cummings and Dr. Clinton Hutton contributed analyses on political developments, sports development and other social and historical issues throughout the year to radio and television media, also making presentations at national venues. Dr. Byron gave two media interviews to Radio Nova in Bordeaux France in January 2012 on Jamaican constitutional issues and on the Department's research activity to Power 106 in March 2012. Mrs Vasciannie contributed insights on the role of the Commonwealth in Election Observation to a forum organized by the Ministry of Foreign Affairs and Foreign Trade on the role and relevance of the

Commonwealth to the Caribbean, while Dr McCalpin gave a number of presentations locally and internationally on themes of genocide and restorative justice.

Activities of the Centre for Leadership and Governance

During 2011-2012, the Centre for Leadership and Governance conducted the following surveys for various stakeholders.

- Customer Satisfaction Survey: Passport, Immigration and Citizenship Agency (PICA), 2012
- Jamaica National Perception Study of HEART TRUST/ NTA: HEART TRUST/NTA, 2012
- GAP Analysis of National Youth Programmes in Jamaica: National Centre for Youth Development (NCYD), 2012
- Programmatic Inventory/Database of Youth Programmes in Jamaica: National Centre for Youth Development (NCYD), 2012
- Support to the National Debates Commission (UNDP), 2011
- National Youth Mainstreaming in Jamaica: National Centre for Youth Development (NYCD), 2011

The Centre hired 147 students and provided specialized training to 34 of them to assist in carrying out these projects. The Centre generated J\$25 million in 2011-2012.

PAPERS PRESENTED

- **Byron, Jessica.** “The Role of Regionalism in the Sustainable Development of Small Economies”. UN ECLAC Development Round Table, Port of Spain, Trinidad. September 12-13, 2011
- **Byron, Jessica.** “Developmental Regionalism in a Time of Recession: CARICOM’s Quest to Remain Relevant”. UNIBE/ Fundacion Vidanta International Seminar on Development,

Integration and Cooperation in a Globalized Caribbean, Santo Domingo, Dominican Republic. November 10-11, 2011.

- **Byron, Jessica.** “Whither Caribbean Regionalism?”, “Contemporary trends in Development Diplomacy: Commonwealth Caribbean Engagement with Latin America Today”. University of Havana Cuba, Catedra Conference, December 7-9, 2011.
- **Byron, Jessica.** “Contemporary Political and Economic Developments in Jamaica”. Universite Antilles-Guyane, Campus Fouillole, Pointe-a-Pitre, Guadeloupe. CORECA (Caribbean Civil Society Organization engaged in development and humanitarian activities) January 19, 2012.
- **Byron, Jessica.** “Academics engaged in Programme France Caraïbes on the evolution of the jointly delivered BSc/MSc in Politics and International Cooperation and on strengthening the dimension of research cooperation”. Universite Antilles-Guyane, Schoelcher Campus, Martinique, workshop for UWI/UAG/ University of Bordeaux Institut d’Etudes Politiques, May 25-26, 2012.
- **Byron, Jessica.** “A Comparative Look at the Participation of Non-Independent Territories in CARICOM and the OECS” 37th Annual Caribbean Studies Association Conference, Le Gosier, Guadeloupe. May 27 – June 1, 2012.
- **Byron, Jessica.** “Preparation of academic article on the Research Methodology of the BGD Programme.” Istanbul, Turkey, Terminal Convenors Workshop for Building Global Democracy Project 2008-2012. July 12-16, 2012.
- **Waller, L.** (2012). E-participation Experience among the Jamaican African Diaspora: Can Facebook Encourage Political Talk among Politically Apathetic Jamaican Youth? California State University’s Africa at the Crossroads Revolution, Democracy, Youth Empowerment, Social Media and Non-Violence. Sacramento California, USA, April 2012

- **Waller, L.** (2012). Youth and E-participation in Jamaica. 12th European Conference on e-Government ECEG 2012, June, Barcelona, Spain, May 2012
- **Vasciannie, Lisa.** “Teaching theories in the periphery-One Size does not Fit All”. Conference – SE Millenium Conference on Teaching International Relations Theories.
- **Schoburgh, Eris D.** “The elusive goal of ‘perfect administration’ – An assessment of the Accountability Framework in Jamaica’s Public Sector Reform”. 16th IRSPM Conference, University tor Vergata, Rome, Italy, April 11-13, 2012, 25 pp.
- **Schoburgh, Eris D.** “Situating Citizenship in the Post-modern Era: Hypothesizing the Informal Citizen-self in Socio-economic Praxis in the Caribbean.” 37th Annual Caribbean Studies Association (CSA) Conference Creole Beach Hotel, Le Gosier, Guadeloupe, Antilles Francaises, May 28 – June 1, 2012, 27 pp.
- **Schoburgh, Eris D.** “(Re)Positioning Public Management Research in the Caribbean: Constructing the Agenda for the Next Fifty Years.” SALISES’ 50/50 Conference, Pegasus Hotel, Jamaica, August 20-24, 2012.
- **Gatchair, Sonia.** Distributional Consequences and S&T Policies: Learning from Recombinant Insulin. Gordon Research Conference (2012).
- **D. Thakur, J. Wang, and S. Cozzens,** “What does International Co-authorship Measure?” Atlanta Conference on Science and Innovation Policy, Atlanta, USA, September 15-17, 2011.
- **D. Thakur,** “National ICT policies in the SIDS context,” 5th International Conference on Information and Communication Technologies and Development (ICTD2012), Atlanta, USA, March 12-15, 2012.
- **D. Thakur,** “ICTs for Women and Girls: Technological Trends and Strategies,” Panel presentation – Achieving Equality in ICTs

for Women and Girls: Issues, Opportunities and Strategies. UWI Mona, May 17, 2012.

- **D. Thakur**, “Gender and Reciprocity In the Online Deliberations of NGOs In the Caribbean,” International Political Science Association’s World Congress of Political Science. Madrid, Spain, July 8-12, 2012.
- **Suzette Haughton**, “Jamaica’s Strategic Culture and Security”, Florida International University/Applied Research Center and US Southern Command, September 5-6, 2011.
- **Maziki Thame**, Disciplining the Nation – Considering the Privileging of Order Over Freedom in Postcolonial Jamaica and Barbados, Salises 50/50 Conference, Critical Reflections in a Time of Uncertainty, Kingston, Jamaica, August 2012
- **Maziki Thame**, “Caribbean Racial Contracts: Racing the Caribbean – Jamaica and Barbados”, Conference on Ethnicity, Race and Indigenous Peoples, University of California, San Diego, November, 2011.
- **Maziki Thame**, “Against Black Nationalism: Brown Power in Jamaica in Early Independence”, Equity, Justice, Development: People of African Descent in Latin America in Comparative Perspective. Sephis/University of Cartagena Conference, Colombia, March 2011.

PUBLICATIONS

Books

- * **Buddan, Robert**: Foundations of Caribbean Politics, Arawak Publishers, Kingston, 2012 (Second Edition: Updated and Extended)
- * **Suzette Haughton**, Drugged Out: Globalisation and Jamaica’s Resilience to Drug Trafficking, University Press of America,

Lanham, Maryland: USA and Plymouth: United Kingdom, September 2011.

Book Chapters

- * **Waller, Lloyd.** 2012. ICTs and Agriculture in Jamaica: Exploring the Possibilities of M. In Hopeton Dunn (Ed.) Ringtones of Opportunity (pp. 118-127). Ian Randle Publishers
- * **J. Byron** (2011) “The Caribbean Community’s Fourth Pillar: The Evolution of Regional Security Governance” in Kirchner E., Dominguez R. eds. The Security Governance of Regional Organizations, London: Routledge, pp. 136-162.
- * Bortagaray, I., **Gatchair, S.**, (2012) “Assessing and Producing Tissue Culture Banana Plantlets in Costa Rica and Jamaica: Insights on Distributive Consequences of Emerging Technologies”. Technological Forecasting and Social Change 79 (2) 213-222.
- * **Schoburgh, Eris D.** 2012. “Top-down, bottom-up or a synthesis?” An exploration of implementation theory and Public Sector Reform Practice: The Case of Jamaica”. In Ann Marie Bissessar (Ed) Problems in the Implementation of Government Policies in the West Indies: Essays on the Challenges Created by Cross-Border Jurisdictions. Lewiston: The Edwin Mellen Press, pp. 251-291.

Book Review

- * **J. Byron** (2011) Paget Henry, Shouldering Antigua and Barbuda: the Life of V.C. Bird Hertford: Hansib Publications 2010 in *Social and Economic Studies* Vol. 60, Nos 3&4, pp. 226-231.
- * **Maziki Thame** Charles Mills, Radical Theory, Caribbean Reality: Race, Class and Social Domination. *Social and Economic Studies*, Vol 60, Nos. 3 & 4, Sept/Dec 2011: 221-225

Journal Articles

- * **Waller, L.** (2012). Interviewing the surveyors: factors which contribute to questionnaire falsification (curbstoning) among Jamaican field surveyors. *International Journal of Social Research Methodology*, 10 May 2012, 1-10. (Published)
- * **Schoburgh, Eris D.** 2012. "Local Government and Local Development: Bridging the gap through critical discourse: Evidence from the Commonwealth Caribbean". *Commonwealth Journal of Local Governance Issue 10*: December 2011 – June 2012, pp. 5-29. Webbed at: <http://epress.lib.uts.edu.au/ojs/index.php/cjlg>
- * **D. Thakur**, "Diversity in the Online Deliberations of NGOs in the Caribbean." *Journal of Information Technology & Politics*, 9,1 (2012):16-30.
- * **D. Thakur**, "A Limited Revolution – The Distributional Consequences of Open Source Software in North America." *Technological Forecasting and Social Change*, 79, 2 (2012): 244-251.
- * **D. Thakur**, "Market Competition and the Distributional Consequences of Mobile Phones in Canada," *Technological Forecasting and Social Change*, 79, 2 (2012): 223-230.
- * **D. Thakur**, "Leveraging Information and Communication Technologies for Development (ICTD) in the Caribbean," *Geography Compass*. 6, 1 (2012):1-18.
- * **Jones H.** (2011) Doping in Sports: Athletes and Privacy Rights Considered. *West Indian Law Journal*, Vol. 36 (1), pp. 175-194.
- * **Maziki Thame**, "Against Black Nationalism: Brown Power in Jamaica in Early Independence, 1960-1980", 76 Kings Street: *Journal of the Liberty Hall – the Legacy of Marcus Garvey*, Vol 2: 7-22, 2011.
- * **Maziki Thame**. "Reading Violence and Post-colonial Decolonization through Fanon – The Case of Jamaica", *Journal*

of Pan African Studies, Special Issue – Veneration and Struggle: Commemorating Frantz Fanon, Vol 4, No. 7, 2011:75-93

Technical Report

- * **Suzette Haughton** and Franklin Knight, “Jamaica’s Strategic Culture”, Florida International University, Applied Research Center and Latin America and Caribbean Center, August 2011, pp. 1-47.

PUBLIC SERVICE

Lloyd Waller

- Independent Commissioner, Jamaica Labour Party’s Independent Strategic Review Commission (ISRC)
- Internal and External Methodology and Methods Quality Advisor, Jamaica Labour Party’s Internal Assessment Team (ISRC)
- Board Member, Student Loan Bureau.

Jermaine McCalpin

- Consultant, Jamaica Council of Churches, Truth and Justice Action Group.

Robert Buddan

- Board Member, National Housing Trust
- Board Member, Social Development Commission
- Chairman, Committee: Prime Minister’s Task Force
- Member, Sports Marketing Steering Committee of the Ministry with Responsibility for Sports

Sonia Gatchair

- Academic Advisor, Public Sector Management Undergraduate students
- Co-ordinator, GOJ/UWI Internship Programme

- Co-chair, Public Sector Management Session – UWI Cross-campus Conference
- Member, Curriculum Reform Sub-committee

Eris Schoburgh

- Director, Board of the Social Development Commission

Christine Cummings

- Board Member, Courtney Walsh Foundation
- Analyst/participant on Caribbean Politics on RJR, TVJ, JNN and Independent Talk
- Analyst/participant on Politics and Sports on News Talk 97

PRIZES and AWARDS

The Department of Government awarded the following students for their outstanding performances for the Academic year 2011/2012 at the annual Faculty Awards ceremony held January 2012.

Ann Spackman Prize

Travis Renaldo Atkinson

GT11A -Introduction to Political Institutions

Archie Singham Memorial Prize

Danielle Sadaine Jones

GT22C-Foundations of Caribbean Politics

Dwight Mark Thompson

GT22D-Politics in the Caribbean

Carl Stone Prize

Natasha Marcelle Birthwright

GT24M-Research Methods in Political Science

Gladstone E. Mills Prize

Rohan Keith Wright

BSc Public Sector Management

Nethersole Prize

Rohan Keith Wright
BSc Political Science

Paulette Wilson Prize

Chantel Keefer Mathurin

Sir Laurence Lindo Prize

Nalisa Agnes Marieatte
BSc International Relations

Rosina Wiltshire Prize

Andrea Marie Dubidad
MSc International Relations

MSc Staff Prizes

Peter Antonio Bailey
MSc International Relations,
Research Paper

Latoya Stacy-Ann Nugent
MSc Comparative Politics/Political
Theory Research Paper

Rowena Elizabeth Wedderburn
MSc Public Sector Management,
Research

DEPARTMENT OF MANAGEMENT STUDIES

Densil A. Williams, BSc, MSc *UWI*, PhD *Manchester Business School*
– Head of Department

WORK OF THE DEPARTMENT

The academic year 2011/ 2012 saw some significant developments in the life of the Department. Over this period, the Department continued its focus on operationalizing its 3 year strategic plan. The core thrust of the plan is to differentiate the Department of Management Studies at Mona from other entities that offer Management education in the domestic marketplace. To this end, the academic year started off with our usual Departmental retreat where we planned the activities for the year; that will help us to achieve our central strategic goals. Our focus in the planning exercise was on the main areas of responsibilities for the Department: **Teaching and Learning, Research and Innovation and, Outreach and Internationalization**. The activities around these core areas formed the nucleus of the work which the Department focused on over the year.



Teaching and Learning

In the area of teaching and learning, our critical focus for the year was the review of the Department’s curriculum. We benchmarked our curriculum against the top schools that offer management degrees and based on the results from this bench-marking exercise, we revised our curriculum to reflect the current trends in the market place for higher education in business and management. The exercise led to us revising the curriculum to allow students greater flexibility in pursuing their degrees in Management Studies. The Department moved away from offering specials and options, to offering majors and minors, a move which allows

students to undertake double majors and also major and minors in areas of interest that lie outside of the Department. This greater flexibility will help us to develop more rounded management students who, upon graduation, will not only be knowledgeable in the management disciplines but will also have a greater appreciation for the work done in other areas of the academe such as the natural sciences, the arts and liberal studies.

In August of 2012, the Department got approval from the various Campus and University committees to start offering majors in the following areas:

- Management Studies (General)
- Accounting
- Operations Management
- Marketing
- Human Resources Management
- Entrepreneurship
- Tourism Management
- Finance for our Western Jamaica Campus operations only

We also offer two minors in the areas of:

- Management Studies
- Accounting

These new offerings are just one step in the curriculum review process. There are many more changes that will have to be made in other areas of the curriculum as we strive to provide a world class management education to our students. This first step however, is a strong foundation for the other changes to come.

Besides the curriculum reform, other activities in the teaching and learning area included:

- Staff members attending IDU training seminars in order to improve their teaching delivery.

The Department – under the leadership of Dr. Chevers, the chairman of the teaching and learning sub-committee – held a training workshop at the beginning of the semester to help faculty members better prepare for their lectures and interaction with students. This workshop included facilitators from the Department of Education and the IDU.

- The department also continued its strong performance in teaching with staff members achieving scores above 4.5 out of a possible 5.

Research and innovation

A main focus of the Department’s differentiation strategy is the creation of new knowledge in the area of Management and Business Research. To this end, we continued to undertake research in various areas of the Management discipline. All full-time faculty members have become engaged in the research process through their participation in conferences, seminars and publication in high quality refereed journals. The high quality research from the staff members over the academic year are reported on further in this report. Some of the major highlights in this regard were:

- Mrs. Joan Thomas-Stone and Dr. Charlette Donalds won a Best Paper Award for their paper entitled “The effect of Blended Learning versus Conventional Delivery on Students’ Academic Performance in Jamaica: The Case of the University of the West Indies” at the Academy of Business Research Conference in March 2012.
- Dr. Delroy Chevers won Best Paper Award in the Management Section at the Academy of Business Research Winter 2011 Conference. The title of the paper he co-authored is “Factors influencing information systems quality and success in English-speaking Caribbean firms”.
- Dr. Densil A. Williams won a distinguished research award from the Allied Academies Fall Conference for his paper entitled “Industry sector and the export behavior of small, locally-owned firms”.

- Dr. Andrew Spencer's received the Institute of Travel and Tourism PhD thesis of the Year 2011/2012 award after his thesis was voted as the best thesis in the field of Tourism from the Institute of Travel and Tourism Education and Training Committee, United Kingdom.
- The research output in refereed journals for the period grew by fifty percent over the previous academic year, from eight to twelve journal publications.

Outreach and Internationalization

Another critical element in the Department's drive to differentiate itself was its focus on outreach and internationalization. We continued to engage our external and internal stakeholders in the knowledge generation process. To this end, the Department engaged in a number of research seminars and symposia and also engaged the students in the communities of the inner cities of Jamaica to help persons better develop their entrepreneurial talents. Some of the major highlights in this area include:

1. The Department held a symposium on how to help small firms to prepare for listing on the stock exchange. Prof Shaun Carraher of Indiana Christian University was the keynote speakers. The Minister of State for Industry and Investment and Commerce, Mrs. Sharon Ffolkes Abrahams also brought greetings on behalf of the Government
2. The Department also held a seminar on Management challenges in the 21st century. Mr. Jerome Maxwell, President of JAMALCO delivered the main address. Dr. Carlton Davis, former Cabinet Secretary and expert in the Bauxite and Alumina sector served as main discussant for the presentation.
3. In the arena of internationalization, the Department also welcomed its first cohort of South African students to its MSc in Accounting programme.

Further developments in these core areas of the Department's work are reported in the next section of this report.

While these core activities were at the heart of the work that the Department engaged in over the last 12 months, they were not exhaustive. The Department also continued with its day- to-day administrative and clerical functions. We continued to serve our internal and external clients in the most efficient ways. Indeed, the Department was once again the winner of the Deputy Principal's award for customer services at the Faculty of Social Sciences annual Faculty day. This is a testament to the hard work of the staff in the Department and our commitment to excellence in delivering service to our internal and external customers.

The remainder of the report will outline in detail, the specific achievements of the Department in the various areas of its core function of research, teaching and outreach. It will list the conferences, research papers, outreach activities of the members of staff which were carried out in order to further advance the development of the Jamaican economy and the wider Caribbean Society.

PAPERS PRESENTED

- **Blake, C.** “The Effectiveness of Law in Expanding the Use of Caribbean Non-dominant Languages”, International Conference on Law, Language and Discourse, City University of Hong Kong, Hong Kong, August 20-22, 2011.
- **Chevers, D.** “Key influencing factors of information systems quality and success in Jamaican organizations”, 17th Americas Conference on Information Systems, Detroit, Michigan, August 4-7, 2011.
- **Crick, A.** “They’re not Starbucks: The Emergence of Coffee Shops in Jamaica”, International Conference on Business Hospitality and Tourism Management, Runaway Bay, St. Ann, October 12-14, 2011.
- Haughton, A., **Knife, K.** & Lynch, O. 2012. “Social Entrepreneurship – reducing crime and improving the perception of police performance within developing countries”. Allied Academy Conference New Orleans, 2012.

- **Smith, T.** (2011). “Personality Trait as a Predictor of Brand Loyalty”. Academy of Business Research. Trump Plaza, Atlantic City, NJ, September 13-15, 2011.
- **Williams, D. A.** “Industry Sector and Export Performance of Small, Locally-Owned Firms”, Allied Academics International Conference in Las Vegas, October 12-15, 2011. pp 1-18
- **Williams, D. A.** (2012). Impact of entrepreneurial training on business discontinuation rate: A multi-country study. International Council of Small Business World Conference 2012, University of Massey, Wellington, New Zealand. pp. 1-22
- **Williams, D. A.** (2012). “Influence of R&D on export propensity of small, locally owned firms”. USASBE, New Orleans, USA. Jan 12-15, 2012. pp. 1-24
- **Williams, D. A.** (2012). International Standards and Trade: Evidence from Caricom Economies. QUEST for Global Competitiveness Conference, San Juan, Puerto Rico, March 15-16, 2012. pp 1-20.
- **Williams, D. A. & Hare, L.** (2012): “Competitiveness of Small Hotels in Jamaica: An exploratory analysis”. 2nd International Tourism Conference, UWI, St. Augustine, Trinidad & Tobago Jan 19-21. pp 1-35.

Non-refereed

- **Crick, A.** “No problem mon – Buffering hotel guests from external shocks”, Caribbean Studies Association Conference in Guadeloupe, May 28 – June 1 2012.
- **Eaton, S.** “Financial Regulation and Unregulated investment Schemes or Fraudulent Schemes”, the Academy of Business Research Conference in Las Vegas, USA on November 16, 2011.

- **Smith, T.** “Personality Trait as Drivers of Brand Loyalty with implications for Market Segmentation”, Rotary Club of Kingston, September.
- **Bean, D., & Spencer A.** (2012): An application of Butler’s theory of Performativity to the study of creative industries: the case of entertainment coordinators in hotels. UWI 2nd International Tourism Conference: “Tourism, Culture and the Creative Industries: Exploring the Linkages”. Trinidad and Tobago, January 18-21, 2012.
- **Guzder, J., Hickling, F. & Robertson-Hickling, H:** The Dream-A-World Project: A Multimodal Cultural Therapy project for disturbed 8-y-o children from Allman Town Primary School, Kingston Jamaica. July 3, 2012.
- **Hickling, F. & Robertson-Hickling, H.** (2012) Contextualizing Mental Health Primary Care and Resilience in Jamaica: The School as an Indigenous Institution for Psychological Transformation, Global Mental Health Seminar. McGill University, Montreal, Canada, July 3-4, 2012.
- **Hickling, F. & Robertson-Hickling, H.** (2011) Naming The Pain: Concepts of Intergenerational Trauma, World Psychiatric Association Buenos Aires Argentina September 18-23, 2011.
- **Williams, D. A.** (2012). Driving Growth and Returns in a Complex Brand World. Synergy Communications Brand and Marketing Summit, Jamaica Pegasus, April 19, 2012 pp 1-7.
- **Williams, D. A.** (2012). Michael Manley - 40 Years On - Looking Back, Looking Forward. Kingston and St. Andrew Parish Library- February 29, 2012.
- **Williams, D. A.** (2011). MSME Contribution to GDP Growth. Jamaica Business Development Centre Business Dialogue Series- November 15, 2011.

PUBLICATIONS

Book Reviews

- * **McLeod, M.** 2012. ‘A Review of “Planning for Tourism, Leisure and Sustainability, International Case Studies.”’ *Tourism Management*, 33:6, 1605-1606.
- * **McLeod, M.**, Vaughan, D. R., Edwards, J. 2012. “Knowledge networks in the tourism sector of the Bournemouth, Poole and Christchurch conurbation: a preliminary analysis.” In Scott, N. and Laws, E. Eds. *Advances in service network analysis*, Oxon: Routledge, pp. 71-87.
- * **McLeod, M.** 2012. ‘A Review of “Thinking Through Tourism.”’ *Tourism Management*, 33:3, 725-726.
- * **McLeod, M.** 2011. ‘A Review of “Understanding Tourism: A Critical Introduction.”’ *Tourism Geographies*, 13:1, 158-160.

Books

- * **Robertson-Hickling, H.A.** (2011). “White Squall on the Land. Narratives of Caribbean People” CARIMENSA Press, University of the West Indies. St. Andrew, Jamaica.
- * **Williams, D. A., & Morgan, B. M.** (2012) Competitiveness of Small Nations: What Matters? Arawak Publishers. Kingston: Jamaica pp. 1-186.

Refereed

- * **Barclay, L.** (2012) The Bauxite Industry of Suriname: Institutional Inefficiency in a Century of FDI-facilitated Underdevelopment, *Social and Economic Studies*, 61 (2).
- * **Barclay, L.** and Henry, Ralph (2011) Black Power and Equitable Business Participation: Forty Years on in Trinidad and Tobago, *Social and Economic Studies* 60 (3&4): 103-133.
- * Hickling, F., Paisley, V. & **Robertson-Hickling, H.** “Deinstitutionalization and attitudes toward mental illness: a

- qualitative study” *Revista Panamericana de salud Pública / Pan American Journal of Public Health*, 2011; 29(3):169-76.
- * Hickling, F. & **Robertson-Hickling, H.** (2012) Discrimination. In: Loue, M. & Sajatovic, M. (eds.) *Encyclopedia of Immigrant Health*. New York: Springer. Vol. 1, pp 554-556.
 - * **Smith, T.** (2012). The Personality Trait Predictors of Brand Loyalty. *Academy of Business Research Journal*, 3, 6-20.
 - * **Spencer, A.** (2011). Technology Adoption and the Leadership Imperative: Strategic Management Implications for Travel Firms. *Review of Tourism Research Journal* Vol. 9, No. 3., pp. 114-121.
 - * Buhalis, D., **Spencer, A.**, & 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. 1195-208.
 - * **Tennant, S.** (2011). Predicting the Likelihood of Firms Locating Along a New Road Facility: The Impact of Transportation Variables on Entrepreneurs’ Decision Making, *Regional Development Studies (United Nations Centre for Regional Development Studies)*, Vol. 14, 2011:1-10.
 - * **Williams, D.A. & Deslandes, D.** (2012). Functional Co-operation in Caricom: The Pivotal Role of Institutions. *Transition Journal*, 41.
 - * **Williams, D. A., & K’nIfe, K.** (2012). The Dark Side of social entrepreneurship. *International Journal of Entrepreneurship*. 16, pp 69-82
 - * **Williams, D. A. & K’nIfe, K. A.** (2012). Correlates of Gender and Credit Behaviour in Small firms: Evidence from a small, developing economy. *Entrepreneurial Executive*. 17, pp 69-86

- * **Williams, D. A.** (2012). Technology and the export behavior of small, locally-owned firms: new insight. *Journal for the Advancement of Developing Economies*.1, (1) pp. 3-23

AWARDS

- **Blake, C.** – Commonwealth Academic Fellowship at the London School of Economics and Political Science from January 15 – July 15, 2012.
- **Chevers, D.** – Best Paper Award in the Management Section at the Academy of Business Research Winter 2011 Conference (Las Vegas, USA) during November 14-16, 2011. The title of the paper he co-authored is “Factors influencing information systems quality and success in English-speaking Caribbean firms”.
- **Chevers, D.** – Best Paper Award for his paper entitled “The role of internal audit on good governance in the Jamaican Public Sector: A risk Management Perspective” at the Academy of Business Research Conference in New Orleans during the period March 14-16, 2012. Dr. Chevers co-authored the paper with Mrs. Jacqueline Chevers and Professor Trevor Munroe.
- **Donalds, C. & Thomas-Stone, J.** – Best Paper Award for their paper entitled “The effect of Blended Learning versus Conventional Delivery on Students’ Academic Performance in Jamaica: The Case of the University of the West Indies” at the Academy of Business Research Conference in New Orleans during the period March 14-16, 2012.
- **Knife, K.** – Distinguished Research Award, Allied Academies, 2011.
- **Smith, T.** – AACSB Best Paper Award for his paper entitled “Personality Trait as a Predictor of Brand Loyalty” presented at the Academy of Business Research Conference, Trump Plaza, Atlantic City, New Jersey during September 13-15, 2011.

- **Spencer, A.** – Institute of Travel and Tourism PhD thesis of the Year- 2011/2012. Institute of Travel and Tourism Education and Training Committee, United Kingdom.
- **Williams, D.** – Distinguished research award from the Allied Academies Fall Conference for his paper entitled “Industry sector and the export behavior of small, locally-owned firms”.

Research Seminars

The Department hosted a seminar on “Management Challenges in the Bauxite Sector in Jamaica”, October 21, 2011. The keynote speaker was Mr. Jerome Maxwell, president of Alcoa Jamaica Limited.

The Department hosted its Research Symposium on March 29th, 2012 in the UWI Council Room. The title of the symposium was “Managing Small Firms that Have gone Public”. The keynote speaker was Professor Shawn Carraher of the Indiana Wesleyan University, and featured speakers were Dr. William Lawrence of the Mona School of Business, Mrs. Michelle Chong of Honey Bun and Mr. Robin Levy of the Jamaica Stock Exchange. State Minister for Industry, Investment and Commerce – Mrs. Sharon Ffolkes-Abrahams brought greetings at the Symposium.

The Department, in conjunction with the Hugh Lawson Shearer Trade Union Education Institute, convened a four day workshop on ‘Re-inventing Collective Bargaining in the Public Sector’ during the period June 5-8, 2012 at the Faculty of Law – UWI, Mona campus.

Research Grant

Chevers, D. – Research Grant, under UWI’s New Initiative Grant, in August 2011 in the sum of J\$1,498,974, to pursue research work on the adoption of software process improvement (SPI) programs and Internet-enabled technologies in the English-speaking Caribbean.

Student Enrichment

The Tourism Society held its first executive retreat at Sandals Royal, Montego Bay at the invitation of the Sandals University from June 15-17,

2012. Main outcomes of the event was the redrafting of the constitution, planning activities and outreach for the new school year and forming a strategic alliance with the Sandals Resort International which should help to strength our image and motivate the students who have decided to pursue a career in tourism. The retreat was attended by six (6) outgoing and incoming executive members, the Faculty Advisor, Eritha Huntley Lewis, and representatives from Sandals Resort International including Mr. Wayne Cummings, Mark Fredericks, Mark Pike, Dr. Phillip Brown and Ms. Heather McDonald.

There was a ‘soft launch’ of the HRMAJ (Human Resource Management Association of Jamaica) UWI chapter on Thursday April 26, 2012. The guest speaker was HR specialist, Mr. Dayton Robinson. The club has approximately 30 members and was formed in March 2012. A formal launch will take place in the 2012/2013 academic year.

PUBLIC SERVICE

Dr. Lou-Anne Barclay

- Member of Executive Board, Academy of International Business –Latin American Chapter

Ms. Shirley-Ann Eaton

- Director of the Board, First Global Bank Limited and Chairman of the Audit Committee.

Dr. Hilary Hickling

- Member of the Board, St Andrew High School
- Member of the Board, Queen’s School
- Member of the Board, Placement and career Services
- Member, Teachers Services Commission
- Member, Mary Seacole Foundation

Dr. K’adamawe K’nIfe

- Director, Youth Crime Watch Jamaica
- Member, National Reparations Committee 2012.

- Local Coordinator, Student for the Advancement of Global Entrepreneurship
- Chief Examiner, for CAPE Entrepreneurship

Dr. Densil Williams

- Chairman, RADA National Board
- Deputy Chairman, Spectrum Management Authority
- Member, Audit Committee of the Spectrum Management Authority
- Commissioner, Fair Trading Commission
- Member, Steering Committee, Caribbean Centre for Competitiveness, UWI, St. Augustine Campus
- Member, Steering Committee, Collaborate for Life Project-
Jamaica Exporters Association

DEPARTMENT OF SOCIOLOGY, PSYCHOLOGY AND SOCIAL WORK

Clement Branche, BSc UWI, MSc, *London School of Economics*
– Head of Department

WORK OF THE DEPARTMENT

During the 2011-12 academic year the Department concentrated on enhancing and completing activities related to the following five areas of its strategic plan. The areas of:

- Departmental integration, team building, process development and monitoring
- Staff development, recruitment and succession planning
- Research, community, relevance and outreach
- Deepening of teaching and learning
- Funding



The Department also completed activities associated with the 50th Anniversary of the Social Work programme. In addition, a number of new initiatives were discussed and developed to be pursued in the new academic year and planning cycle beginning 2012.

Major Activities

Visit of Delegation from University of Connecticut

In October 2011, the Dean and seven faculty members of the University of Connecticut visited with the Social Work Unit in celebration of their 50th anniversary and the partnership they had shared with that institution for over 20 years. A full week of activities was undertaken over the period

including participation in the CVSS all day workshop in celebration of its 70th Anniversary; presentation to social work classes; field visits to a number of agencies and communities and attendance at the Child Rights Conference hosted by SALISES. Another significant visit was to the UWI Township Project in August Town which resulted in the University of Connecticut's interest in exploring the possibility of establishing a similar project in Hartford and using the local project as an option for a graduate practicum.

Community Research Workshop – UWI SWU / CVSS United Way

The Social Work Unit collaborated with the CVSS / United Way in planning and hosting an inaugural Community Research Workshop - *Promoting Research, Analysis and Results* – in October 2011. This was an event in recognition of the CVSS' 70th anniversary and sought to focus attention on research being done for and by the voluntary sector. Members of the Unit made presentations and facilitated discussion, which not only focused on what was being done and what had been achieved, but the areas of need for further research and development, particularly in the voluntary sector.

Departmental Seminars

Annual Derek Gordon Research Seminar

On April 12, 2012, the Department of Sociology, Psychology and Social Work, hosted the 16th Annual Derek Gordon Seminar at the Mona Visitors Lodge. The seminar was held under the theme, *Crime and Social Theory in the Caribbean*. The seminar commenced at 2:30, with opening remarks from the Head of Department, Mr. Clement Branche and greetings from Professor Rupert Lewis. The remarks of both speakers emphasized the contributions of Derek Gordon in areas of research, institutional building and as a strong advocate for social justice.

The seminar featured the research work of 28 graduate students, which was presented in six papers by a total of 11 students.

The seminar also honoured retiring Professor of Criminology, Bernard Headley. To this end, a panel consisting of four faculty members, critically

reflected on the academic and social policy contributions of the work of Professor Headley. This discourse was captioned under the theme ‘*Crime, Violence and Social Theory in the Caribbean*’.

The keynote speaker for the seminar was Dragan Milovanovic, PhD, Professor and Brommel Distinguished Research Professor, Justice Studies Department, Northeastern Illinois University, Chicago, Illinois. Dr. Milovanovic’s presentation was titled: *Constitutive Harm, Justice-Rendering Schemas, and Alternative Construction of Agency (Quantum Consciousness)*.

Dr. Michael Barnett coordinated the Peter Tosh Symposium as well as National Heritage Month Film and Lecture Program on behalf of the U.W.I. National Heritage Month Committee and the Department of Sociology, Psychology and Social Work, U.W.I.. Mona Campus. In February 2012 he was again engaged in the planning of a special Black History Month event, *Notions of Beauty in Black Communities in Jamaica* series on behalf of the Department of Sociology, Psychology and Social Work, UWI, Mona.

Staff Developments

Mr. Orville Beckford completed a Postgraduate diploma in teaching: Certificate in University Teaching and Learning (CUTL).

In May 2012, Ms. Ayesha Facey visited Washington D.C. where she completed a two-day StataCorp workshop entitled, “Using Stata Effectively: Data Management, Analysis and Graphics Fundamentals”. The aim of the programme was to expose individuals to basic introduction on how to manipulate and utilize the software package to perform data analysis.

PAPERS PRESENTED

Edwards, Dennis

- Assessment of developmental disorder in childhood. Jamaica Teachers Association and Canadian Teachers Federation summer Institute. Sam Sharp Teachers College. July 2012.

- Developmental disorders in special needs children. Salvation Army School for the Blind. Salvation Army School for the Blind. Sixty Minutes. July 28.

Bailey, Arlene

- and Ngwenyama, O. (2012) “Identity and Identification in Online Communities: A Symbolic Interaction Perspective”, Proceedings of the International Conference on Information Society (i-Society 2012), London, United Kingdom, June 25-28, 2012, pp. 256-261, IEEE.

Brodie Walker, Stacey

- An Analysis and Treatment of Eating Disorders in Jamaican Adolescents (January 14, 2012). University of West Indies, Mona Western Jamaica Campus. 1st International Scientific Conference: Dying to Be Beautiful? Body Image, Eating Behaviours and Health in the Caribbean.

Lipps, Garth

- with De La Haye W, Clarke T, Lowe G, Longman-Mills S, Barton EN, & Bain B. “A Comparative Study of Loneliness and Social Support among Individuals with and without the HIV Virus.” 2011 Caribbean HIV/AIDS Conference, Nassau, Bahamas (November 19, 2011).
- With Henry, M. (2011). “Negative Affectivity as a Mediator of Attachment and Depression during the Transition to University.” Caribbean Regional Conference of Psychology – 2011, Nassau, Bahamas, November 18, 2011.
- with De La Haye W, Clarke T, Lowe G, Longman-Mills S, Barton EN, & Bain B (2010). “HIV and Depression.” 7th CCAS HIV/AIDS Workshop, St. Michael’s, Barbados (August 26, 2010).

Govia, Ishtar

- Jamaicans at Home and Abroad: Identities and Health Perceptions. 30th International Congress of Psychology, Cape Town, South Africa. (July 2012).
- Brown, D. R. Ferguson, T., & Boothe, M. (2012, July). Emergent non-communicable chronic diseases in the English-speaking Caribbean. International Conference on Health in the African Diaspora, John Hopkins Bloomberg School of Public Health, Baltimore, MD.
- Psychologically Healthy Workplaces: Global and Local Perspectives. 30th Annual Convention of the Jamaica Employers' Federation, Ocho Rios, Jamaica. (May 2012).
- Racialized Identities and Psychological Well-Being among a Sample of University Students in Jamaica. 1st International Scientific Conference: Dying to Be Beautiful, Montego Bay, Jamaica. (January 2012).
- Researching Caribbean populations: Tools for the toolkit. Caribbean Regional Conference of Psychology, Nassau, Bahamas. (November 2012).

Ricketts, Heather

- "Assessing Students' Anxieties: Two School Experiences." 6th Annual Caribbean Child Research Conference, Kingston, October 19-20, 2011.

Gayle, Herbert

- 'Men as Parents: the Challenges of Fatherhood'. Sandals Foundation, Sandals Grande Riviera, Ocho Rios. May 19, 2012.
- 'Leave No Child Behind: The Case of our Boys.' The Jamaica Independent Schools' Association Principal Conference, Sunset Jamaica Grande, Ocho Rios, Jamaica. October 7, 2011.

Barnett, Michael

- Applying the Afrocentric Paradigm as an Investigative Tool of Analysis to shed light on the Epistemological, Ontological, Axiological and Cosmological Dimensions of the Rastafari Movement. 23rd Cheikh Anta Diop Conference, Philadelphia, October 7, 2011.
- Positioning Marcus Garvey as the Founder of the Black Power Movement in the United States. Aswad Conference in Pittsburgh. November 2011
- Leonard Howell's comparative impact on the Rastafari Movement in relation to the other First Generation Leaders of the Rastafari Movement. 37th Caribbean Studies Association Conference. (May 28 - June 2), Guadeloupe. May 2012
- Revisiting Leonard Howell as the First Rasta. 2nd Leonard Percival Howell Symposium U.W.I. Mona Campus, Kingston, Jamaica, June 15, 2012.

Chadwick-Parkes, Sandra

- "Building Business and Local Community Relationships, Synergies and Cooperation." Oral presentation, Happy Communities Conference, Aruba, December 6-8, 2011.

McLean Cooke, Wendy

- & Donalds, S. (2012). Primary Caregiver Perspectives on early childhood sexuality in Jamaica. Social Work Social Development 2012: Action and Impact Conference to be held in Stockholm, Sweden, July 8-12, 2012.

Taylor, Orville

- Churches/GSB Training Seminar. How the Plantation Past affects Contemporary Relations. Jamaica Pegasus. July.

- Fifty Years of Trade Union Struggle: Retrospection, Introspection and Reflection. UWI, HLS Trade Union Education Institute. Emancipation Park, May 2012.
- Career Choices and Decision Making. UTECH, Management Seminar, April 2012.

Public Lectures

- **Brodie Walker, Stacey.** “Eating Disorders: The Jamaican Experience”. University of West Indies, Mona Western Jamaica Campus. 1st International Scientific Conference: Dying to Be Beautiful? Body Image, Eating Behaviours and Health in the Caribbean, January 13, 2012.

Poster Presentations

- **Brodie Walker, Stacey.** January 26, 2012. Factors impacting delinquency in Jamaican and African-American adolescents. Poster, Faculty of Social Sciences, University of the West Indies, Mona, Research Day Conference: Promoting Health and Wellness: The UWI, Mona’s Innovative Approach.

Research

Gayle, Herbert

- Special examination of violence in Trinidad – under the Male Status Project, Ministry of the People and Social Development, Government of Trinidad and Tobago. (Completed this year)
- ‘The People Dead Project: An Examination of the lives of 120 career killers across 7 countries from 19 gangs including Crips, Bloods, Mara 18s, MS13, 22nd Street, Shower Posse, One Order, Clansman, Unity, and Rollers.’

PUBLICATIONS

Book Chapters

- * **Barnett, M.A.** 2012. Rastafari in the New Millennium: A Rastafari Reader. (Editor). Syracuse, NY: Syracuse University Press.
- * **Barnett, M.A.** & Onoura, Adwoa. 2012. “Rastafari as an Afrocentrically Based Discourse and Spiritual Expression.” In Rastafari in the New Millennium. (Ed. Barnett, M.) Syracuse, NY.: Syracuse University Press
- * **Barnett, M.A.** 2012.”From Wareika Hill to Zimbabwe: Exploring the Role of Rastafari in Popularizing Reggae Music” In Rastafari in the New Millennium. (Ed. Barnett, M) Syracuse, NY.: Syracuse University Press.

Refereed Journal Articles

Barnett, Michael

- * & James, Andrene 2011. Marcus Garvey as the Father of Pan-Africanism, Black Nationalism and Ethiopianism. In *76 King Street: Journal of Liberty Hall, the legacy of Marcus Garvey*. Vol.2. Kingston, Jamaica: Friends of Liberty Hall (Marcus Garvey) foundation.

Brodie Walker, Stacey

- * (2012). An analysis and treatment of eating disorders in Jamaican Adolescents. *International Journal of Humanities and Social Science*, 2(5): 60-64.
- * and Morgan, K. 2011. The impact of family structure on child development in Jamaica. In Osei-Mensah Aborampah and Niara Sudarkasa (Eds.) Extended Families in Africa and the African Diaspora, Chapter 14, pp. 337-352. Trenton, NJ: Africa World Press.

Non-Refereed

Ricketts, Heather

- * Patricia Anderson & (2011). “Urban Livelihoods and the Global Economic Crisis: A Case Study of Greater Portmore.” UWI Mona: Department of Sociology, Psychology and Social Work. Report submitted to the Office of the Principal, April 2012

Technical Reports

- * **Heather Ricketts**, M. Jennifer Jones and Aldrie Henry Lee (2012). “Situation Analysis of Children’s and Women’s Rights, Jamaica.” Report prepared on behalf of UNICEF, Jamaica
- * **Chadwick-Parkes, Sandra**. 2012. Building Disaster Resilient Communities: An Assessment of Community Disaster Risk Management Groups in Jamaica. Study conducted on behalf of the Building Disaster Resilient Communities (BDRC) project, Office of Disaster Preparedness and Emergency Management (ODPEM) Jamaica.
- * **Chadwick-Parkes, Sandra**. 2012. Youth Armed Violence Interventions: The Caribbean and its Toronto Diaspora. Study conducted on behalf of Project Ploughshares and Peacebuild, Canada. Report available at www.ploughshares.ca
- * **Edwards, Dennis** et.al (2012). Operations Manual for Juvenile Rehabilitation Centre in St. Kitts and Nevis; (UWI Consulting / Development Bank Project).
- * **Edwards, Dennis** et.al (2011). Manual for Individual and Group Counselling – St. Kitts Juvenile Rehabilitation Centre (UWI Consulting / World Bank Project).

AWARDS

Mrs. Marina Ramkissoon, received the SALISES Visiting Fellowship Award, February 1 – May 30, 2012. She was also the recipient of an

‘honourable mention’ in the UWI, Guardian Life Premium Teaching Award Competition 2012.

PUBLIC SERVICE

Edwards, Dennis

- Member, International Federation of the Red Cross / Red Crescent (IFRC/RC) International Expert Roster for psycho-social recovery.
- Vice President, Jamaica Red Cross
- Member, UWI Centre for Disabilities Studies
- Member, Ministry of Education - Safe Schools Programme
- Member, Ministry of Education – Programme for Alternative Students Support
- Member, Ministry of Education – Independent Schools Commission
- Member, Jamaica Association of Guidance Counsellors in Education

Bailey, Arlene

- Organizing Co-Chair, International Federation for Information Processing Working Group 9.4 Conference 2013, Social Implications of Computers in Developing Countries
- Program Co-Chair, Association for Information Systems Special Interest Group on Global Development 2012 Annual Conference
- Member, ICT4D Jamaica

Beckford, Orville

- Member, St. Catherine Red Cross
- Member, Grace Missionary Church Inner City Programme
- Member, Eltham Missionary Church Sunday School Outreach Programme – Gordon Pen, St. Catherine

Govia, Ishtar

- Adjunct Faculty Associate, Program for Research on Black Americans, Institute for Social Research, University of Michigan, Ann Arbor, MI.

Barnett, Michael

- Co-organizer, National Expo event at the Haile Selassie High School
- Member, Currently on the Fund-Raising Board for the Haile Selassie High School.

Taylor, Orville

- Board Member, Museums of Ethnography
- Board Member, JCF Promotions Board
- Board Member, Asafa Powell Foundation
- Board Member, National Library of Jamaica
- Member, School Board, St. Patrick's Primary School
- Chair, Special Constabulary Association Annual Conference
- Member, Press Association

Ricketts, Heather

- Reviewer, *Journal of Happiness Studies*,
- Reviewer, *Journal of Eastern Caribbean Studies*
- Reviewer, *Caribbean Journal of Education*
- Member, Technical Steering Committee - Jamaica Survey of Living Conditions, PIOJ
- Member, Steering Committee - Effective Social Protection, PIOJ and Ministry of Labour and Social Security
- Member, Social Policy cluster – SALISES 50/50 Project
- Member, Grenada Studies cluster – SALISES 50/50 Project

Chadwick-Parkes, Sandra

- Member, CVSS/UWJ Research and Planning Committee

Gayle, Herbert

- Member, Board of Management of Children First Agency
- Member, Board of Management. Griffin Trust, Jamaica (Managers of Hush the Guns Project).
- Chairman, Fathers Incorporated
- Member, Violence Prevention Alliance (UWI, Ministry of Health).
- Member, Centre for Studies in Public Safety and Justice

Mitchell, Rashalee

- Department Representative, Student/Staff Liaison Committee
- Social Policy Cluster Member, SALISES 50/50 Project
- President, Rotary Club of Portmore

THE LIBRARY

MONA

Year ending July 31, 2012



**Leona Bobb-Semple, BA *Univ of Guyana*, DipLib *UWI*,
MLS *SUNY, Albany* – Campus Librarian**

Overview

During the year under review the Library sought to grapple with the economic challenges it faced and to devise ways to overcome these challenges. Chief among these was the ability to provide resources in a stringent economic climate. Collection development of print resources experienced the greatest negative impact. As with other academic libraries, growth of print collections was stagnant but the provision of electronic resources continued to improve. This illustrates that the Library is in step with the global shift in investment in libraries from print collections to electronic and digital content. Recognition must be given to the fact that despite this general decline in the acquisition of print material, the collections of the newly created Law Library and the Western Jamaica Campus Library experienced marginal increases in collection growth.

The Library benefitted from significant donations throughout the year reaching the appraised value of J\$8,265,000.00 which helped to boost and fill gaps in the West Indies Collection. Each gift to the Library represents an investment in student development and the Library will continue to be aggressive in this area.

Accelerating the growth of electronic and digital collections continued to be an important focus for the Library and, due to strong partnerships and collaborative purchasing with other UWI Campus libraries, access was provided to 55,381 electronic journals, 70,960 e-books and 1,304,579 e-theses.

As information is provided in a variety of formats from complex sources, the Library maintains the new discovery and access platform *UWILinc* that provides seamless access to electronic, digital, print resources and multimedia, free and fee based, held by the major libraries in the UWI System. The introduction of a new website was an imperative for 2011-12. Users are now provided with a one-stop shop, which pulls together access instruments, policies, feedback instruments and general information on the libraries. The Library also sought to utilize social networking to bring users and information together through Twitter and Blogs in the Medical Branch Library.

As the end of the last year of the 2007-12 Strategic Plan cycle approached, the Library reviewed its strategic plan to verify what had been achieved since its introduction, and the areas that still needed to be addressed. One such area was assessing the Library's performance to ascertain whether it was achieving its core responsibilities. To this end, the Library applied for, and was awarded an In-Kind Grant valued at US\$3,200.00, from the Association of Research Libraries. This made it possible to administer the LibQual+® service quality survey in April, while in June an overall review of the Library sponsored by the Office of the Campus Principal was undertaken. An automatic survey was also generated to patrons using Virtual Reference. These instruments will assist the Library in determining the impact of its services and will guide us on areas for strategic focus over the next five years.

Information Literacy continued to impact the teaching and learning process, and student experiences and development. This was evident in the significant number of students with whom direct interaction took place during the year, as well as some successes in the thrust to embed information literacy in courses. Information Literacy is now embedded in 44 courses.

The Library continued to repurpose spaces and increase seating during the academic year. Five new open carrel reading spaces and a casual space in the MERIC Lab in the Main Library provides undergraduate students with a multipurpose area which now combines the existing

computer lab, printing service, laptop loan service, access to print reference material and casual seating.



New Undergraduate Spaces in MERIC Lab

INFORMATION RESOURCES

Due to the pervasiveness of ‘anytime, anywhere access’ the Library has been focusing increasingly on the provision of e-resources and digital content to the extent that 55,381 electronic journals were provided to users, as well as digital documents in 11 collections. The Library also had access to 70,960 e-books and 1,304,579 e-theses. The Acquisitions Section expanded its search range in support of reading list items to encompass e-resources from the Internet and the Library’s database. Growth of the print collections continued to show some decline due in no small part to budget constraints.

Table 1: Five Year Growth of Printed Monographs

	2007/2008	2008/2009	2009/2010	2010/2011	2011/2012
New Titles	3119	4602	4731	2924	2080
Volumes	5153	6751	6996	5779	4394

Digital Initiatives

The strengthening of the digitization capabilities of the Library is vital to support and enhance the campus's research capacity. The Library provided access to 4,866 items in 11 digital collections. Material digitized during the year includes the *Priestly Diaries*, small political newspapers such as *Abeng* and *Moko*, and the *Edward Seaga Scrapbooks*. Plans for the creation of a Library Digitization Centre in the Main Library had been developed and was submitted to the Office of the Campus Principal for approval and financial support. Such an area would allow for more purposeful and concentrated approach to our digitization programme rather than the shared approach which now exists.

West Indies and Special Collections

The Special Collections benefitted from a number of donations throughout the year. Overseas and local donors as well as University academics were among those persons giving or committing to give their papers and books to enhance the collection. Among these are Professor Claremont Kirton, Professor Sir Roy Augier, and Professor Emeritus Barry Higman.

Material from the Rex Nettleford bequest was received in the Library. This includes 2,850 books (not included in current acquisitions statistics in Table1) 200 large manila files and 200 folders of papers. The Library became the custodian of the papers of Victor Stafford Reid, noted Jamaican writer. These comprise over 6,000 sheets of literary manuscripts, correspondence, newspaper clippings and photographs, which have been sorted, organized and listed. Professor Emeritus Barry Higman donated seven paintings, 12 manuscript poems and correspondence from Ras Dizzy to complement the *Joe Pereira Collection of Ras Dizzy Paintings*. Other significant donations were made which enhanced the collections of the Law Library and the Western Jamaica Campus Library.

The handover ceremony for the BBC Caribbean Archive was held on November 4 in the Library's Multifunctional Room. The collection is made up of the BBC Caribbean Service broadcasts for 1988-2011 and includes 3,000 hours of recordings and corresponding scripts. The collection is presently being digitized at the Alma Jordon Library, but the originals will be housed at Mona.



Miss Yolanda Tugwell, WJC Library, receiving a copy of "The Caribbean: From Pirates to Hoteliers" from Mr Josef Forstmayr (left) also in the picture is Mr Michael Williams, Acting Director, WJC.

Finding Aids

A draft finding aid for the *P J Patterson Collection* was completed and edited. The final document will be made available on the Library's website. A database was created for the *Tanzilo Collection*, which covers Jamaican popular music.

Work commenced on the integration of the *John Hearne Collection*. Twenty-two folders containing 704 documents have been organized and listed.

The *Tony McNeill papers* were sorted and a preliminary listing has been created.

Descriptions of some Special Collections have been created and included in the Library's new website thus giving them some measure of prominence and publicity.

The Cataloguing Section continued its work to enhance UWILinc, the UWI Campus Libraries' search and discovery portal. Apart from new material work continued on the inclusion of backlogs of special collection material hence the Queen Anne and Princess Alice Collections have been catalogued, and 592 electronic links were created for the Edward Seaga Files (ESF).

Work on the provision of metadata for electronic and digitized collections is ongoing. *A West Indian Journey of the 1961 Undergraduate* with 108 photos was completed along with some items in the *UWI Historical Photograph Collection*. In order to ensure that students and researchers can locate hidden material, retrospective conversion also continued. In total 6,569 items were converted and linked to the OPAC.

Use of Information Resources

The Reserve Book Collection (RBC) continued to experience the heaviest checkouts of material. Even with that, strategies have been put in place to rationalize the Reserve Book Collection (RBC) in the Main Library to ensure greater efficiency. In May, an ongoing project was embarked on to identify books that are not linked to current courses and are not on reading lists. These books, once identified, could be removed systematically and placed in other locations such as on the open shelves or the West Indies Collection. The project will continue through to December 2012 during which time the liaison librarians will consult with the department liaison representatives in an effort to determine the status of the books which have been identified. It is expected that at the end of the exercise the collection will be thoroughly streamlined cutting down on retrieval and the waiting time of students requesting material, as well as removing to circulating shelves material otherwise hidden in RBC.

Overall, however, collection checkouts continued to show some decline for the Main, Science and Medical Libraries with a slight increase in the Western Jamaica Campus Library and, not surprisingly, a significant increase in the Law Library.

Table 2: Checkouts by Library

Library	Overnight Books	Reading Room Books	Open Shelf Books	Periodicals	Total
Law	7,847	2,291	844	18	10,240
Medical	1,334	515	2,920	411	5,180
Science	11,249	1,790	6,970	79	20,088
Main	33,227	9,751	30,604	1,517	75,099
WJC	1,985	577	603	6	3,171
Grand Total	47,639	14,924	41,941	2,031	106,535

- Decreased by 14.8% in the Main Library
- Decreased by 18.7 % in the Science Library
- Decreased by 17.6% in the Medical Library
- Increased by 337% in Law Library
- Increased by 13.7% in WJC Library

Electronic and UWI print theses saw heavy usage by both undergraduate and postgraduate students. This is reflected in the statistics for online access to ProQuest Thesis Database, provided below, which indicates that 31,197 theses in different subject areas were downloaded while a total of 1,210 UWI theses were also consulted.

Electronic Databases

Library users continued to adapt very easily to the availability of electronic databases from their homes, offices and other locations. The reduction in the loan statistics of printed copies of periodicals and the significant increases in the usage of databases support this view.

Examples provided below demonstrate the heavy usage of two of the popular multidisciplinary databases, EbscoHost and ProQuest. Searches in EbscoHost database during 2011-2012 increased by nearly 100% while full text downloads increased by 151%.

Table 3: EBSCOHOST Database Activity: 2009-2012

Year	Searches	Full Text Download
2009-2010	710,224	124,383
2010-2011	809,621	170,934
2011-2012	1,464,616	430,322

Table 4: EBSCOHOST Database Activity: August 2011 – July 2012

Month	Searches	Full Text	PDF Full Text	HTML Full Text
August	24,991	5,105	3,057	2,048
September	104,433	20,216	7,143	12,886
October	235,257	50,289	16,701	33,096
November	180,155	27,954	9,435	18,241
December	51,676	7,156	3,911	3,120
January	38,306	4,548	2,510	1,970
February	206,939	29,962	13,866	15,709
March	242,646	28,132	15,059	12,777
April	157,109	18,567	10,729	7,641
May	64,359	7,241	4,591	2,425
June	12,065	12,065	8,218	3,727
July	5,136	5,136	3,138	1,953
Total	1,464,616	216,371	98,358	115,593

Table 5: PROQUEST Database Activity: August 2011 – July 2012

Searches	Database	Abstract	Full Text
67158	Dissertation & Thesis: Business	349	1,487
66920	Dissertation & Thesis: Health & Medicine	594	3,199
66831	Dissertation & Thesis: History	250	535
66915	Dissertation & Thesis: Literature & Language	383	1,666
66863	Dissertation & Thesis: Science & Technology	747	6,603
67320	Dissertation & Thesis: Social Sciences	4,225	17,130
66804	Dissertation & Thesis: The Arts	239	577
TOTAL	Dissertation & Thesis (PQDT)	6,787	31,197
82983	Research Library: Business	3,857	9,713
82713	Research Library: Health & Medicine	4,420	9,680
82645	Research Library: History	4,275	11,876
82726	Research Library: Literature & Language	1,143	4,409
82635	Research Library: Science & Technology	1,430	4,327
83251	Research Library: Social Sciences	1,811	3,885
82563	Research Library: The Arts	175	382
TOTAL	ProQuest Research Library	17,111	44,272
71580	ABI/INFORM Global	7,246	26,273
111907*	Grand Total	31,144	101,742**

*NB: Searches are incremented every time the search button is clicked whether the search is by word, publication or topic.

** Documents are counted once document delivery occurs from the ProQuest electronic vault.

Disciplinary specific databases also show heavy usage. HINARI (Medical Sciences) showed usage of 1515 during the academic year 2007-2008 and increased over time to reflect usage of 7,545 in 2011-2012, while usage of SciFinder shows 3,590 searches and 1,759 full texts downloads.

The use of multimedia resources also reflected an increase as the use of audiovisual room requests increased to approximately 196 hours. The room was used for lectures and tutorials, as well as individual and group student viewing of multimedia resources. The resources were heavily

used by the Department of Literatures in English, Government, Reggae Studies Unit, and Institute of Caribbean Studies.

INFORMATION LITERACY

This academic year was a very productive one in all aspects of Information Literacy. Through excellent teamwork between librarians and library assistants in all libraries, effective lessons were developed and presented. The thesis scrutiny and consultation process saw improvements as well. Another success was the increase in the number of electronic tutorials, which were posted on the Library website for both undergraduates and postgraduates, so as to reach a wider audience. Examples of these are *Wikipedia, is it for you?* and, *Effective Research and Writing Strategies*. The Library now has to determine the extent to which these tools are being utilized and if they impact the performance of students.

The Mona Information Literacy Unit (MILU) participated in orientation for new faculty members. Mrs Karlene Robinson, Coordinator of MILU, gave the presentation “*The Library as a Resource Tool*” at the Instructional Development Unit’s series of seminar/workshop to orient new faculty to the requirements of working at the institution. Faculty members were also given a virtual tour of the Library, sensitized as to how to access its services and facilities, and how they could better help the Library to assist them. Chief among the points raised in the presentation was how information literacy could be of benefit to them in empowering their students to be life-long learners. She also made a presentation entitled “*Referencing and Citation Styles*” at the Office of Graduate Studies and Research’s Graduate Supervisors’ Workshop - “*Academic Integrity: Connecting the Dots*,” on April 18, 2012. Sessions specifically tailored for the faculty members in the Medical, Science and Law faculties and the Western Jamaica Campus were also conducted by librarians from the respective branch libraries. Increasingly, faculty members have been including information literacy in the teaching and learning process. This is evident from the increase in the number of

requests by faculty for customized sessions to meet the needs of their students, and the fact that Information Literacy is embedded in 44 courses.

Postgraduate Services

The Mona Information Literacy Unit targeted the reorganization of the thesis consultation and scrutiny process. In consultation with the Office of Graduate Studies and Research, a policy was developed and guidelines were put in place to structure and manage the entire process more efficiently and allow for greater standardization and productivity.

Thesis Scrutiny

The Unit continued to provide assistance to postgraduate students in face-to-face meetings as well as by e-mail regarding the format, arrangement, abstract and referencing of their theses. Figures below show the number of theses sent to the Library from Office of Graduate Studies and Research for scrutiny over the last three years.

Table 6: Thesis Scrutinized between 2009-2012

Year	Thesis		Total
	Masters	PhD	
2009-2010	43	49	92
2010-2011	41	53	94
2011-2012	32	54	87

Table 7: Consultations before and after submission

Year	Consultations
2009-2010	23
2010-2011	54
2011-2012	86

Through the auspices of the Office of Graduate Studies and Research, the Unit also presented sessions entitled:

- *“Networking: Making Most of Your Graduate Experience”*
- *“Library and the Graduate Student”*
- *“Library Guide in the Preparation of Thesis”*
- *“Reading and Interpreting Turnitin Originality Reports”*
- *EndNote Sessions.* EndNote Workshops were presented on the four Thursdays in September 2011. Other sessions were held throughout the year, which assisted faculty and students in the efficient preparation of their research papers and journal articles.

The work of the Library was recognized and awarded at the annual UWI Graduate Scholars’ Breakfast held March 1, 2012. The Library was praised for its contribution to the overall performance of postgraduate students and for its contribution to the reduction in plagiarism.

New Student Orientation

The Library participated in the annual orientation exercise conducted by Office of Students Services. To this end, the Library used a booth to publicize its services, along with video highlighting information on the Library system. Subsequent to orientation a number of open sessions on the use of the catalogue and databases were offered during the semesters, and a greater effort was made to incorporate this type of training in sessions requested by faculty. By so doing students were empowered to access resources at anytime and anywhere, extending the use of the Library’s resources outside of its walls.

Training Sessions

The following table shows the Information Literacy sessions conducted during the 2011-2012 academic year throughout the Library system.

Table 8: Information Literacy Training Sessions

Library	Sessions	Number of Attendees
Main	276	4,891
Law	10	262
Medical	12	146
Science	22	301
Western Jamaica Campus	18	249
Outreach	4	242
Total	342	6,091

These figures demonstrate that the Library reached approximately 40% of the student body in face-to-face sessions, during the year. As part of the First Year Experience Programme, the Coordinator of MILU also made a presentation to students at the Multipurpose Room, Rex Nettleford Hall of Residence, on “*Plagiarism and the Ethics of Information Gathering*”. The presentation took the form of a talk and a question-and-answer session, and was attended by over 400 students.

LAW BRANCH LIBRARY

The focus on collection building and staff development in the Law Branch Library continued during the academic year, and in April 2012 the Branch Library was deemed ready to support the full LLB programme offered by the Faculty of Law, Mona. Early in the academic year the University earmarked 30,000 pounds sterling for the purchase of law material, while the Library was successful in securing significant donations both locally and from international sources. The University of Alberta Library was very generous in its donation of books as well as copies of the Dominion Law Reports. A grant of US\$15,000 was also obtained through the auspices of the United States Embassy for the purchase of library resources.

MEDICAL BRANCH LIBRARY

Following on the physical renovation of the Medical Branch Library the matter of adequate furnishing was addressed. To this end, reading room chairs were re-upholstered, and soft furnishing, additional large reading tables, and tables and chairs for the Seminar Room and the Computer Lab, were acquired. The furniture was laid out for optimal use by the clientele and artwork hung in the Ground Floor and First Floor reading areas, creating an attractive and inviting ambience. Feedback from patrons on the total effect of the renovation and layout has been positive. A generator that ensured continuous and reliable electricity supply to the Library was delivered on December 21, 2011 and later commissioned into service. There has been a notable increase in patrons using the Medical Library's facilities since the completion of renovation.

Through the generous donation from Dr Paul Dishner some years ago the sum of US\$11,819.00 was used by the Library to acquire 78 e-books covering the areas of Sports Medicine, Diagnostic Imaging, Dentistry, Forensic Medicine, Nuclear Medicine, Nursing and Rehabilitation Medicine.

E-Resources Fair

The Medical Library organized an e-resources fair in March to promote the e-resources available for their clientele. This included a display of electronic resources, hands-on sessions on locating e-resources listed in the UWILinc, and demonstrations of medical databases. This resulted in an increase in reference consultations and in the use of databases in the Medical Library.

WJC BRANCH LIBRARY

The Western Jamaica Campus (WJC) Branch Library, in its fourth year of operations, continued to mirror and offer the relevant services from Mona to the WJC community. Activities included orientation for both postgraduates and undergraduates, the teaching of modules in all

foundation courses, thesis scrutiny and other information literacy activities, as well as outreach to the wider UWI community. Increasing numbers in the student population at the WJC Library have resulted in greater demands for collections, opening hours and staffing. The collection reflected some growth and increased usage, and efforts were made to address extended opening hours prior to the beginning of final examinations.

SCIENCE BRANCH LIBRARY

Some measure of security of personal items was provided in the Science Branch Library with the provision of a bag room in January 2012. This has resulted in the elimination of reports on the theft of students' personal items.

LIBRARY ASSESSMENT

LibQUAL+® Survey

The Library is assessed annually in selected disciplines as part of the departmental assessment to indicate how well it is supporting individual departmental programmes. These are conducted through the Quality Assurance Unit. The Library has not conducted a survey about its services for more than 20 years. In January 2012, the Library applied for and received an In-Kind Grant of US\$3,200 to conduct a LibQUAL+® survey. LibQUAL+® is a web survey which helps libraries to assess and identify areas which need improvement. The survey, conducted in April, assessed the *Affect of Service*, which is the quality of interactions between users and library employees; *Information Control*, which is the quality of the website, discovery tools and collections; *Library as a Place*, which is the quality of the physical libraries for research and learning. Some of the key concerns raised by respondents in free text comments were:

- Lack of quiet spaces for individual work
- Lack of spaces for group learning and group study
- Lack of sufficient computers
- Unreliable printing service
- Slow internet access
- Inadequate wireless connectivity
- Insufficient copies of books in RBC
- Discourteous staff members

An analysis of responses to survey questions revealed that respondents felt that the Library was meeting the minimum expectations in all three areas surveyed. From among the participants:

- 42% of undergraduates visited the libraries, and 39 % accessed library resources electronically
- 40% of postgraduates visited the libraries, and 39.93% accessed library resources electronically
- 25% of academics visited the libraries, and 42.31% accessed library resources electronically

The survey also indicated that all groups used Google or non-library gateways at least 79% daily. This is not unusual for library users worldwide, but concomitantly the use of the libraries and electronic resources must show higher percentages. The Library intends to address all issues raised during the new academic year.



Randomly selected students who were awarded prizes for participating in the Survey, along with five staff members.

Reference Service Assessment

The Library continued to provide face-to-face and virtual reference service throughout the year. A large numbers of students still required face-to-face reference interventions but Virtual Reference continued to show positive signs of growth. Three hundred and nineteen real-time and email questions were received during the period. This is an increase over 2010/2011 when there were only 193. Patrons responding to an automatic online survey indicated that 94.8% felt that this service is needed and should continue while 71.7% felt that the librarian was helpful.

Library Review

Based on an initiative sponsored by the Office of the Campus Principal, a Library Review was conducted from June 4 to 8. The Review was conducted by Mrs. Margaret Law, University of Alberta, Library; Mrs. Harriette Hermassi, Brown University Library; and Mrs. Jennifer Baxmeyer, Princeton University Library. The Review Team pointed to the strengths and weaknesses of the Library and made recommendations

for future development. The Library will be guided by the recommendations made by the Review Team as well as by the results of the LibQual+@Survey and the Reference Survey.

STAFF TRAINING AND DEVELOPMENT

The Library recognizes and acknowledges that the quality of our staff members and the work they completed over the past year has been crucial in the achievement of goals for 2011-2012. A number of training and development initiatives were put in place during the year to strengthen staff competencies in key areas in order to achieve these goals.

Share One Thing Programme

The 5th seminar in the “Share One Thing” programme was held in February. Mrs. Karlene Robinson presented the topic: *The authentic teacher—recognizing who you are as a teacher in order to connect with your students*. In this session she shared information she learned at the ACRL Information Literacy Immersion programme which she attended in July 2010.

Two ATS staff members Mrs. Noreen Dennis and Ms. Elaine Saunches made presentations based on experiences they gained from attachments at the University of Sheffield Library, England, and the Queen’s Public Library (New York) respectively.

An ACRL 5-part Leadership Webinar was also presented to librarians while a number of UWILinc training sessions were held throughout the year.

Customer Service Training

Efforts to improve customer relations are ongoing. A training session titled *Delivering Quality Customer Service in the Medical Library* was conducted for staff in the Medical Library. This session and others explored some of the basic precepts in delivering quality customer service. These included having the right attitude, going the extra mile for the customer, treating the customer with respect and courtesy, as well as developing strategies for dealing with the angry customer.

Mrs. Evadne McLean, Head of the Public Service Section, attended a workshop hosted by the UWI Health Centre devised to assist staff members to recognize the troubled student and guide them as to how best to provide the necessary assistance. Members of the staff also attended sessions tailored to assist them with working in a Law Library and to better equip them to deal with user enquiries. These sessions concentrated on how to find legal material and handle reference queries posed by clientele in the Law Library.

Technology Training

UWISPACE, the DSpace supported institutional repository developed at the Alma Jordon Library will be used by all campus libraries for storing digital assets. Consequently one of the Systems Librarian, Mrs. Maureen Kerr-Campbell, spent a week at the Alma Jordon Library obtaining training in the use of UWISPACE. On her return, she trained staff in the Cataloguing and West Indies and Special Collections Sections in workflows involved in the entering of metadata to records in UWISPACE. UWISPACE is accessible directly, or through UWILinc. Fourteen Service Staff members were also trained through the NVQ Level 1 Data Operations Training and Certification programme, a UWI HEART NTA initiative.

PAPERS PRESENTED

Sasekea Harris

- “Jay Jordan/OCLC/IFLA Fellowship: Ideas for Library Practice in Jamaica”. LIAJA Regular Meeting, Kingston & St. Andrew Parish Library. November 2011.
- “Writing the Research Report”. LIAJA Workshop on Research, Writing and Getting Published. Planning Institute of Jamaica. November 2011.
- “Preparing the Research Proposal”. LIAJA Workshop on Research, Writing and Getting Published. Planning Institute of Jamaica. November 2011.
- “Selecting & Evaluating Topics / Issues for Research”. LIAJA Workshop on Research, Writing and Getting Published. Planning Institute of Jamaica. November 2011.
- “Developing a Practical Advocacy Toolkit for School Librarians in the Age of Web 2.0 Technologies”. COMLA / IASL / LIAJA Workshop. IASL Pre-Conference Workshop #4. UWI Multifunction Room. August 2011.
- “Advocacy and Special Libraries”. LIAJA’s Special Libraries Section Meeting, Ministry of Mining, Industry and Commerce. July 2012.
- “Librarianship and Culture: Social Change in Post-colonial Jamaica”. SALALM LVII Conference. The Hilton Conference Hotel, Port-of-Spain, Trinidad and Tobago. June 2012.

Kerr-Campbell, Maureen

- “The West Indian Journey of the University College (UCWI) Undergraduates in 1961.” 77th International Federation of Library Associations (IFLA) Satellite Meeting. Christ Church, Barbados. August 2011

Claudette Thomas, Thelma White & **Pauline Nicholas**

- “Access to Vice-Admiralty and Colonial Records of the Trans-Atlantic Slave Trade and African Slavery in Jamaica.” World Library and Information Congress: 76th IFLA General Conference and Council. San Juan, Puerto Rico. August 2011.

Frances Salmon and Maureen Kerr-Campbell

- “Constitution and Enrichment of the Cousins Hereward Postcard Collection at the University of the West Indies Mona Library: Lessons Learnt.” 77th International Federation of Library Associations (IFLA) – PAC and RMBS Pre-Conference. Puerto Rico, August 2011.

Cherry-Ann Smart

- “Public access to government information in Anglophone Africa and the English-speaking Caribbean: Are we there yet?” IFLA 77, Puerto Rico, August 2011.

PUBLICATIONS

Refereed Journal Articles

- * **Beverley Lashley.** “Library profile: Caribbean Disaster Information Network.” *Link Magazine: Connecting Commonwealth Libraries*. The Association of Commonwealth Universities. January 2012.

- * **Pauline Nicholas.** “Creating a Digital Reference Agenda for Academic Libraries in Jamaica: An Exploratory Case Study.” *LIBRI*. 61 (2011):258-280.
- * **Pauline Nicholas & Thelma White.** “E-Learning, E-books and Virtual Reference Service: the Nexus between Library and Education” *Journal of Library and Information Services in Distance Learning*. 6:1 (2012):3-18.

Book Chapter

- * **Sandra Stubbs.** “Customer Service Tips for the Solo Librarian: Dealing with Patron Problems”, in How to thrive as a Solo Librarian ed. by Carol Smallwood and Melissa J. Clapp: Scarecrow Press, NY, 2011.

Books

- * **Sasekea Harris.** The Cultural Politics of Librarianship: Imperialism or Nationalism. Germany : LAP, 2012.
- * **Beverley Lashley & Mona Whyte.**(eds) Energy Conservation and Awareness Manual for Secondary Schools. Jamaica Fulbright Association, Caribbean Energy Information System, Jamaica Public Service Company Limited; Kingston, Jamaica: Jamaica Fulbright Association /Scientific Research Council, 2012.

PUBLIC SERVICE

Saseeka Harris

- Chair, LIAJA Research & Publications Committee
- Founder, University of the West Indies Library & Information Student Society (UWI-LISS).

- Staff Advisor, University of the West Indies Library & Information Student Society (UWI-LISS)

Maureen Kerr-Campbell

- Member, Church Prison Ministry Programme

Beverley Lashley

- Chair, Special Projects, Jamaica Fulbright Association
- Judge, National History Museum of Jamaica, Institute of Jamaica's Earth Day Essay, Photography and Poster Competition.
- Member, Library and Information Association of Jamaica

Pauline Nicholas

- Reviewer, *International Journal of Library and Information Science*
- Assistant Treasurer, Jamaica Fulbright Humphrey Association
- Member, The Online Computer Library Centre America Regional Council By Laws Committee
- Member, Tarrant Basic School Board

Dorothy Palmer

- Director, JAMCOPY Board

Andrea Robins

- Secretary, Library and Information Association of Jamaica (LIAJA)
- Member, ACURIL (Association of Caribbean University, Research and Institutional Libraries)
- Member, Dynamic Speakers Toastmasters Club and Toastmasters International

Sandra Stubbs

- National Judge, Jamaica Library Service Annual National Reading Competition
- Distinguished President, Kiwanis Club of St Andrew
- First Vice President, Florence Hall Village, Trelawny, Citizens' Association and Neighbourhood Watch
- Mentor, Westwood High School, Trelawny
- Election Day Volunteer

Cherry-Ann Smart

- Member, American Library Association
- Member, Editors' Association of Canada
- Member, Task force of the International Conference Call for Editors

**INSTITUTES AND RESEARCH
CENTRES LOCATED**

AT MONA

Year ending July 31, 2012

CARIBBEAN INSTITUTE OF MENTAL HEALTH & SUBSTANCE ABUSE (CARIMENSA)

**Professor Emeritus Frederick W. Hickling CD, DM, FRCPsych
(UK), FRSM, DLFAPA – Executive Director**

INTRODUCTION

The Caribbean Institute of Mental Health and Substance Abuse (CARIMENSA) was established as a Center within the Faculty of Medical Sciences in February 2008 with supportive relationships to the Section of Psychiatry in the Department of Community Health and Psychiatry. The Executive Director of CARIMENSA is Professor Emeritus Frederick W. Hickling of the Department of Community Health and Psychiatry.



Private/Public Partnerships

CARIMENSA has engaged in a private/public partnership with Psychotherapy Associates Ltd, one of the leading private medical research organizations in Jamaica (Figueroa & Henry Lee 1998). This collaboration has facilitated the development of CARIMENSA as a self-sustaining organization within the UWI, in keeping with its remit from the F&GPC UWI. Psychotherapy Associates Ltd. has provided office and classroom facilities, administrative and utility support for this fledgling UWI Institute.

WORK OF THE DEPARTMENT

Teaching

- Teaching of the Masters of Cultural Therapy

- One student has completed her final year. This student has successfully completed the taught courses for the programme and has submitted her Research Paper.
- The thesis written by Kathi-Ann Thomas entitled “Enhancing social skills and improving self-esteem in adolescent males through a Cultural Therapy Intervention”, has been submitted.
- The programme was not able to commence for the upcoming academic year.

Service

Conducted the Psychological Treatment module of the Poverty Reduction Program (PRP-II) project which was managed by Vanessa Paisley on behalf of the Caribbean Institute of Mental Health and Substance Abuse (CARIMENSA) over the period September 26 – December 26, 2011. The purpose of this project was to assist in improving the mental and emotional health of 37 youth (ages 17 to 30), who were beneficiaries of interventions under the PRP II. To achieve this goal, CARIMENSA collaborated as a consultant organization through which psychological treatment provision for participants in the youth development and parenting education activities were conducted. This project was an extension of the previous psychological assessment component conducted in September to December 2010, for which careful assessment of the target population was done to provide a detailed understanding of their psychological state and factors that will impact their ability to successfully attend and complete the programme, and necessary steps required to enhance functioning through therapeutic intervention. All therapeutic interventions were conducted by a team of individuals contracted to the CARIMENSA and intervention recommendations were made.

PAPERS PRESENTED

World Psychiatric Association Buenos Aires September 18-23, 2011

- Naming the pain: Concepts of Intergenerational Trauma. H. Robertson-Hickling, **F.W. Hickling**, Enduring Mental Health

Effects of Colonialism on Post Colonial Peoples. Chairperson: F.W. Hickling, September 19, 2011.

- Resilience and social capital in African Caribbean mental health H.A. Robertson Hickling, **F.W. Hickling**. Personality Disorder and Conflict in Jamaica. Current Research on Transcultural Psychiatry in Caribbean Countries, Chairperson: FW Hickling, September 20, 2011.
- Spirituality, traditional healing and mental health care in the Caribbean. **F.W. Hickling**. The Impact of Spirituality on Conflict Management and Resolution (organized by the WPA Sections on Religion, Spirituality and Psychiatry, and on Conflict Management and Resolution), September 21, 2011.
- Environmental challenges and mental health: the Caribbean Experience. Globalization and Ecological Changes: Effects on Mental Health (organized by the WPA Sections on Ecology, Psychiatry and Mental Health, on Conflict Management and Resolution, and on Psychiatry in Developing Countries), **F.W. Hickling**.
- **FW Hickling**: The Roast Breadfruit Psychosis – Culture Migration and Mental Health. Jamaica Western Regional Mental Health Week Conference, Montego Bay, October 11, 2011.
- **FW Hickling**: Ken Royes Rehabilitation Center: A model for Rehabilitation. The Jamaican Ministry of Health Annual Review for Mental Health November 11, 2011.
- **FW Hickling**: The Management of Employee Relations in the 21st Century: The Context of Small Professional Practices. Jamaica Land Surveyors Association Conference, Liguanea Club, Kingston, December 9, 2011.
- **FW Hickling**: Community Mental Health: Then and Now. Portland Annual Mental Health Conference, Port Antonio December 10, 2011.
- **FW Hickling**: The Roast Breadfruit Psychosis – Culture, Identity, Migration and Mental Health, UWI Western Campus Conference January 11-15 2012.

- **Hickling FW:** McCallum M, Walcott G, Paisley V. “Postcolonial deinstitutionalization in Jamaica”. The Study of Psychiatry and Culture (SSPC): ‘Globalization and the Dilemmas of Multiculturalism’. New York, May 9-12, 2012.
- **FW Hickling:** Postcolonial Deinstitutionalization in Jamaica. Global Mental Health Seminar. The Division of Transcultural Psychiatry and the Doudlas Mental health University Institute. McGill University, Montreal, Canada, July 3-4, 2012.
- H Robertson Hickling & **FW Hickling:** “Contextualizing mental health primary care and resilience in Jamaica: The school as an indigenous institution for psychological transformation”. Global Mental Health Seminar. The Division of Transcultural Psychiatry and the Doudlas Mental health University Institute. McGill University, Montreal, Canada, July 3-4, 2012.
- J Guzder, H Robertson Hickling & **FW Hickling:** “The Dream-A-World Project: A Multimodal Cultural Therapy project for disturbed 8-y-o children from Allman Town Primary School, Kingston Jamaica”. Global Mental Health Seminar. The Division of Transcultural Psychiatry and the Doudlas Mental health University Institute. McGill University, Montreal, Canada, July 3-4, 2012.
- Walcott G, Paisley V, Govia IO, Grant-White K, Robertson-Hickling H, **Hickling FW.** “Countering the prevailing ethos by practice: The implementation of a community engagement model in inner city communities in Kingston, Jamaica”. The Advanced Study Institute Workshop: ‘Global Mental Health: Bridging the Perspectives of Cultural Psychiatry and Public Health’. McGill University, Montreal, Canada, July 5-7, 2012.

AWARDS

Frederick W. Hickling

- Wolmers Old Boys Association Gold Award. August 2011
- Andrea Delgado Award for Excellence in Psychiatry. Black Psychiatrists of America, December 2011.

PUBLICATIONS

Peer reviewed journal

- * Frederick W. Hickling, Hilary Robertson-Hickling, Vanessa Paisley. “Deinstitutionalization and attitudes toward mental illness: a qualitative study” *Revista Panamericana de salud Pública/Pan American Journal of Public Health*, 2011; 29(3):169-76.
- * Frederick W. Hickling “Overstanding a Caribbean psychiatric residency experience” *Lifersline Volume ix, issue 2*:10-15 Fall 2011
- * Frederick W. Hickling and Vanessa Paisley. Redefining personality disorder: A Jamaican perspective. *Revista Panamericana de salud Pública/Pan American Journal of Public Health*, 2011; 30(3): 255-61.
- * Robertson-Hickling, H. & Hickling, F. W. (2012) *Discrimination*. In: Loue, M. & Sajatovic, M. (eds.) *Encyclopedia of Immigrant Health*. New York: Springer. Vol. 1, pp 554-556.
- * Hickling, F. W. (2012) *Schizophrenia*. In: Loue, M. & Sajatovic, M. (eds.) *Encyclopedia of Immigrant Health*. New York: Springer. Vol. 2, pp 1328-1329.
- * Hickling FW, Paisley V. Issues of clinical and cultural competence in Caribbean migrants. *Transcultural Psychiatry*, 2012; 49(2): 223-244.
- * Hickling FW. “Understanding patients in multi-cultural settings: a personal reflection on ethnicity and culture in clinical practice” *Ethnicity & Health* 2012; 17(1-2): 203-216
- * Hickling FW and Hutchinson G. Madness as social defiance in African Caribbean youth: evidence from the dancehall. *Wadabagei. A Journal of the Caribbean and its Diasporas* 2012, 13(3) 3-25
- * Hickling FW & Gibson RC: “Decolonization of psychiatric public policy in Jamaica” *West Indian Med J*, 2012; 61(4):435-439

- * Hickling FW & Hutchinson G: “Caribbean Contributions to contemporary psychiatric psychopathology” *West Indian Med J*, 2012; 61(4):440-444

Book Chapters

- * Psychiatric Metamorphosis from the Colonial Canefields. In (ed) A. McDonald “Advancing from the Barracks”

New Book (CARIMENSA PRESS)

- * **Hilary A. Robertson-Hickling:** “White Squall on the Land. Narratives of Resilient Caribbean people”

Income Generation

CARIMENSA Press: Book Sales – J\$314,365.00

Income from Projects

Projects Title	Period	Income
Poverty Reduction Programme (PRP-II): Psychological Treatment Module	September 26 – December 26, 2011	J\$2,521,950.00

PUBLIC SERVICE

Professor Frederick Hickling

- Member, Committee on Mentoring American Psychiatric Association Lifers
- Member, Section on Conflict Management and Resolution, World Psychiatric Association.

References

Figueroa JP, Henry Lee A. “Essential health research task force”. *West Indian Medical Journal* 1998:47:89-93.

EARTHQUAKE UNIT

Lyndon Brown, BSc *UWI*, MA *CUNY*, PhD *UDEL* – Head of Unit

The Earthquake Unit

The Earthquake Unit (EQU) is a research unit of the university 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 continues to focus on improving the seismic network across Jamaica by increasing the number of broadband seismographs. With budgetary constraint, the



EQU focuses on requesting the essential allocations. The support of 30.1 million dollars received this financial year puts the unit in a position to acquire a third broadband seismograph to meet the transformation to broadband seismographs as the primary data acquisition source of the Jamaica Seismograph Network. The acquisition of this additional unit will make this number three (3) of the minimum four (4) broadband seismograph network required by the EQU. This additional equipment will contribute to improving the data quality that can improve the seismic codes being used in the proposed national building code.

The EQU currently operates the Jamaica Seismograph Network (JSN) which is a network of 12 analog short period seismograph stations installed across the island (see figure 1) and two broadband seismographs. The data from the JSN station is still transmitted to the Central Recording Station (CRS) at UWI-Mona in real time using radio telemetry where the data is recorded on computers running data acquisition and processing software. The EQU is currently negotiating transmission via internet to the EQU in some areas where this is possible at least for the broadband instruments. The EQU has not been able to add any new instruments to the Jamaica Strong Motion Network and as such this still remains at eight (8) accelerographs which are installed across the island to record ground shaking for larger earthquakes and structural response as is the case of the

two instruments located at the Portmore Toll Bridge and Toll Booth plus the other two located at the Norman Manley International Airport. These instruments operate in a standby mode and start recording when triggered by an earthquake. They provide very important 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 addition of three (3) permanent location of GPS stations at Pedro Cays, Morant Cays and on the Physics building on the UWI campus has improved the network (now including five (5) permanent continuous stations) of the thirty-six (36) GPS points across the island. Monitoring of these points will assess fault movement or strain accumulation over time. Over the past year at least eight (8) GPS points were monitored in the University of Wisconsin collaboration with the EQU.

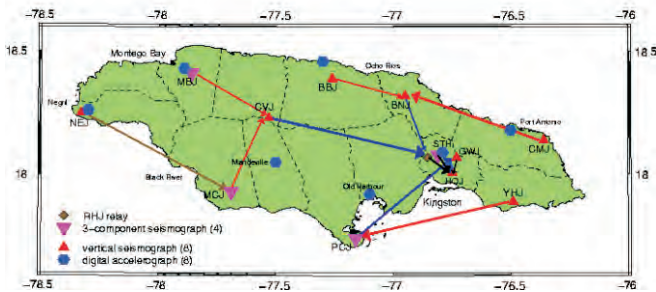


Figure 1: Location of instruments forming the Jamaica Seismograph Network used to capture and transmit ground motion in and around Jamaica to the Central Recording Station at the Earthquake Unit at UWI, Mona.

EARTHQUAKES RECORDED

The JSN recorded and processed two hundred (234) events, seventeen of which were determined to be blasting events, of the remaining two hundred and seventeen (217) earthquakes during this period (August 2010 – July 2011), see table 1, only seventy-seven (77) were local events.

Table 1: Events recorded by the Central Recording Station at the EQU, of these only 77 were local events with only 9 of these recorded events being felt.

Year	Month	Recorded Events					Total Recorded	Felt Events
		Local	Near	Regional	Distant	Blasts		
2011	Aug	4	7	5	0	2	18	1
2011	Sept	6	6	9	1	0	22	1
2011	Oct	12	5	1	1	3	22	2
2011	Nov	2	6	5	2	1	16	1
2011	Dec	7	1	2	0	0	10	0
2012	Jan	5	1	9	0	1	16	0
2012	Feb	14	5	12	1	0	32	2
2012	Mar	3	4	7	1	3	18	2
2012	Apr	9	3	9	0	1	22	0
2012	May	9	8	7	0	1	25	0
2012	Jun	4	3	8	0	2	17	0
2012	Jul	2	3	8	0	3	16	0
ALL	Totals	77	52	82	6	17	234	9

The most active sub-area (as seen in Figure 3) was the Blue Mountain Block (labelled 16 in Figure 4) followed by Rio Minho-Crawle River Fault (labelled 15 in Figure 4) and the Wagwater Trough, South (labelled 22 in Figure 4). There were nine (9) felt earthquakes during this period with the largest local event with a magnitude 3.7 with an epicentre in Manchester along the western extension of the Rio Minho-Crawle River Fault. This event was felt mostly in Manchester St. Ann, Clarendon, and St. Catherine; however, there were no reports of damages associated with this event. Figure 5 shows the location of earthquake events across the island.

WORK OF THE DEPARTMENT

Fifteen primary and high schools visited the EQU, a total of 719 students and 47 teachers form part of these groups. There were other visits from students here at the UWI and other tertiary institutions. Members of staff of the EQU also visit a number of 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. In addition, several presentations were made to organizations where staff members visited on invitation. There were also several media interviews and fora to discuss matters relating to earthquake and development.

Through presentations to the Jamaica Institution of Engineers and other major public fora the EQU continues to implore these institutions to acquire accelerographs to install at large sized structures / facilities (government and private) to monitor the performance of these structures to large earthquakes that can be used to determine the integrity of structures after an earthquake, and also that can guide engineers further in the retrofitting after a major event. This collaboration can also contribute to the EQU database of strong ground motion data that will be important in improving the seismic codes of Jamaica.

Efforts continue to organize the collection of the EQU library; the library holds journals, magazines, newsletter bulletins maps, all related to geophysics and seismology in particular. 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.

Mrs Stephanie Williams-Grizzle joined the EQU as permanent staff in September 2011; she fills the role as GIS Officer/Geophysical Research Assistant and also served as a liaison officer between the EQU and the Land Information Council of Jamaica (LICJ).

The new IT Officer: Mr. Paul Coleman joined the unit in March 2012; a replacement for Mr. Laurel Choy who is no longer with the EQU.

Personal Development/Training

Lyndon Brown (Research Fellow/Head): completed the 2nd Training Cycle as part of the Surrogate Inspector Training programme in the Comprehensive Test Ban Treaty Organization, Onsite Inspection (OSI). Training exercise took place in Austria May, 2012.

DRRC Software Training Exercise, Caribbean Disaster Risk Atlas, Trinidad & Tobago, February & May 2012.

Paul Williams (Network Manager/Engineer): Puerto Rico (Training Exercise in Seismic Network Operations) November 2011.

Laurel Choy: (IT Officer) International Data Centre Comprehensive test Ban Treaty Organization (CTBTO): Wave-form Analysis Training in Mexico, January 2011.

Karleen Black (Scientific Officer): Completed a Master degree in Disaster Management with a focus on Seismology in Japan through a scholarship funded by the Japan International Corporation Agency (JICA) returned to the EQU in October 2011.

International Data Centre Comprehensive test Ban Treaty Organization (CTBTO): Wave-form Analysis Training in Mexico, January 2011.

PROJECTS

■ DRRC Seismic Micro-zonation Project

The EQU unit has been actively participating with our international partners in an effort to increase the quality research with added expertise and equipment that the unit lacks. A major research project is the seismic microzonation of Kingston a Disaster Risk Reduction Centre (DRRC) Disaster Risk Atlas being led by the Seismic Research Centre in St. Augustine. The project started with major data collection in November and ended in the filling of data gaps in July. Analysis of this ambient seismic data produced a site effect map indicating iso-period values across the urban KMA with a classification of rock/soil ground motion across the city. Publication and conference proceeding from this project resulted in the DRRC launch of Disaster Risk Atlas in Ocho Rios in July 2012.

- Global Positioning System (GPS) Network Continuously Operating Caribbean GPS Observational Network (COCONet) and the network of GPS Fault delineation project in collaboration with the University of Wisconsin at Madison

The EQU continues to work with the University Consortium (UNAVCO) in the COCONet Project to examine Caribbean Plate motion and activity along major faults in the region. Three (3) permanent GPS units were installed in Jamaica; one at Morant Cay, another at Pedro Cay and the third on the Mona Campus on the Physics Electronics Lab, (see Figure 6). In addition to the GPS unit a Meteorological pack with weather instrument is also included in the installation that can be used for climate change studies. Replacement of the meteorological packet on all 3 permanent GPS sites at Pedro Cay, Morant Cay and UWI was done after installation as those initially installed were found to be defective.

The installation of these instruments will further boost local climate change studies and also improve assessment of fault motion. These instruments are now fully operational and data can be accessed at <http://pbo.unavco.org/data/gps/realtime>.

- CTBTO (Comprehensive Nuclear Test Ban Treaty Organisation) National Data Centre (NDC) activities.

The EQU continues to operate the National Data Centre (NDC) at the Central Recording Station (CRS), Mona. The Earthquake Unit is linked to the International Data Centre (IDC) in Vienna and has access to the data from the CTBTO's International Monitoring System. THE EQU received a donation of equipment in June from the CTBTO, a value of twenty four and a half thousand euros (24,500) to strengthen the capacity of the EQU as the National Data Centre

PRESENTATIONS

- **Brown, L.;** “Jamaica’s Earthquake Threat - latest research findings from previously unidentified faults near Kingston” Public Lecture, UWI, Disaster Risk Reduction Centre, Oral presentation.

- **Salazar, W.**, Brown L., Higgins M., La Barrie C., Juman A., St. Bernard J., Latchman J., Robertson R., Lynch L., “Development of Caribbean risk atlas for earthquake hazards risk atlas project” Training workshop and symposium on the use of GIS and Risk Estimation in Disaster Risk Reduction for the Caribbean, Ocho Rios, Jamaica, June 27-28, Oral presentation.
- **Brown, L.** Blake, S., Murray. D.; “Seismic vulnerability of critical facilities in Jamaica; Rapid Visual Screening of Fire Station in Kingston & St. Andrew” Jamaica Institution of Engineers Conference, Kingston, September 2012, 10 p.
- **Brown, L.**, Salazar, W., Mannette, G., “Surface soil effects using microtremors Observations in Kingston Jamaica” Jamaica Institution of Engineers Conference, Kingston 2012, Oral presentation.

PUBLICATIONS

Referred Journal

- * **B. Benford**, C. DeMets, B. Tikoff, P. Williams, L. Brown and M. Wiggins-Grandison. “Seismic hazard along the southern boundary of the Gonave microplate: block modelling of GPS velocities from Jamaica and nearby islands, northern Caribbean”. *Geophys. J. Int.* (2012) 190, 59-74

Technical Report

- * **L. Brown**, S. Williams-Grizzle, R. Grant, K. Henry, “Seismic vulnerability of Annotto Bay using the RVS methodology and the H/V (Nakamura Method)” July 2012 : ODPEM project.

INCOME GENERATION

The Earthquake Unit has undertaken a number of consultations during this year, among these are:

- TransJamaican Highway monitoring acceleragraph on Tolls Bridge and Plaza: J\$202,950.00
- ODPEM: Seismic Assessment of Annotto Bay: \$153,900

COMMUNITY SERVICE

The Earthquake Unit works in close collaboration with ODPEM and the Jamaica Institution of Engineers in disseminating the findings of research and provides advice to both institutions that is of national significance.

ELECTRON MICROSCOPY UNIT

Klaus W. Wolf, PhD – Head of Unit

WORK OF THE UNIT

The Electron Microscopy Unit was instrumental in assisting various interested persons to benefit from its facilities and services during the 2011/2012 academic year. 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) and macrophotography (MP). The main investigations done and services provided are listed in Table 1.



Table1. Main investigations done during the 2011/2012 academic year.

Specimen	Technique	Institution
Asbestos testing	OM	Jamaica Defense Force
Carbon sticky tabs	OM	Forensic Sciences Jamaica Constabulary Force
Clay	OM	Dept. of Physics
Coconut embryo	OM	Dept. of Basic Medical Sciences
Dermatoscope & skin lesions	OM	National Chest Hospital
Diamondback moth larval extracts	OM	Dept. of Life Sciences
Dinoflagellates	OM	Dept. of Chemistry
Dust particles from air conditioning units	OM	Dept. of Physics
Entomophagous ("insect eating") fungi	MP	Dept. of Life Sciences
Fish eggs	OM	Dept. of Life Sciences
Fluorescence microscopy	OM	Ministry of Agriculture
Foraminifera	OM	Dept. of Geography & Geology
Fungi	MP	Dept. of Life Sciences
Fungi	OM	Dept. of Life Sciences

Inverted microscopy	OM	Dept. of Life Sciences
Liquid crystals	OM	Dept. of Chemistry
Maggots colonizing carrion	MP	Dept. of Life Sciences
Membranes generated in biochemical assays	MP	Dept. of Life Sciences
Mounted aggregates	OM	Dept. of Physics
Onychophora (velvet worms)	MP	Dept. of Life Sciences
Putative ectoparasites	OM	Private Medical Practice
Redmud	OM	Dept. of Physics
Rock samples	SEM*	Dept. of Geography & Geology
Rock sections	OM	Dept. of Geography & Geology, 17 different researchers & students
Rock thin sections	OM	Dept. of Physics
Suckermouth fish and eggs	MP, OM	Dept. of Life Sciences
Sugar with contaminants	OM	Dept. of Chemistry
Tiger shrimp	MP	Dept. of Life Sciences
Yam	OM	Dept. of Life Sciences

***In cooperation with the University of Technology**

Lectures and/or laboratory sessions were conducted in Electron Microscopy and in OM in the undergraduate **Virology** course “BL38A” and in the graduate course **Research Methods for Biologists** “BL60E” from the Department of Life Sciences, the graduate course **Research Methods** “C60M” from the Department of Chemistry and the **MSc in Forensic Science** “Forensic Chemistry, FSCI 6502” from the Department of Basic Medical Sciences. Contributions to the activities of Research Day included tours of the Electron Microscopy Unit. Additionally tours were conducted for students of the Excelsior and Portmore Community Colleges and the American International School of Kingston.

Dr. Wolf served as acting president of the Natural History Society of Jamaica from August to November 2011 and as elected president of the society effective April 2012.

Research in progress

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. Collaboration on Jamaican Onychophora (velvet worms) has been established with Zoologists at the University of Leipzig (Germany).

PUBLICATION

Refereed

- * Dunthorn, M., Stoeck, T., **Wolf, K.**, Breiner, H. W. and Foissner, W. T. (2012). Diversity and endemism of ciliates inhabiting neotropical phytotelmata. *Systematics and Biodiversity* 10 (2):195-205.

INSTITUTE OF CARIBBEAN STUDIES/ REGGAE STUDIES UNIT

Claudette Williams, BA, MA *UWI*, PhD *Stanford*
– Director and Deputy Dean

INTRODUCTION

In 2011/12 The Institute of Caribbean Studies/RSU maintained its focus on the enhancement of teaching and learning and development of new courses and minors to add to the complement already offered by the Department. There was also a continued focus on outreach and development of linkages with key players in relevant sectors.



STAFFING

The ICS/RSU continues its work with a small complement of full-time staff. Dr. Stanley-Niaah completed her one year on Research Fellowship leave and returned to the Department at the beginning of August 2011. However, she was called away suddenly to serve duties with the then Minister of Culture for the academic year. This necessitated recruitment of additional part-time staff to cover her duties. Dr. Dennis Howard, Dr. Rachel Moseley-Wood, Ms. Nicole Plummer-Rognmo and Mr. Richard Pasley, among others, continued to provide assistance as part-time lecturers. Graduate students worked as tutors and assistants with larger courses.

TEACHING AND LEARNING

During the academic year 2011-12 the ICS/RSU delivered its courses to a variety of students registered in its Majors, Minors, departmental electives or doing the compulsory foundation course in Caribbean Civilizations.

The focus on curriculum renewal and development continued with the preparation of three new courses towards a Minor in Music, in collaboration with the Music Unit of the Phillip Sherlock Centre for the Creative Arts. There was also cross-departmental collaboration with the Departments of Literatures in English, and Modern Languages and Literatures for a Minor in Film Studies. Both Minors will be delivered at the start of the academic year 2012-13.

As a part of the Department's emphasis on enhanced teaching and learning Dr. Julian Cresser participated in the Instructional Development Unit (IDU-UWI, Mona) Certificate Programme in University Teaching and has completed two courses during the period August 2011 – July 2012.

During 2011-12, forty-two undergraduates in the Entertainment and Cultural Enterprise Management Degree participated in Internship assignments in a variety of Creative/Cultural enterprises.

Five of the new MPhil students participated in the Department's Seminar Series. Graduate students also benefitted from four guest lectures in this same series, including a presentation by Dr. Julian Henriques titled "Sonic Bodies and the Secrets of Dancehall" in April 2012.

Dr. Donna P. Hope was awarded a Research Fellowship to pursue a research project titled "Strengthening Jamaica's Cultural/Creative Industries: A Case Study" - effective August 2012 to July 2013.

In March 2012, US-based Reggae enthusiast Christopher Smiley made a donation of 705 reggae CDs to the ICS. The CDs will be a value resource for Reggae Studies and will be used to start the creation of a music library.

During the academic year, Faculty members prepared several articles for publication, which will be forthcoming in the subsequent academic year. They also presented at various conferences and symposia in Jamaica, Trinidad and Spain. Dr. Cresser attended the 30th Annual West Indian Literature Conference at UWI, St. Augustine and presented a paper on "Our Heroes Imagined: Autobiographies and Biographies of West Indian Cricketers. He also presented at a poster exhibition at the Archaeological Society of Jamaica Symposium (UWI, Mona).

Dr. Donna Hope participated in a panel discussion on her work at the Reggae University at Rototom Sunsplash Festival in Benicassim, Spain in August 2012. She also delivered papers on dancehall, and gender and dancehall in Jamaica.

Dr. Donna Hope served as Anglophone Specialist on the Editorial Committee of Caribbean InTransit Arts Journal and as a manuscript reviewer for the UWI Press and a journal article reviewer for Caribbean Quarterly. She also served on the Caribbean Studies Association's Gordon K. and Sybil Lewis Book Awards 2012, reviewing two books, as well as on the Caribbean Studies Association Dissertation Awards 2012 reviewing one Ph.D. Dissertation.

The Department also maintained its regular weekly seminar presentations Coordinated by Dr. Donna Hope, with fourteen (14) presentations by its MPhil/PhD students. There were also two presentations by visiting PhD students from Germany and the USA and two Guest Lectures by a Post-Doctoral Fellow and a Visiting Lecturer/Researcher from Canada and the UK, respectively.

Dr. Donna Hope, Co-applicant/Co-Researcher with Dr. Livingston White of CARIMAC, began research under the project to examine "Media Coverage of Dancehall Feuds in Jamaica 1970-2000: A Content Analysis" funded by a UWI, Mona Principal's New Initiative Grant. The project is scheduled to run from August 2011– July 2012.

Dr. Sonjah Stanley Niaah represented the ICS at a seminar under the theme "The Role of Reggae Music in the African Liberation Struggle" on February 28, 2012. The seminar was held in Pretoria, South Africa to celebrate Reggae Month and Jamaica 50, and was hosted by the Jamaican High Commission in collaboration with the African Institute of South Africa (AISA) and the City of Tshwane (Pretoria).

Faculty members also continued their engagement with external stakeholders via the local and national print and electronic media, participating in multiple discussions on radio and television regarding aspects of Jamaica's culture, sports and creative industries.

The ICS hosted its annual Walter Rodney and Bob Marley Lectures in October 2011 and February 2012 respectively. Both Lectures attracted significant support from individuals on and off the Mona Campus.

In March 2012, The ICS collaborated with the department of Literatures in English for the staging of “March is Movie Month” a series of lectures on Caribbean filmmaking.

PAPERS PRESENTED

- **Cresser, Julian.** October 2011: “Our Heroes Imagined: Autobiographies and Biographies of West Indian Cricketers”. 30th Annual West Indian Literature Conference at UWI, St. Augustine, Trinidad.
- **Hope, Donna P.** 2011. “Impact of Popular Culture in Shaping Normative Conceptions of Gender and Sexuality” Gender Variances and Sexual Differences Symposium, Altamont Court Hotel, Kingston, Jamaica, December 5-6, 2011, 13pp.
- **Hope, Donna P.** 2012. “Dancehall: Origins and Contemporary Overview.” Jamaica Constabulary Force’s New Accelerated Promotion Group at the JCF Staff College, Twickenham Park, Tuesday, February 7, 2012, 20pp.

PUBLICATIONS

Article

- * **Hope, Donna P.** “Foreword” in Jamaica 50 Scrapbook: The Birth of a Nation. Kingston, PageTurner Publishing House, July 2012.

PUBLIC SERVICE

Dr. Julian Cresser

- Member, Jamaica50 Committee of the Ministry of Youth, Culture and Sports

Dr. Donna Hope

- Member of the Students Loan Bureau’s Appeals Committee
- Board Member, Universal Media Company Ltd
- Research Fellow, Centre for Leadership and Governance
- Member, Advisory Committee of the Jamaica Music Museum
- Judge, Jamaica Cultural Development Commission’s Annual Festival Song Finals

SPECIAL EVENTS & PUBLIC LECTURES

The 13th Annual Walter Rodney Lecture, at 6pm on October 20, 2011, in the Neville Hall Lecture Theatre, delivered by Mr. Horace Levy, on the topic “Democracy and a new Paradigm of Authority”.

The Annual Bob Marley Lecture, at 6pm on Thursday, February 16, 2012 in the Neville Hall Lecture Theatre, delivered by Professor Mike Alleyne of the Department of Recording Industry, Middle Tennessee State University on the topic “For the Record: Bob Marley’s Island Albums & the 40th Anniversary of “Catch a Fire.”

INFORMATION ON STUDENTS

Course Registration

Course Code	Title	Number
CLTR 1001	Introduction to the Study of Culture	91
CLTR 2018	Introduction to Caribbean Folk Philosophy	21
CLTR 2501	Caribbean Cultural Studies NOT OFFERED	N/A
CLTR 2505	Entertainment, Media and Culture	43
CLTR 2506	Caribbean Films and their Fictions	22
CLTR 2518	The Culture of Rastafari	30
CLTR 2519	Deconstructing the Culture of Sports	37
CLTR 2524	African Religious Retentions in the Caribbean	33
CLTR 2605	Producing Culture: Music Events & Festivals	39
CLTR 2705	Music Business Management	28

CLTR 3501	Discourses in Cultural Studies (NOT OFFERED)	N/A
CLTR 3505	African Diaspora Film	31
CLTR 3507	Culture, Gender and Sexuality in Jamaican Popular Music	48
CLTR 3516	Performing Culture: Dancehall as Ritual and Spectacle	36
CLTR 3518	Rastafari in the Global Context	7
CLTR 3605	ECEM Internship	42
CLTR 6010	Debates in Caribbean Cultural Identity	6
CLTR 6230	Caribbean Popular and Creative Culture	5
CLTR 3905	Caribbean Fashion: Theory, Development & Industry	42
FOUN 1101	Caribbean Civilization	2389
MUSC 1100	Music in World Cultures	63
MUSC 2001	Popular Music of the Caribbean	20
MUSC 2200	A History of Jazz and the Blues	22
MUSC 3300	Bob Marley & His Music	19

INSTITUTE FOR GENDER AND DEVELOPMENT STUDIES MONA CAMPUS UNIT

Leith Dunn, BA (Hons), MSc *UWI*, PhD *LSE* – Head of Unit

During the 2011/2011 Academic Year, the Institute for Gender and Development Studies (IGDS) Mona Unit supported 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 expansion of the undergraduate programme in Gender and Development. The main achievements were: increased enrolment in the BSc (Major), the Minor and in gender courses used as free electives; an updated and more responsive curriculum; use of innovative strategies to develop students' critical thinking and analytical skills to create the 'ideal UWI graduate'; and expansion of research on Gender and Economic Empowerment, Gender, Sexuality and HIV/AIDS; Gender Leadership and Governance and 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 in 2011/2012 will increase the number of graduates trained to support gender mainstreaming globally and to respond to the Government of Jamaica's new National Policy for Gender Equality launched in March 2011.



STUDENTS

Undergraduates: Student enrolment in the BSc programme increased from 29 students in 2010/2011 to 150 students in 2011/2012. Other

increases noted were total enrollment in IGDS undergraduate gender courses (59%) and male enrolment in gender courses (over 40%). The Unit taught 1011 students in 2011/2012, and delivered 14 courses- an increase from 595 students in 17 courses in 2010/2011. In Semester 1, some 497 students (106 males and 391 females) completed six (6) courses. In Semester 2, some 412 students (77 males and 335 females) completed five (5) courses and in Summer School 2012, some 96 students (21 males and 75 females) completed three (3) courses. The data also show increases in female and male enrolment of 62% and 46% respectively. The sex distribution of the 1011 students was 807 females and 204 males. The 595 students included 500 females and 95 males.

Also encouraging was registration in the three (3) new courses introduced: 48 in GEND2004: Sexuality, Power and Illicit Desire: 71 in GEND3600: Gender, Sexual and Reproductive Health and HIV/AIDS and 62 in GEND3032: Gender, Climate Change and Disaster Risk Management. Increased enrolment in gender courses resulted from several factors: peer referrals; improved marketing; and closer collaboration with Admissions, Careers and Placement and the Office of Student Services and Development. Some 25 Specially Admitted Students from the Ministry of Health were also registered in the GEND3600: Gender Sexual and Reproductive Health and HIV/AIDS course delivered in Summer School in 2011 and 2012. Their participation was funded from a European Union and UN Women project to promote Gender mainstreaming in HIV/AIDS programmes.

Major challenges: While most students in the new cohort did very well, approximately 9% 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 and the size of the first cohort of BSc graduates, reduced from 10 to three.

Student Awards: The 2010/2011 Dorian Powell Prize was awarded to Ms. Kimberley Carr and was presented by Mr. Percy Powell at a function held at the Mary Seacole Hall on March 8, 2012. A number of BSc Gender

students also received leadership awards at the annual UWI Student Leadership Awards Ceremony held in April 2012.

Postgraduates: The Unit's staff supported postgraduate teaching and research by supervising 13 post graduate students enrolled in MSc and PhD programmes coordinated by the IGDS RCU, the IGDS St Augustine Units as well as in other UWI Departments. The Unit also organized an IGDS RCU/SEPHIS Graduate Seminar on October 27, 2011 entitled 'Mainstreaming Gender in Graduate Research'. There were presentations from Campus Coordinator for Graduate Studies, Professor Denise Eldemire-Shearer, Ms. Cassandra Smith, representative from the Faculty of Medical Sciences' Ethics Committee and MU staff.

STAFF

Human resources: The Unit continued to have four (4) staff positions in 2011/2012: one Senior Lecturer/Head, Dr Dunn; and two (2) Lecturers (Dr Annecka Marshall and Ms Danielle Toppin, (Temporary) and one Senior Administrative Assistant, Ms Ingrid Nicely who was appointed from August 1 2012. A Part-time Student Assistant provided reception and some clerical duties. The major challenge of the small Unit was responding to an expanding IGDS Mona Unit programme. This impacted customer service, administrative efficiency, timely delivery of research commitments, departmental reports and completion of administrative duties. A Memorandum of Needs was submitted requesting three (3) additional posts and funding to convert office space following the planned relocation of the IGDS Regional Coordinating Unit to the UWI's new Regional Headquarters and create a class room/meeting room and space for additional staff.

Staff Teaching Loads: Part-time tutors were recruited to meet the additional teaching requirements. However high workload in addition to full teaching loads negatively impacted time for academic writing and publications.

Staff Honours and Awards: Dr. Dunn received the 'St Hugh's High School Distinguished Past Student Award for 2011' from the St. Hugh's

Past Student Association. The presentation was made at a function held at the Jamaica Pegasus Hotel on September 29, 2011.

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 plans in various sectors.

Quality Assurance: Strategies used to enhance quality teaching, student performance and career needs included: acquisition of new publications; expansion of the Student Internship Programme; guest lectures; hosting special orientation and review sessions for new, returning and completing BSc students in August and December and using feedback from these sessions and Student Assessment Reports (SARs) to guide programme delivery. The SARs continued to reflect above-average teaching scores for lecturers, and assessment of courses and materials. Examination results also reflected high pass rates and high grades for most students. Staff membership 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 Caribbean gender and feminist perspectives in contemporary development debates.

RESEARCH

Gender, Sexuality Safety and HIV/AIDS: Draft reports with research findings on the Sexual Safety/HIVAIDS Risk study conducted for the UWI Health Centre's Sexual Safety Initiative Project (SSIP) and funded by the Ford Foundation were submitted. The study involves attitudes and behaviour of youth enrolled on the three UWI campuses and adolescents in four Jamaican High Schools. The results will be used to guide sexual safety interventions and prepare academic papers for publication.

Gender, Leadership and Governance: Most project activities were completed and an evaluation was initiated to assess impact of this action-research project entitled 'Advancing Transformational Leadership

for Gender Justice in the Caribbean’ on the 79 women from six Caribbean countries trained as transformational leaders. The evaluation will also assess any changes in women’s participation in political and public leadership in Belize, Jamaica, St Kitts and Nevis and St Lucia. Research findings from this project 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) are being used to support teaching, on-going training, writing academic papers, and research for an IDRC-funded study being conducted by the IGDS St Augustine Unit.

Gender, Poverty and Economic Empowerment: Two (2) pilot studies were completed during the year: ‘Gender Leadership and Poverty in Westmoreland and Hanover’ funded by the Friedrich Ebert Stiftung which included training women in Participatory Action Research methods. The other is: ‘A Situation Analysis of Household Workers in Jamaica’ – a study funded by the ILO to support advocacy to ratify the new 2011 ILO Convention 189: Decent work for domestic workers which will reduce poverty of thousands of household workers.

Gender, Climate Change and Disaster Risk Management: A joint research proposal was prepared with colleagues in SALISES and the Bureau of Women’s Affairs and submitted to CARIBSAVE to conduct a research to enhance resilience and reduce poverty among rural women in Jamaica. Unfortunately the project was not funded.

The main challenges for the Unit’s research output were the absence of a dedicated Research/Publications officer to coordinate research and publication projects and a Research Assistant for the HOD.

STRATEGIC APPRAISAL

Teaching and Learning experiences were enhanced by using diverse teaching methods which included: Guest lecturers, ‘edutainment’ artistes and professionals from various institutions, increasing student interaction with state, NGO and community agencies; and student participation in academic conferences. For example, two (2) final year BSc students Ms Kimberly Carr and Ms Ann-Marie Virgo presented two excellent research

papers at the SALISES conference in May 2012, from the course: GEND3032 - Gender, Climate Change and Disaster Risk Management. 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 in GEND3032 to facilitate the completion of course assignments. In Summer 2012, two (2) students were attached to UNFPA and six (6) students were supported to organize a 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 FOUND1001/FD12A and the module on Gender Issues in Health in the postgraduate programme in Family Medicine (MD62C). In 2011/2012, the module was delivered on-line to medical doctors at both Cave Hill and Mona. The students benefitted from the Chancellor's Lecture: 'Health Degendered is Health Denied' delivered by Sir George Alleyne in November 2011.

Service to the UWI-12 Countries and Underserved Communities: The Unit's input was provided through: the UNDEF project which is impacting women in Belize, Jamaica, St Lucia and St Kitts and Nevis; presenting research findings on household workers at the launch of the Caribbean Domestic Workers' Network (CDWN) held in Barbados from November 20-21, 2011; a presentation on 'Mainstreaming Gender in Gender Based Violence Prevention policies and programmes at a UNFPA Regional Consultation on Gender Based Violence for Caribbean Parliamentarians held in Kingston on November 9 -10, 2011 (which was also attended by six (6) first year BSc students) and delivery of the Module on 'Gender Issues in Health' previously mentioned.

PAPERS PRESENTED

- Dr. Marshall and Ms. Erika Ellis, "Straight Jeans and Fitted and Batty Rider Shorts: Jamaicans' Concept of their Bodies," Faculty of Social Sciences and Faculty of Medical Sciences. UWI Mona Conference: Dying to be Beautiful? Body Image, Eating Disorders and Health in the Caribbean. UWI Mona's Western Campus on January 15, 2012.

- Dr. Dunn ‘Gender at 50: Achievements & Challenges of Jamaican Women Since Independence’. SALISES Jamaica Cultural Development Commission (JCDC) Panel Discussion for Jamaica 50 Celebrations. July 26, 2012, UWI Undercroft.
- Dr Dunn ‘Mainstreaming Gender in Climate Change and Disaster Risk Management through Education’, IV International Conference on Gender and Disasters, Colombia, May 16-19, 2012.

PUBLICATIONS

Books

- * **Beverley Anderson-Duncan.** The 2012 Lucille Mathurin-Mair Public Lecture: Rebel Women: Engendering Transformation. Ed. by Leith Dunn & Judith Wedderburn: UWI’s Institute for Gender & Development Studies, Mona Unit, 2012.

Chapters in Books

- * **A. Marshall** “Tackling the ‘kinky eroticism’ of studying women in the heterosexist classroom”, Teaching Gender and Sexualities in the Twenty-First Century by M. Mirza and D. Hussey (eds.). Birmingham, England: The Higher Education Academy Network, 2011, 213-236.

Technical Reports

- * **Marshall, A** and Anderson, M (2011). ‘MSM Youth in Jamaican Colleges and Universities: Identifying needs and Challenges’. Kingston, Jamaica. PRIDE in Action. (48 pages)
- * **Boxhill, I,** Marshall A et al (2011). Caribbean HIV and Aids Project: Caribbean HIV and Aids Baseline Evaluation Report: The Bahamas, Guyana, and Jamaica’. American and Jamaican Red Cross. (138 pages).
- * **Dunn, L** (2012). Report on Sexual Safety Project. Prepared for Ford Foundation and the UWI Health Centre.

- * **Dunn, L.** (2011) Gender Leadership and Poverty in Westmoreland and Hanover'. Kingston: Friedrich Ebert Stiftung.
- * **Dunn, L.** (2011). 'A Situation Analysis of Household Workers in Jamaica'. Trinidad and Tobago: ILO Caribbean Office.

INCOME GENERATION

The Unit contributed an estimated US\$271,716 to the UWI in 2011/2012. This included: revenue of J\$23,262, 296 (US\$270,492) from student fees from 150 BSc students (est.112 full time and 38 part t-time) BSc students); revenue from Summer School: J\$1.3m (US\$15,116); research funding of over US\$43,851 – a grant of US\$14,840 under the Ford Foundation-funded Sexual Safety Project awarded to the UWI Health Centre; US\$6,000 for the ILO study on Household Workers; FES study on Rural Women and Poverty in Hanover and Westmoreland; funding from the UNDEF project (J\$693,071/US\$8,058); and Revenue for Special events: the Lucille Mathurin Mair Public Lecture J\$550,000 (US\$6,395). The latter included J\$100,000 from partner FES and J\$450,000 from the JMMB Group; Grace Kennedy; Jamaica Broilers and the Gleaner Company.

OUTREACH

The Unit's Outreach programme continued to focus on mainstreaming gender in public policy to promote gender equality, building gender awareness through public education and lectures and serving on boards and committees. Gender Mainstreaming in Public Policy: The Unit supported the following public policies: International Migration and Development (PIOJ); the Elimination of Violence against Children (PIOJ); the Elimination of Child Labour through Education (Ministry of Labour and Social Security); Gender and HIV/AIDS (Ministry of Health); Continued Education of Teenage Mothers (Women's Centre of Jamaica Foundation); and Climate Change Adaptation (PIOJ and UWI). Public Education under the 'Conversations in Gender Series' included: commemorating key milestone days such as International Women's Day

which included collaboration with the Heart Foundation of Jamaica and the UWI Health Centre, on March 8, 2012 to host a public education forum on anti-smoking targeted at high school girls and held at UWI Undercroft; a public forum to mark the International Day for Democracy on September 15, 2011 which launched the Young Women's Leadership Initiative (YWLI), the brainchild of Jamaican graduates of the UNDEF/UN Women/CIWIL/ UWI/IGDS Mona's Leadership Training Institute to encourage girls in secondary and tertiary institutions to become public leaders. The event, co-sponsored with UNFPA was held at the Knutsford Court Hotel, and was attended by over 200 persons. The Unit also hosted a lecture/discussion at UWI on 'The Dance of Difference: The New Frontier of Sexual Orientation' by Washington-based Jamaican author, Shirley Anderson-Fletcher based on her new book to promote public tolerance of sexual diversity in the workplace and society. This was held in November 2011. A number of events were also co-hosted with the IGDS Regional Coordinating Unit.

Caribbean Justice Reform Project: Mainstreaming Gender: Dr. Dunn was invited to provide input to support gender mainstreaming in the justice reform process at a regional meeting held at the Caribbean Court of Justice on November 30, 2011 in Trinidad and Tobago. The meeting was organized by the CCJ and the Canadian Government.

The Project Advisory Board of the ILO/TACKLE: Dr. Dunn served on the Advisory Committee for the ILO-EU-funded project 'Tacking Child Labour Thorough Education in the Ministry of Labour and Social Security to support research on children and families at risk of poverty and child labour.

The National HIV/AIDS Steering Committee on Gender and HIV in the Ministry of Health: Mona Unit staff and students participate in this committee.

Planning Institute of Jamaica: Task Forces on International Migration and Development and the Elimination of Violence against Children.

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 has an advocacy campaign for

the adoption of quotas to advance gender equality in leadership and governance and increase women's representation on national boards and committees.

PUBLIC SERVICE

Dr. Leith Dunn

- Member, UCJ's Evaluation team at the Edna Manley College, University Council of Jamaica (UCJ)
- Member, Board of the Foundation for International Training (FIT) in Canada and the Shortwood Teachers' College.
- Member, Board of the Consumer Affairs Commission.

Dr. Marshall

- Technical Advisor, International Resource Network;
- Technical Advisor, Caribbean Sexualities Group;
- Technical Advisor, the Jamaica AIDS Support for Life (JAS)
- Technical Advisor, Jamaica Forum for Lesbians, All-Sexuals and Gays (JFLAG).

INSTITUTE FOR GENDER AND DEVELOPMENT STUDIES REGIONAL COORDINATING UNIT

Professor Verene Shepherd – Regional Coordinator &
University Director

WORK OF THE UNIT

For the period under review the Regional Coordinating Unit of the Institute for Gender and Development Studies, continued its work in the areas of Teaching and Learning, Graduate Student Development, Research and Innovation and Outreach and Public Service. The University Director, Prof. Verene Shepherd, continued to lead the Team of Mrs. Shakira Maxwell (Administrative Officer), Ms Orena Hinds (acting, secretary, July – December 2011), Ms. Andrea Allen (who joined the Unit in January 2012, lecturers Dr. Dalea Bean (who also manages the online Diploma Programme) and Ms. Taitu Heron (MSc Coordinator); as well as Junior Research Fellow Mrs. Suzanne Charles Watson (who returned from secondment to the CARIBSAVE project on August 1, 2011 and continues to manage and coordinate all major research projects).



While Mrs Charles Watson was anchoring the Caribsava Project, Mr. Adrian Gooden assumed duties as Acting Junior Research Fellow. During his tenure he assisted with the planning and implementation of several outreach activities for the Institute. Ms. Karen Small joined the Unit as Junior Research Fellow with responsibility for the CARIBSAVE project in the second year of the project (2012/13).

Mrs. Margaret Hunter, Office Attendant who is shared with the Mona Unit of the IGDS, continues to play a vital role in the IGDS assisting in the coordinating and execution of several of the Unit's outreach activities in addition to carrying out her core duties.

New Developments

The IGDS will undergo a Quality Assurance Review during the 2012/2013 AY and preparations for this review began during the period under review.

After years of ongoing requests for space, the Regional Coordinating Unit was advised in April 2012 that space had been made available for the Unit in the new Regional Headquarters of the offices of the Vice Chancellery. It is anticipated that the Unit will be relocated before the end of the calendar year.

Regional Activities

The annual Regional Planning and Strategy Committee meeting of the IGDS was held from June 11-12 at the Cave Hill Campus, Barbados. In addition to discussing operational, research and outreach activities in the Institute the meeting also made tentative plans for its 20th anniversary celebrations in 2013, discussed structural issues affecting the IGDS with PVC for Research, Prof. Wayne Hunte and finalized critical SCOR documents.

Teaching

Undergraduate

Eight new students were admitted into the Diploma programme with 4 students graduating in the 2011 exercises.

The RCU is now proposing to implement a post-graduate diploma programme by distance to replace the existing undergraduate diploma in Gender and Development studies currently being offered via the OC. While candidates who have done the UG Diploma have consistently lauded the delivery, content and tutors associated with the programme, it has been facing low registration numbers for the past few years, while many persons indicate interest in post graduate certification. The Unit is currently working with the OC to get a post-graduate diploma online by 2013/2014.

Graduate

Dr. Lloyd Waller, Ms. Taitu Heron, Dr. Beverly Shirley, Prof. Verene Shepherd, Dr. Dalea Bean and Dr. Imani Tafari-Ama continued to anchor the teaching in the graduate programme.

The Unit welcomed new graduate students for the academic year 2011/2012 at its Graduate Student reception on September 2, 2011. Graduate teaching also continued throughout the period under review with four courses being taught in semester one and five in semester two. One elective had to be dropped due to low registration, and will instead be offered in the AY 2012/2013.

There were 29 registered students for the MSc programme, with 5 being full-time, and 2 students externally funded.

Interns

The first set of interns under the revised graduate programme successfully completed their stints at the Dispute Resolution Foundation, Sistren Theatre Collective, the Child Development Agency, the Planning Institute of Jamaica and the National HIV/STI programme.

MSc Research Seminars

Two graduate research seminars for MSc students were held in October 2011 and May 2012. The seminars provided an opportunity for students working on research papers to present and receive feedback from the IGDS and wider University community.

MPhil/PhD Seminars

Two upgrade seminars for MPhil candidate in Gender and Development Studies were held. Keino Senior was successful but Yvonne Blagrove-Smith was not. She is expected to work with her supervisor to submit her thesis at the level of MPhil.

MPhil candidate Jacqueline Hall also made a presentation on her thesis topic – “Women in Political Representation: A Critical Analysis of Their

Contribution to the Substantive Representation of Women in Jamaica” on April 5, 2012.

Thirteen students, at different stages of completion, were supervised during the period with one submitting her thesis for examination.

RESEARCH

The Regional Coordinating Unit continued to participate in regional research which impacts on policy making throughout the Caribbean. Among them are:

CARIBSAVE PROJECT

The first draft of a gender analysis of national policies and plans related to fisheries, tourism, environmental management, marine protected areas, housing, disaster management, building codes and land use for the CARIBSAVE project was submitted by Mrs. Charles Watson during the year.

As the focal point person for the project, Ms. Small is now working on three projects for CARIBSAVE, namely:

- a. The Climate Change, Coastal Community Enterprises – Adaptation, Resilience and Knowledge (CCCCE-ARK) Project – A 30 month project funded by the IADB to be implemented in 2 communities in 4 Caribbean countries – Bahamas, Barbados, Belize and Jamaica;
- b. 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 (Tobago & Jamaica);
- c. The C-Fish Initiative – a strategy to build resilience to climate change and improve the sustainability of livelihoods in coastal communities to be piloted in Jamaica & the Bahamas.

During the period under review the following were undertaken:

- A desk review of national policies and plans for Jamaica to evaluate for gender considerations, which included a literature review and recommendations for enhancement of policies to include gender considerations.
- Travel to Tobago (May 4-10, 2012), to investigate capacity building relating to livelihood activities in coastal communities, as part of the 5 year ParCa project.
- Community profiles for three (3) project sites (Port Antonio, Portland; Bluefields, Westmoreland (Jamaica); Hopkins Village, Belize; Andros Island, Bahamas) as part of CCCCE-ARK Project.
- Development of a database for Survey Instrument to instruct data entry clerks on how to fill in the database and coding – also as part of the CCCCE-ARK Project.

IADB

The Unit was successful in its bid for a project entitled, “Adolescent Dislocation in Jamaica: Causes and Costs of Dislocation at the Secondary Level”. Funded by the IADB, the objectives of this research will be to employ a robust multivariate research framework and research design within which to comprehensively analyse the structural factors that affect access and achievement for males and females at the secondary level in Jamaica. The research will also be aimed at identifying the socio-economic cost to national development of school dislocation at the secondary level.

During the period the Unit submitted initial deliverables to the bank and received generally favourable feedback on both the Position Paper, which contextualises the entire project and the Survey Instruments, which will be used in the completion of data collection.

The project consists of a team headed by Professor Shepherd with Mrs. Charles Watson, Dr. D. Thakur (Department of Government) and Professor C. Kirton (Department of Economics). Final submissions are expected by mid December 2012, with dissemination of findings scheduled for January 2013.

OXFAM

Work was also completed during the period under review on the joined partnership with OXFAM on the project entitled, "By the Sweat of Our Brows: Creating Gender Justice through Women's Economic Leadership among Rural Jamaican Women." Mrs. Charles Watson facilitated the final project meeting on September 29, 2011 which was designed to identify and address the barriers to women's leadership in agricultural markets. The meeting had Mrs. Linnette Vassell and Ms. Carole Rowe as the consultants and enjoyed support from:

- Jamaica Social Investment Fund
- Rural Agricultural Development Authority
- The Peoples' Cooperative Bank of Jamaica
- The Inter-American Institute for Cooperation on Agriculture
- The Bureau of Women's Affairs
- The National Insurance Scheme
- The Jamaica Network of Rural Women Producers

SEPHIS

Ms. Daniele Toppin assumed duties as Project Coordinator for the Technical Working Meeting of Experts on Gender and Climate Change funded by SEPHIS which took place from November 10-11, 2011. The meeting, which assembled a diverse group of climate change experts from across the South in an interactive workshop setting was attended by a multi-disciplinary group of participants coming from Guam, Suriname, Haiti, Grenada, Guyana, Barbados and Jamaica.

Officially opened by Professor Shepherd, the Workshop's keynote speaker was Dr. Paulette Bynoe, a Lecturer at the University of Guyana's School of Earth and Environmental Sciences and a Visiting Fellow to the St. Augustine Campus of the University of the West Indies, who set the context for the meeting with her presentation, which outlined the

connections between gender and climate change and offered a dynamic perspective on the relationship between hazards and natural disaster.

Meeting participants also engaged in a Learning Journey to Old Harbour Bay, which included a community meeting in which they were able to engage with members of the community to incorporate an experiential analysis of the gendered impacts of climate change. At the close of the meeting, participants were taken by a community representative throughout the area and learning opportunities were created by facilitating discussion between participants and various community members.

UNIFEM

Work also continued on the institutional partnership between the IGDS and the Université Quisqueya in Haiti. The regional collaborative initiative was designed to:

- develop an appropriate training approach, to allow for the transfer of gender capacity between the IGDS and Université Quisqueya in the areas of academic programme formulation, curriculum content and pedagogical approaches in Gender and Development,
- contribute to the emergence of a new generation of gender advocates in Haiti and ensure that an increased number of women and men had a critical awareness of issues of gender and development, facility with completing gender analysis and gender mainstreaming.

In May 2011 representatives of all units of the IGDS, led by Professor Shepherd visited Haiti for the first planning meeting of the curriculum development team, at which they finalized the curriculum for the short courses being offered by the Université Quisqueya.

A three-day meeting over the period July 01 – 04, 2012 was then convened with members of the IGDS, UN Women Haiti and the Université Quisqueya to review and restructure the programme of training, in relation to:

- a. Learning objectives and curriculum content
- b. Teaching strategies
- c. Teaching and Resource programme staff
- d. Accessibility and student retention
- e. Accreditation and levels of certification

A regional IGDS team also visited Haiti over the period July 22 – 25, 2012 to audit the revised courses. The visit was further used to highlight the work of the various Units of the IGDS through interactive sessions with students of the Universite Quisqueya and to meet with key stakeholders in relation to issues of Gender and Development.

UNFPA

The Unit continued its review of text books used by CXC/CSEC and CAPE History students, to examine the extent to which their content supports issues of gender and gender relations as raised by the various syllabi. During the period under review, the project funded by UNFPA was approached collaboratively, with involvement from the Caribbean Kunuku Collective based at the Department of History at the UWI, St. Augustine Campus; as well as colleagues at the Cave Hill Campus. It involved four researchers based at Mona and collated statistics across 31 books from reviewers also based in Trinidad & Tobago and Barbados.

The Final Project report was submitted to UNFPA and co-authored by Mrs. Charles Watson and Drs. Rita Pemberton and Janice Mayers of the Caribbean Kunuku Collective.

As part of the IGDS' commitment to disseminate knowledge to transform gender relations in the Caribbean, members of the Research team (Mrs. Charles Watson, Dr. Bean and Dr. Pemberton) participated in a discussion on Nationwide's "Talking History", hosted by Prof. Shepherd, on March 03, 2012 to discuss the results and implications of the study. Additionally, given the implications of the findings, a Regional Press Conference is now being planned with the UNFPA for October 2012.

OUTREACH:

The Institute hosted several public events over the period August 2011 – July 2012. These included

Public Lectures/Fora

Public Lecture by the Vice-Chancellor, University of the West Indies,

On November 3, 2011 in collaboration with the Faculty of Medical Sciences the IGDS hosted a public lecture by Sir George Alleyne, Chancellor of the University. The lecture entitled, “Health De-Gendered is Health Denied” marked the culmination of a series of lectures by the Chancellor on all three campuses hosted by the Units of the IGDS.

Conversations on Independence: Through Women’s Eyes

The RCU launched “Through Women’s Eyes: Conversations on Independence”, a series of conversations designed to create a space for the perspectives and experiences of women’s voices to commemorate the fiftieth anniversary of political independence in the Commonwealth Caribbean. The Series is framed within the context of Vision 2030 of Jamaica and Vision 2020 of Trinidad and Tobago, and is part of the SALISES 50/50 Project, which provides a critical assessment of the fifty years of independence Caribbean nations from a retrospective and prospective viewpoint

The Series Launch, which was in collaboration with Sir Arthur Lewis Institute for Social and Economic Studies (SALISES), UWI, Mona and the Friedrich Ebert Stiftung Foundation of Jamaica (FES) was hosted on Tuesday, October 4, 2011 at the Kuntsford Court Hotel and featured a panel discussion with Professor Verene Shepherd, Professor Brian Meeks, Director, SALISES, UWI, Mona, Professor Rosalea Hamilton of UTECH, Mrs. Judith Wedderburn of FES, Mr. Horace Levy of the Peace Management Initiative and Mrs. Linnette Vassell of the Women’s Resource and Outreach Centre.

The first Conversation was then held on February 29, 2012 at the Liberty Hall, in collaboration with the Mona Campus Unit (MCU), SALISES, FES, WROC and Liberty Hall-the legacy of Marcus Garvey under the theme Historical Perspectives and was entitled “Women and Citizenship in Jamaica”.

The second Conversation, which focused on issues of Youth inclusion and governance, took place on April 26, 2012 and was hosted by the Sam Sharpe Teachers’ College of Montego Bay held in collaboration with FES, the Western Mirror, and the MCU of the IGDS. The conversation, which featured Ms. Nadeen Spence from the University of the West Indies, was chaired by Mrs. Charles Watson with a discussion moderated by Mr. Miguel “Steppa” Williams of the National Centre for Youth Development and Mr. Orain Edwards, a Youth Advocate attached to the Jamaica Youth Advocacy Network. The event was Broadcast live by NewsTalk93FM.

Workshops/Seminars

On December 8, 2011 the Unit presented a seminar by Dr. William Aiken, entitled, “Why do people of African descent in the Caribbean run so fast?: Explanations from Gender Analysis, History and Medicine?”. The seminar was attended by a cross section of personnel from the medical and sports fraternity and was aired on the Cable News and Sports channel.

The RCU organised two workshops for the Jamaica Fire Brigade Service on Gender Awareness in the workplace, on February 13 and February 27, 2012. Attendees included both administrative and service members of the Brigade. Both workshops were well received by all the participants with Ms. Taitu Heron and Mrs. Shakira Maxwell planning and facilitating the workshops on behalf of the Unit.

Professor Shepherd was asked by the Principal of the Mona Campus to co-chair (with Prof. Rupert Lewis) a planning committee to work with the South African High Commission to host events in Jamaica for the 100th anniversary of the African National Congress, twinned with Jamaica 50 and Garvey’s 125th . The launch of these activities took place on February 23 at the Mona Visitor’s Lodge and Conference Centre with the IGDS being a collaborator on the event.

On March 7, 2012 in celebration of International Women’s Day (observed on March 8), members of staff of the RCU and MU participated in an outreach activity to the Women’s Centre of Jamaica Foundation, where they donated books and other items. The Centre provides an opportunity for young teenage girls who become pregnant to continue their high school education and then return to the formal school setting after they have had their baby. Following an informal discussion with the girls, a special treat of pizza and drinks was also provided. The RCU also mounted a banner at the main gate of the Mona campus as a way of sensitizing the public about IWD.

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” on May 21 and May 22, 2012 at the Phillip Sherlock Centre for the Creative Arts. The forum provided an opportunity for persons to participate in discussion 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.

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

- “Women of African Descent in the Commonwealth Caribbean: Past Struggles, Present Conditions and Future Aspirations”. First World Summit on Afro-descendants. La Ceiba, Honduras, August 18-21, 2011. (15pp)

- Workshop Co-facilitator: Mary Seacole Hall Violence Prevention workshop. Presentation: “No means NOthing? An introduction into the issue of violence against women” October 8, 2011. (6pp)
- (with) A. Spencer: “An application of the theory of Butler’s theory of Performativity to the study of creative industries: the case of entertainment coordinators in hotels.” UWI 2nd International Tourism Conference Tourism, Culture and the Creative Industries: Exploring the Linkages. Trinidad and Tobago, January 18-21, 2012 (12pp)
- “Give thanks and praises, we are still alive!” Jamaica at 50: Acknowledging the Past, Embracing the Future. Fifth Black History Month Lecture. Gardener’s View Baptist Church, Bull Bay, February 12, 2012. (7pp)
- “Looking back through gendered lenses: Answering historical questions on women and warfare” Panel Discussion on the work of the IGDS and the worth of gender analysis. Universite Quisqueya, July 24, 2012. (4pp)

Ms. Taitu Heron

- “Just Who Were Those People: An Exploration of the Trauma of Slavery in the Americas with a Vision to Heal”, VI Semana Raizal, “Recalling our African inheritance/ Reivindicamos nuestra ancestría Africana”, Instituto Distrital de la Participación (IDPAC) and Universidad Nacional de Colombia, Bogotá, Colombia, November 2-7, 2011. (27pp)
- Presenter, “Idle Rights or Service?” Gender Awareness Workshop for New Parliamentarians, FES and the People’s National Party of Jamaica, January 31, 2012. (7pp)
- “‘Anti-Africanity’ and Afro-Caribbean Existence in Jamaica”, Conference on “Africa and the Atlantic World, 1450-1850”, June 22-24, 2012, Emerging Scholars Conference, the Centre of African Studies, University of Cambridge, UK. (23pp)
- 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. (8pp)

Mrs. Shakira Maxwell

- “Project Monitoring and Evaluation”. Workshop hosted by the Centre for Leadership and Governance, UWI, Mona, February 4, 2012. (10pp)
- “No More Crab in A Barrel: Building a Quality Team in a tertiary Level Environment” 12th Annual ACHEA Conference, NPAC, Trinidad and Tobago, July 11-14, 2012. (14pp)

Professor Verene Shepherd

- “You Can’t Hide the Truth from the Youths: People of African Descent and their Contributions to Caribbean Society”, UNESCO Youth Conference in recognition of the International Day for the Remembrance of the Victims of the Slave Trade, Trinidad, August 22-24, 2011. (12pp)
- “Trading Places: Slavery, Indentureship and the Ranking Game in Colonial and Post-Colonial Jamaica”, University of Bangor, Wales, September 7-10, 2011. (21pp)
- “Victims of Racism: Recognition, Justice, Development” Roundtable, Durban+10 conference, United Nations in New York, September 22, 2011. (3pp)
- Agency, voice and monuments in the exploration of Jamaica’s heritage trail, African Diaspora Heritage Trail Conference, September 23-24, 2011, Halifax, Nova Scotia. (16pp)
- “Women, The Transatlantic Trade In Captured Africans & Enslavement: An Overview” Forum on “Women of African Descent”, United Nations, New York, October 19, 2011. (8pp)
- “Best of the Past for the Future:” Knowledge Production and Caribbean Liberator, University of the Virgin Islands, St. Thomas, October 24-25, 2011. (15pp)
- Panel presentation “Caribbean Voices: Post-Colonial Themes.” Miami Book Fair, South Florida, November 19-20, 2011. (11pp)
- History, heritage and entrepreneurship: Uniting the African Family for Development, University of Miami in recognition of the International Year for People of African Descent, Miami, Florida, November 22, 2011. (16pp)

- “Our Entrepreneurial Journey: Historical Reflections”. UTECH/ Scotia Bank Entrepreneurial Reflections Seminar Series, University of Technology, February 2, 2012. (19pp)
- “Black revolutionaries and their inspirational acts”. JAMALCO, Clarendon, February 9, 2012. (6pp)
- “People of African Descent: Education, Development & Human Rights”. Sub-Regional Seminar on “People of African Descent and their Right to Development”, Panama, February 15-18, (15pp)
- “We’ve Been Trodding on the Winepress Much too Long: Caribbean Women and the Struggles for Freedom”. Research seminar, “On Forced Migrations and Labour: Slaves and Slavery from an Atlantic World Perspective”, Addis Ababa, Ethiopia, March 15-19, 2012, (22pp)
- “Pay Mi Bakra?: Jamaica and the Debate over Reparation for Slavery”, Neale Colloquium on “Emancipation, Slave-ownership and the Remaking of the British Imperial World”, Organised by the “Legacies of British Slave-ownership Project”, University College London, UK, March 29-31, 2012. (13pp)
- “Praise Songs for Women”, Keynote speaker, Mother’s Day Celebration at the 1st Baptist Church, May 13, 2012, (14pp)
- “The Current Situation of People of African Descent: Education, Development and Human Rights”, Trinidad, may 25, 2012, (11pp)
- “Monuments, Memorization and Black Identities” UNESCO Caribbean Training Course, Courtleigh Hotel, Jamaica, June 16, 2012, (29pp)
- Keynote speaker, book launch for Evelyn Smart, Jamaican Women on the Road to Parliament, Jamaica Pegasus Hotel, June 30, 2012, (5pp)
- “History, Heritage and Black Identity” Churches Credit Union, July 19, 2012. (12pp)
- “The Role of the Church in Slavery and Emancipation”, Elim Gospel Hall’s Emancipation Lecturer, July 22, 2012 (20pp)

- “Our journey to independence: Historical Reflections on Women’s Roles”, Through Women’s Eyes Lecture, July 29, 2012 (13pp)

PUBLICATIONS

Refereed Articles & Book Chapters:

- * **Dalea Bean**, “Teaching men feminism in the Caribbean: Experiences from an online programme”. *International Women Online Journal of Distance Education 1*, vol. 2, 2012. 15-20.
- * **Dalea Bean**, ““This is an Empire War!” Contextualizing issues of Britishness, Gender and Jamaican Loyalty during World War I and II”. *Islands and Britishness: A Global Perspective*. pp 120-133, UK: Cambridge Scholars, 2012
- * **Shakira Maxwell**, “Searching for some Respect: Experiences of Administrators in a University Environment”, *RG2*, Issue 3, March 2012
- * **Verene Shepherd**, “Marcus Garvey and the Education of People of African Descent in A Post-Colonial Society”, 76 King Street, Vol, 2 - *The Journal of Liberty Hall: The Legacy of Marcus Garvey*, July 20, 2011.

INCOME GENERATION

- IDB funded project entitled, “Adolescent Dislocation in Jamaica: Causes and Costs of Dislocation at the Secondary Level” – US\$90,000
- CARIBSAVE - second tranche of the two year funded – J\$3M
- MSc Self Financing Programme – J\$3M

PUBLIC SERVICE

Dalea Bean

- Member, Research Volunteer, 51% Coalition

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, Blackspace Collective
- Member, Violence Prevention Alliance

Shakira Maxwell

- Member, Development Alternatives with Women for a New Era (DAWN) Caribbean Kingston
- Member, Jamaica Women’s Political Caucus

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)
- Member, Editorial Committee/Advisory Boards

the Arts Journal

Jamaica Journal

Slavery and Abolition

Small Axe

Social & Economic Studies

Atlantic Studies

Journal of Caribbean History

International Journal of African Renaissance Studies

INTERNATIONAL CENTRE FOR ENVIRONMENTAL AND NUCLEAR SCIENCES (ICENS)

**Richard Annells, BSc, PhD *St. Andrews*, FIMMM, CEng
– Director General**

Dr Richard Annells, previously of the British Geological Survey, took up the post of Director General in September 2011 on the retirement of **Professor Gerald Lalor**. In the same month Dr Adrian Spence, who recently graduated from Dublin City University with a doctorate in environmental and analytical chemistry, took up the position of Head of the Spectrometry Laboratory. Ms Joan Lewis, Financial Officer, left in November to follow a degree in Law and Mr Ryan Evans, Head, Administration and Finance, left in April on appointment to the Ministry of Finance. Ms Sandra Hunter, formerly of the Port Authority, was selected as the new Head, Finance and Administration. ICENS began the planning of new science and technology projects in response to the policy guidelines set out by the Ministry of Energy and Mining (renamed Ministry of Science, Technology, Energy and Mining in January 2012) and the ICENS Board of Directors.



WORK OF THE DEPARTMENT

The double use of geochemical data: 1) as a way to trace transfers of elements from soils to people; and 2) as a method for mineral exploration.

ICENS research continued to focus on the abundances and transfers of inorganic 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.

The geochemical survey was extended to stream sediments in the north of Manchester and Clarendon parishes. The analytical data obtained from the samples will be used to measure element abundances during the environmental monitoring of rocks, soils, pastures, agricultural products, foodstuffs and medical samples. The rock and soil sample data can also be used to map the spatial distribution of geochemical anomalies and alteration haloes to help detect mineral occurrences. Gold, copper, lead and zinc occur naturally in the Cretaceous volcanics of the oldest geological units in Jamaica but the exact ‘anatomy’ of the mineralised structures still remains to be defined in detail. To date gold in Jamaica seems to be much less abundant than copper which continues to be in demand worldwide.

Soil geochemistry

Research in soil geochemistry concentrated on three laboratory experiments related to the speciation of cadmium in Jamaican soils, i.e. its distribution pathways in a particular sample or matrix type. After several weeks of optimization experiments, 40 soil samples (generating 200 different fractions) were analysed by ICP-OES for cadmium and pH and organic matter information were collected for the same suite of 40 samples. Cadmium data for 40 plant samples from the corresponding soils were obtained for comparative analysis and interpretation of results is in progress.

The second experimental project on speciation used ICP-OES to analyse a total of 168 soil samples for cadmium during experiments on the adsorption and desorption kinetics of this element. The third project began an assessment of the adsorption of cadmium to montmorillonite-microbial complexes in soil in five separate experiments to generate a minimum of 15 complexes and controls for further analysis.

Geochemical analysis of foodstuffs

A Jamaican national database on chemistry of foodstuffs

The chemical analysis of Jamaican farmed and processed foodstuffs using ICP-OES and AAS continued with the ultimate aim of compiling a Jamaican national database to provide:

- Food composition tables setting out major and trace element contents to support nutrition and diet prescriptions and regulations as to elemental contents.
- A better understanding of how food plants and animals take up elements from soil and thus influence land use determinations.
- Indications of the effects of elemental interactions on plant uptakes.
- A way to ensure food quality and compliance with relevant international food standards.

The food composition database is now 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.

Analytical work on foodstuffs

Analytical work during 2011-2012 concentrated on vegetables, fruit and grains and fish.

ICENS tested numerous samples of Jamaican foodstuffs 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.

In the context of food safety ICENS carried out cluster analysis of 26 different types of white, parboiled and brown rice commonly sold in Jamaica. The white rice group included a product labelled 'brown rice' which may suggest that some adulteration occurred during processing. Hierarchical clustering proved to be a rapid method for analysing the dataset, correctly clustering rice samples to identify their location, cultivars and the possibly adulterated sample. The analysis shows that for future work the number of quantifications can be reduced to the 15 elements aluminium, bromine, calcium, iron, potassium, magnesium, manganese, sodium, phosphorus, rubidium, sulphur and zinc for rice type

identification and adulteration detection; and arsenic, cadmium and mercury for food safety.

Mercury toxicity in fish continued to be of Caribbean and global interest. During the report period ICENS analysed 95 fish samples - snapper, parrotfish, yellow goatfish, butterfish, jack and lionfish - for arsenic, bromine, caesium, calcium, cerium, chromium, cobalt, copper, europium, hafnium, iron, manganese, mercury, potassium, rubidium, scandium, selenium, silver, strontium, thorium and zinc. In view of the increasing popularity in Jamaica of consuming lion fish it was thought timely that an elemental analysis of locally caught fish be carried out. A total of 25 lion-fish caught at five different sites around Jamaica was analyzed for 32 elements, making a total of 800 determinations. Given the piscivorous nature of lion-fish and their position near the top of the marine food chain there exists the possibility of bio-magnification of certain toxic elements such as mercury.

About 26% of all the fish samples that ICENS analysed had mercury contents equal to or above 0.50 mg/kg, up to a value of 1.55 mg/kg which exceeds the average of 0.189 mg/kg found in snapper by the United States Food and Drug Administration. ICENS noted that selenium values ranged from 1.07 to 4.68 mg/kg and were always higher than the mercury values in the corresponding fish sample. Selenium is known to bind mercury and mitigate its deleterious effects and this mechanism seems to operate in the Jamaican samples. Other elements of interest include calcium (725 to 5397 mg/kg), potassium (0.6 to 1.3 %) and low values of arsenic (2.1 to 80.7 mg/kg).

Following the US Environmental Protection Agency standards, these findings indicate that attention should be paid to the consumption of snapper and lionfish especially by pregnant women from some sites on the South Coast. Work is in progress to determine whether advisories may be necessary.

The chemistry of human tissues

The elemental content of human tissues is of key importance to the preservation of good health. As sample tissue is not abundant and is

difficult to obtain, 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 areas that should be investigated, 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 implication of such relationships is not well understood but the preliminary findings do indicate the potential value of such work which ICENS will continue.

Lead in the human population

ICENS continued to work on issues related to mitigating the toxic effects of lead in the human environment. A resurvey of the effects of the heavy rains during 2010 on the ICENS 1995-2005 work done to isolate lead sources in Kintyre showed that these mitigation steps have held up very well but also revealed a few previously unknown exposures to lead waste. These exposures will require attention should people begin living closer to those particular areas. It is important to monitor the distribution of lead in the urban environment because studies in the US and Australia indicate that children with untreated lead poisoning may be at risk of developing brain disorders that cause criminal traits in later life.

Soil conservation

With RPPD, ICENS continued 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, for the 5 year period from 2009-2013. Work slowed down due to staff changes among the external collaborators but ICENS plans to relaunch the project with new partners from MoAF so that it can construct a common 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: Argentina, Bolivia, Brazil, Chile, Cuba, Dominican Republic, El Salvador, Haiti, Jamaica, Mexico, Nicaragua, Peru, Uruguay and Venezuela.

Rare earth elements

At the request of the University Chemistry department, which had succeeded in synthesizing several rare earth (REE) compounds of unusual composition, ICENS developed a method to determine elemental concentrations for dysprosium and terbium, the main elements of interest during this particular study. The results have accepted for publication in an international journal.

ICENS also started planning a new project to stimulate a small-scale Jamaican industry for recovering and selling on REE from components in end-of-life electronic items such as mobile phones, computers and television sets. It is now widely recognised that such waste items are richer and more accessible sources of REE than many naturally occurring ores.

Data Sharing

Since 1984 data sharing has been one of the priority activities of ICENS because ready access to existing information held by most Jamaican S&T institutions continues to be hard to achieve. ICENS recognises that collecting samples and data is expensive and it can provide the continuous and objective curation that is critical for sustaining the integrity of Jamaica’s important national endowment of data and information resources. The advanced indexing of the ICENS EShare 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.

As primary field and laboratory data are only raw materials ICENS continues to add value by transforming them into information and knowledge products suitable for providing high-level decision makers with GIS-based spatial assessments, interpretations, visualisations and predictions based on terrain models which can inform realistic options for action and the shaping of national strategies. Through the ICENS open access online EShare system Jamaican institutions can share georeferenced digital data and information online by means of an open access repository: 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).

Plans are in hand to link the new Ministry of Science, Technology, Energy and Mining to the EShare system. In May, the Caribbean Knowledge and Learning Network (CKLN) completed the construction of C@ribNET and linked 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. ICENS is preparing to participate actively in this venture as the Mona Campus of the UWI will be one of the nodes in the Jamaica RENS.

Nuclear Power

The ICENS prefeasibility study carried out at the request of the Minister of Energy and Mining was referred to in ongoing analysis of the current Jamaican energy situation. Nuclear power is now a huge global industry supplying 16% of world electricity demand: some countries (e.g. France) obtain 80% of their power from nuclear sources. As of 2012 a total of 548 new power plants is under construction, on order, planned or proposed

worldwide (World Nuclear Organisation). Although shale oil derived from fracking is becoming increasingly competitive, it is not available in Jamaica and nuclear power continues to compete with coal in price. The price gap in favour for nuclear power will increase over time with mandatory 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 benefit in the long term from uranium fuel that is 100 000 times more powerful than oil: 1 kg of uranium produces 400 000 kWh while 1 kg of oil produces only 4 kWh and uranium is not affected by short-term fluctuations in market price. Until recently the size and costs of nuclear power reactors excluded the application of nuclear energy for smaller countries but new safe, small, high efficiency reactors (10-125 MWe) that can be factory manufactured as modules small enough for transport to site exist as prototypes and could be available within ten years. For the first time nuclear energy for Jamaica within a decade deserves a full examination. In this connection ICENS participates in local programmes and regional IAEA initiatives to support the rational considerations of nuclear energy in the region.

NEW PROJECTS

Open system architecture for Neutron Activation Analysis (OpenNAA)

ICENS has entered into 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 will see the development of 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.

Open NAA 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 Energy and Mining ICENS initiated collaboration with Mines and Geology Division and UWI Geography and Geology Department and UWI Marine Geology Department on compilation of a new online geological map of Jamaica and a layer of mineral occurrence data for the orientation of 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 are suitable for use in cost effective road construction, road repairs, trench filling and other civil engineering applications and ICENS plans a proof of concept project that will emplace a test strip suitable for heavy vehicles on the Mona campus.

During the year ICENS also started to plan 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 of these projects aims to develop environmentally friendly materials for packaging and food containers from banana plant waste as a means of substituting polystyrene which is harming 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 components containing

rare earth elements (REE) 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

The Jamaican public shows little realisation that science is an important way to solve societal problems, possibly because of gaps in formal education and the circumstance that most of the day to day products or technologies it uses are imported readymade. ICENS strives to do research that is useful and relevant to the practical needs and ethics of Jamaican society as one way of demonstrating the importance of science and raising the level of interest in it. Most countries with successful economies recognise that R&D is a key capital investment in their future wealth and wellbeing and a surprising number of them are boosting their investment in R&D as a measure to rise out of the current financial depression. Events like UWI Research Days may need to attract more people from key groups such as business and political leaders, diplomats, funding and donor agencies, international and local NGOs, potential 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 show the interest required to enter the next generation of career scientists. However a well-conceived road map and needs study will have to be made 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

- **J.M.R. Antoine**, and C.N. Grant. The Development and Characterisation of the in-house Quality Control Material “Soil of Jamaica”. 13th International Symposium on Biological and Environmental Reference Materials (BERM13), IAEA, Vienna, June 25-29, 2012.

- **J.A. Preston.** Neutron Science Applications for Multi-Disciplinary Research Centres in Developing States. International Atomic Energy Agency Workshop/Technical Meeting on Innovative Applications of Small Research Reactors, Small Neutron Generators and Isotopic Neutron Sources, at City University of Hong Kong, Hong Kong (SAR), China, April 30 – May 3, 2012.
- **J.A. Preston.** Status of Radiation Monitoring Activities in Jamaica. IAEA Workshop on the Establishment and Maintenance of the International Radiation Monitoring Information System (IRMIS), March 19-21, 2012, Vienna Austria.
- **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. Presented at the tenth International Conference on Nuclear Analytical Methods in the Life Sciences (NAMLS10) in Bangkok, Thailand, January 15-20, 2012, *Journal of Radio Analytical and Nuclear Chemistry*.
- **J.A. Preston** and Grant C.N. A Software Architectural Framework Specification for Neutron Activation Analysis. 10th International Conference on Nuclear Analytical Methods in the Life Sciences (NAMLS10) in Bangkok, Thailand, January 15-20, 2012. *Journal of Radio analytical and Nuclear Chemistry*.
- **J.A. Preston.** ESHARE. Inter-Academy Panel / TWAS / Caribbean Academy of Sciences Program on Digital Knowledge Resources and Infrastructure in Developing Countries Technical Meeting on Open Access and Dissemination of Scientific Information in Central America and the Caribbean, Courtleigh Hotel, Kingston, December 5-6, 2011.
- **C.N. Grant,** HEU LEU Core Conversion of the SLOWPOKE-2 Reactor, Regional Practical Workshop on the Decommissioning of Radioactively Contaminated Facilities: August 22-26, 2011 – NECSA, South Africa.

PUBLICATIONS

- * **C.N. Grant, G.C. Lalor** and M. Balcazar, “Radon monitoring in sites of economical importance in Jamaica”, Applied Radiation and Isotopes, <http://dx.doi.org/10.1016/j.apradiso.2012.07.007>
- * **G.C. Lalor.** Cadmium. Second National Report on Chemicals in the Jamaican Environment. 41p.
- * **J.M.R. Antoine** and **C.N. Grant.** “The Development and Characterisation of the in-house Quality Control Material “Soil of Jamaica””. 13th International Symposium on Biological and Environmental Reference Materials (BERM13), Book of Synopses, IAEA, Vienna, June 25-29, 2012.
- * **J. M. R. Antoine, L. A. Hoo Fung, C.N. Grant, H.T. Dennis,** and **G.C Lalor.** 2012. “Dietary intake of minerals and trace elements in rice on the Jamaican market”. *Journal of Food Composition and Analysis* 26, 111-121.
- * **A. Spence,** and **Kelleher, B.P.** “FT-IR spectroscopic analysis of kaolinite-microbial interactions”. *Vibrational Spectroscopy*, 61, (2012). 151-155.

PUBLIC SERVICE

Dr Richard Annells

- Member, Fellow of 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

- Member, ARCAL National Coordinator (Jamaica).
- Member, 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.
- Member, National Coordinator for Incident Reporting system for Research Reactors.
- Member, National Coordinator, IAEA Radiation Safety Information Management System (RASIMS).

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Mr. John Preston

- Member, Land Information Council of Jamaica.

- Independent Member, GOJ Telecommunications Appeals Tribunal.

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- Member, American Chemical Society.
- Member, American society of Mass Spectrometry.
- Member, United Way Jamaica.
- Member, Jamaica Flour Mills Foundation.

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MONA SCHOOL OF BUSINESS

Professor Evan W. Duggan – Executive Director

WORK OF THE SCHOOL

The Mona School of Business (MSB) turned 25 in this school year – an extremely important milestone in our evolution. We have made significant advances in a relatively short time and are poised to achieve much more. It is undeniable that the school has maintained a progressive trajectory. MSB has contributed to the development of a particular ethos within the business community by producing ready-to-perform graduates with the confidence to innovate and lead and the capability to operate effectively as members of high performance work teams; providing for each a refined perspective on the global business environment and an intense sense of the national reality.



However, conditions today are far more inauspicious than they were 25 years ago and, like all enlightened enterprises, as we glance through the rear-view mirror we must focus intently on the road ahead. We must maintain an acute sense of what ought to endure - those few, precious “things” that absolutely should not change - but quite importantly, recalibrate to keep abreast of the frantic pace of change and innovation and remain alert to the potential upheavals that may dramatically and suddenly alter familiar landscapes.

This awareness calls for greater thoughtfulness in conceiving of an ambitious but attainable future for ourselves and our varied stakeholders and planning and implementing appropriate strategies to (1) continue to deliver the highest quality and a vastly superior product than our several and growing competitors, (2) ensure the long-term financial viability of the School, (3) make the priorities of the nation deeply rooted in our scholarly

pursuits and focus, (4) remain highly visible in the business community, where we have been positioning ourselves as a solution-oriented centre of relevance and value and, (5) persist in obtaining external inputs into the planning and validation of our programmes and activities.

This report on MSB's activities represents an epilogue to its storied existence and significant accomplishments but far more importantly it is a prelude to the enormous promise of a remarkable future heralded by the much grander expectations of the new and exciting enterprise formed by the merger of the Department of Management Studies (DOMS) and MSB, which became the **Mona School of Business and Management (MSBM)** on August 1, 2012. The proposed merger ignited much interest and debate and was approved by the relevant University boards and committees. It became reality through the efforts of a dedicated cadre of engaged and diligent faculty and staff, the unwavering support of our Principal and the critical input and wise counsel of members of several MSB advisors.

The MSB-DOMS merger corrected the anomaly of having two business schools on the same university campus, however, more significantly, this integrated entity will provide the critical mass and benefits of scope and scale to drastically improve our research capability, provide flexibilities in teaching and learning, extend the opportunities for all our varied stakeholders, generally increase the quality and range of our programmes, and help to define a value proposition that cannot be replicated by any of our several rivals in this space.

However, we did not lose focus on the core activities of attracting outstanding students and lecturers, servicing the needs of our clients, investing in our technology infrastructure, fostering deeper connections with other departments on campus, strengthening collaborative arrangements with international institutions, or thinking critically about how the School can continue to enrich the experience for stakeholders, contribute to the enhancement of its reputation and visibility and concretize the reputation of excellence and relevance.

MSB delivered over 180 new graduates to the business community. They are the second cohort of students to have studied through the entire

period of the global economic and social instability and many of their colleagues did not make it for financial reasons. As these graduates apply the knowledge they have acquired, we hope we have sufficiently implanted the notions that the performance bar has been raised several notches for them and expectations are more imposing than those of their predecessors. Many of the earlier global signs of economic recovery are seemingly dissipating and unusual creativity and innovation are required to mitigate the perpetual threats and assorted challenges that confront the modern enterprise.

Our graduates will be required to formulate innovative responses to business complexity, uncertainty and equivocality, and to be proactive in exploiting windows of emerging opportunities or anticipating disruptions and identifying and implementing pre-emptive strategies to dampen their potential impacts. We are hoping that our DBA students - a group known to possess the requisite intellectual capacity, and energy - will begin to make their mark soon in conducting scholarly and relevant research both independently and collaboratively to explore, investigate, interpret, and extend knowledge that will yield dividends in addressing many of the ills of our society.

One objective that has proven somewhat elusive to date is our intention to set alight fires of entrepreneurship from the sparks of innovation we have ignited. We continue to foster the emergence of creative and feasible business ideas; however, progress towards the stages of bankable entrepreneurial initiatives has not nearly kept pace. The synergy expected from integrated undergraduate and graduate programmes of MSBM is expected to advance this goal and produce the creativity and management to transform entrepreneurial opportunities into useful innovations.

Among the accomplishments that generated a great deal of pride was MSB's receipt of the highly complementary report that the Association of MBA's (AMBA's) assessment panel submitted to their International Accreditation Advisory Board (IAAB) and the **IAAB's official notification of the accreditation of our MBA and EMBA programmes.** This has enhanced our value proposition and international visibility and credibility, by signalling to stakeholders that experienced, independent reviewers have validated the relevance and quality of our

programmes and certified that we meet and exceed specific International quality standards and are among the top tiers of business schools. Accreditation assures current and potential students that their investment will be rewarded; graduates that their degree will retain its value and is internationally transferable, if necessary; and members of the business community that they can expect a pool of well educated, ready-to-perform graduates from which to recruit.

AMBA accreditation and its review processes have also committed MSB to continuous improvement; it is not a one-off activity. Instead, there is periodic re-accreditation and we are required to demonstrate during regular review cycles that we are developing, growing, and remaining current and relevant; not merely maintaining the standards that secured our accreditation. It forces us to introspect and reinforce and leverage our strengths and to devise remedial action for identified weaknesses; even those that escape the powerful probing lenses of the assessors.

MSB completed a path-breaking research and benchmarking study of Mobile Financial Services in collaboration with Solutions for Society, another University Think Tank. This important work provided hitherto un-researched and unknown information about the size and characteristics of Jamaica's un-banked and under-banked population and the economic opportunities associated with such services. We reported the integrated findings and recommendations for the way forward for an inclusive, broad-based Mobile Payments System in Jamaica at a conference in December 2011 that attracted all stakeholders - the Government and Bank of Jamaica, the telecommunications companies, the Banking Association of Jamaica, the regulators, and representatives of several associations interested in financial inclusion. Both the analytic and detailed research findings underscored the considerable potential that the appropriate introduction of mobile financial services technology could have for Jamaica's socio-economic circumstances. The research helped to quantify and characterize the nature of the un-banked population in Jamaica, by way of a national survey, and we presented a compelling case for the macro-economic and developmental impact of mobile financial services. Draft copies of the study were presented to the Prime Minister, the Bank of Jamaica, and the Ministers of Finance and Industry, Commerce & Investment and all participants at the conference.

MSB similarly turned the spotlight on the extremely important and high-priority issue of the high cost of energy generally, and electricity in particular. The cost of electricity is a key factor of production in our quest to achieve economic growth and development. Its high cost has had a large negative impact on the productivity of most sectors and affected our ability to compete globally. We engaged in the following high profile activities:

- Organized a symposium in collaboration with the Jamaica Productivity Centre (JPC) and the Office of Utilities Regulation (OUR) to facilitate a discussion and share with the results of the JPC's study on *"The Generation and Distribution of Electricity in Jamaica: A Regional Comparison of Performance Indicators,"* which provided several important clues to opportunities for price reduction.
- Devoted the last issue of the *MSB Review* to the featured story "Energy Cost and our Economic Future." This resonated with readers and the *Gleaner* reprinted three of the articles from the magazine and organized an Editor's Forum with the authors and the Editor around this theme.
- Dedicated one **Kingston 360° Breakfast Series** presentation (an MSB/ Spanish Court Hotel collaborative arrangement to bring distinguished speakers from the Jamaican Diaspora to focus on issues of national priority) to this topic. Mr Lincoln Bailey, Jamaican-born energy economist, discussed the advantages of cool coal technology as a viable energy source for Jamaica with academics and members of the business community.
- Partnered with the Principal's office to form an Energy Think Tank, whose members have been analysing the electricity crisis and providing recommendations for its resolution and shared their ideas in several articles that have been published in the *Gleaner*.

MSB has extended its footprint in the risk management space after devoting the first MSB Roundtable to this under-engaged topic in Jamaica

two years ago. This year, the Corporate Governance Unit of the International Finance Corporation (IFC) sponsored a two-day Risk Governance Workshop “Risk Management and the Board of Directors” which was held in conjunction with the Private Sector Organisation of Jamaica (PSOJ) and the Jamaica Stock Exchange. The main speakers, Professors Aswath Damodaran and Oliviero Roggi from New York University’s Stern School of Business, assisted participants in reflecting on the tools needed for effective oversight of risk-taking in their firms and to enhance the risk oversight structures, processes and competence of board members and senior managers. We further extended our offering in this area at another Kingston 360° Breakfast presentation, where Jamaican, Mr S. Michael McLaughlin, Principal, McLaughlin Actuarial Consulting, Chicago, IL expounded on the topic: The Risk Intelligent Enterprise – Principles, Players, and Processes. The workshop and the breakfast presentation also provided perfect platforms for advertising the September start of our new Enterprise Risk Management programme which is offered jointly with the Department of Mathematics.

We ramped up a notch in our Executive education and training when we launched the new Caribbean Executive Leadership Series in conjunction with the Jamaica Institute of Financial Services (JIFS) in an intensive three-day Seminar, which, according to the participants’ evaluations, was a resounding success. This programme is designed to sharpen the skills of leaders of financial services to address issues related to managing growth, diversification and innovation in focused workshops’. The workshops discussions were seeded by contextual research (provided by the facilitators) and participants benefitted from pre-workshop readings, interactive presentations and discussions, case analysis, role-play, simulations and critical thinking exercises. The proceedings of the Seminar were published.

The annual MSB Roundtable, at UWI Mona Visitors’ Lodge & Conference Centre, was sponsored this year by Sandals Resorts International (SRI). It was a resounding success. Since its inception in 2010, the Roundtable has focused on providing insights and intervention strategies for organizational recovery and growth, the proceedings have been published and made available to participants. This year’s theme was

“Organizational Growth: Securing the Present and the Future.” SRI’s CEO, Adam Stewart, was the keynote speaker.

A Major Cloud Computing Conference was hosted by the Mona School of Business (MSB) and held at the Pegasus Hotel in Kingston November 1-2, 2011, with an average of 200 participants and over 20 presenters representing information technologists, academics, practitioners, business strategists, and users from the business community, government organizations and academia. The conference was organized in collaboration with the International Telecommunication Union (ITU), lead sponsor Digicel Business and corporate sponsors, CISCO, Broadsoft and Fujitsu under the theme **“New Applications in Managing Hosted Corporate and Information Services”**. The core objective of the conference was to (1) elucidate the issues surrounding the possible deployment and use of cloud computing services as an alternative sourcing arrangement for ICT services, (2) identify the potential benefits and the risks of adopting Cloud Services, (3) clarify strategic and tactical issues, and technical considerations for effective deployment by both public and private sector organizations, and (4) discuss examples of successful adoption, and opportunities for usage on a larger scale in Jamaica and the Caribbean. A major outcome was the plan to form a Cloud Policy Working Group in Jamaica to develop on the issues discussed, provide public and industry information, and develop strategies for effective use and self-regulation.

MSB continues to collaborate with reputable International Bodies. We have been the longstanding partner institution of the World Economic Forum (WEF) for the collection of data in Jamaica for their Global Competitiveness Report. This year we hosted a World Bank public lecture and consultation on “Diaspora Bonds: Partnering with the Diaspora for investment and economic growth,” which was delivered by Dr Dilip Ratha, Lead Economist and Manager of the Joint Migration and Remittances Team in the Development Prospects Group at the World Bank. The initiative was aimed at stimulating the interest of the sector and thought leaders in an instrument that can realize funding for targeted, novel industries and assist in stimulating economic growth. Dr Ratha identified projects in other countries that benefited from similar bonds and the policies needed to mobilize diaspora resources.

MSB is extremely proud of its Board Chairperson, Ms Minna Israel, for having been conferred with the **Honorary Degree of Doctor of Laws (LLD)** by the University of the West Indies at the Presentation of Graduates Ceremony on Saturday November 5. We also laud Mr Earl Jarrett, who has chaired the MSB Think Tank for several years, for being similarly recognized and congratulate Directors Mr Peter Moses and Ambassador Saunders for the national recognition of their outstanding achievements by their award of the high honour of the Order of Jamaica (OD).

Ms Israel also joined the school as a Distinguished Business Fellow, in March 2012. She has hit the ground running, particularly in spearheading the endowment and grant-seeking activities of the School. She will also provide advice on the expansion and strengthening of the consultancy and projects unit of the School and the expansion of our offerings generally to international students.

ACADEMIC PROGRAMMES

The 2011/2012 academic year saw a high level of activity in MSB with external examiners' visits, numerous information and application sessions, the new student intake, graduation and awards ceremonies, among others.

MSB Graduates 2011

Approximately 197 MSB students graduated this year from the MBA, EMBA, Diploma in Business Administration and MSc. Telecommunications Policy and Technology Management (MSc. TPM) programmes. The Annual Awards ceremony for outstanding achievers was held on November 30, 2011 at the Mona Visitors' Lodge. The guest speaker was Mrs. Donna Duncan-Scott, Executive Director of Culture and Leadership, JMMB. A special feature of the event was that the prizes for top performers in each concentration were sponsored by corporate entities whose representatives made the actual presentation. The prestigious award for "The Most Outstanding Student" of the Graduating Class of 2011 was presented to **Danielle Dailey-Longman**. Ms. Dailey-Longman who earned 20 'A's out of a possible 21 courses in the

MBA programme also copped the Grace Kennedy Award for the Top student in the Banking and Finance concentration in the MBA programme.

Table 1 provides a breakdown of MBA graduates based on Concentrations.

Area of Concentration	Number of Students	Percentage
Banking and Finance	38	29%
General Management	43	33%
International Business Management	7	5%
Marketing Management	25	19%
Human Resource Management	8	6%
MIS	11	8%

Finalizing Students

Table 2 indicates the number of students who proceeded to the final phase of their programmes during the period under review. In the case of the part-time students (MBA and EMBA), they commenced studies in May 2010, have done their final courses and should be eligible for graduation in November 2012. The full-time and Diploma students entered in May 2011 and are due to graduate in November 2012.

Table 2: Finalizing Students

Programme	Total
MBA FT	12
MBA PT, Sundays	41
MBA PT, Evenings	45
EMBA	10
Total EMBA and MBA	108
Diploma	18
MBM	9
TPM	6
Grand Total	141

Admissions and Enrolment

In preparation for new entrants, the Programmes Unit again hosted Information/Application sessions. These did not seem as useful as previous sessions, as there were not many persons who showed up for information. We believe this could be attributed to the fact that there were no stand-alone advertisements promoting the event.

For the incoming group of MBA part-time evening candidates, a decision was taken this year to have only one MBA PT Evening group. This was as a result of insufficient persons selecting the 2 Evenings and Saturday option. The decision made was based on AMBA regulations which stipulate no cohort should be less than 20 persons. As such, persons who selected the 2 Evenings and Saturday option were asked to transfer to the 3 Evenings or Sunday option. The 3 Evenings group now has 66 registered students and the Sunday group has 61 registered students.

Recruitment of TPM Masters - Cohort 3

The Telecommunications Policy and Management (TPM) Programme interviewed applicants and recruited the 22 students who now make up the 3rd Cohort for the TPM Masters Degree. The selection of the class took place from a group of 70 applicants and deferred acceptances. The TPM Programme is fortunate in attracting so many mid-career professionals across the region as applicants to the specialized programme and the School is also satisfied with the selectivity ratio applied to the recruitment of members of the TPM class. Among those selected are 9 females and 13 males, from diverse backgrounds including IT, broadcasting, law, engineering and business. Courses in the programme are delivered mostly by distance via the online platform Moodle. While the majority of students come from Jamaica, there were 3 students from Trinidad and Tobago and 1 from the United States among those selected this year.

QUALITY ASSURANCE

External Examiners' Meetings

The final meetings of the Board of Examiners for the academic year 2011/2012 took place in late August. These meetings formally assessed

students' performances and declared those eligible for graduation in November 2012. The external examiners continue to endorse our programmes' rigour and high quality standards, the commitment to teaching and learning, the use of technology assistance in our blended approach, and MSB's assessment structure. They have also commented favourably on the proactive manner in which we continue to design and deliver relevant products and processes. The external examiners are also sources of valuable recommendations for the improvement of our academic standing, influence and effectiveness. The current external examiners are: Professor Kasim Alli, Clark Atlanta University; Professor Barron Harvey, Dean, Business School, Howard University; and Professor Edward Davis, Professor of Decision Sciences, School of Business Administration, Clark Atlanta University.

Exit Interviews and Focus Group Meetings with Graduating Students

Exit interviews have been conducted with the outgoing EMBA, MBA and diploma students. Both focus groups and online surveys were used. The results will be used to provide insights for enriching the MSB student experience.

NEW AND REVISED PROGRAMMES

The MSc ERM degree programme offered by The Mona School of Business in conjunction with the Department of Mathematics, Faculty of Pure and Applied Science, University of the West Indies, was introduced in February 2012. The new programme has been promoted via print media, social media and direct mail to select groups/individuals. Work continues with the design of several new programmes and courses: The MSc in Sports and Events Management; The development of a Services Management concentration, which will be offered initially at Western Jamaica Campus; and a suite of courses in Competitiveness which will be available in the General Management concentration.

Doctorate in Business Administration (DBA)

The first cohort of DBA students is well into the dissertation phase of the programme. Some have already defended their research proposals while the others are lining up to do so. The second cohort has completed the coursework phase and is preparing to do comprehensive exams. They have also successfully planned and, on June 19, 2012, mounted the Academic conference that is a required component of their programme.

Executive Master in Educational Management (EMEM)

The MSB together with the MICO University College jointly offers an Executive Master in Educational Management (EMEM) for Principals and Senior Administrators. The second Cohort of the EMEM commenced on January 17, 2011. There are ten students on enrolment. The EMEM Cohort 1 students who are re-sitting their failed courses will be graduating from Mico in December 2012. The third Cohort of EMEM students are slated to begin the programme on September 10, 2012. There are approximately thirteen students who have accepted their offers.

Master of Business Management (MBM)

The first cohort of the Master of Business Management (MBM) programme is in the entrepreneurship track or the internship stage, depending on the student's choice. The second cohort of the MBM began with orientation on August 29, and classes began on September 5. The cohort size was 13. The first student has completed her MBM internship at Barita Portfolio Management Limited and has secured a job as an Equity Analyst at VM Wealth Management. Three other students have been placed at Sagicor, Jamaica National Building Society and Junior Achievement Jamaica.

Sports and Events Management

The newly designed Diploma in Sports Management has been completed, was approved at Faculty Board and will now go on for approval by the Campus Graduate Committee.

Opportunity Funding Challenge Venture Competition (OFCVC)

The MSB team that represented the University at the annual Opportunity Funding Corporation Venture Challenge in Atlanta, Georgia, placed 5th in the competition. They competed among 22 other colleges and universities based in the United States of America. The team displayed poise and confidence and represented the University and by extension Jamaica very well.

CENTER OF EXCELLENCE (CoE) FOR IT-ENABLED BUSINESS INNOVATIONS

On February 2, 2012, the MSB hosted a breakfast session with sponsors, potential sponsors and representatives of the Ministry of Education and Early Childhood Commission as part of the commemoration of the first anniversary of the launch of the One-Laptop-Per-Child (OLPC) project in Jamaica. Six members of the global OLPC community visited the island from January 29-February 5, 2012 during which they visited the August Town and New Providence Primary Schools where the pilot project was launched last year, to interact with the teachers and students and to engage in training sessions with teachers. The team will capture the visit on film with a view to including this in a documentary to be produced later this year as part of an initiative to publicize to a worldwide audience the great OLPC work being done in Jamaica, Madagascar (Nosy Komba), Philippines, Kenya, Haiti, and Vietnam.

TELECOMMUNICATIONS POLICY & MANAGEMENT PROGRAMME (TPM)

The Telecommunications Policy and Management (TPM) Programme has now accomplished its mission and is being re-branded. On June 27, 2012, the Programme completed the final step in the UWI approvals necessary to become a Campus Centre of the University of the West Indies. This was the culmination of a very successful year which included global recognition for the TPM Masters Programme which was first offered in 2008. The programme's visibility and reputation were improved through the hosting of two major industry relevant activities in the area of focus. The Centre continued to foster partnerships and collaborations with key

local and international organizations including the Digicel Foundation and the International Telecommunication Union. The fundraising mandate was also furthered in the period under review, particularly through the securing of another major research grant from the International Development Research Centre (IDRC).

The Telecommunications Policy and Management Masters Degree (TPM) Programme ranked among the top 200 Masters Degree Programmes in the world in the Project Management and Engineering category by the world-renown institution, Eduniversal, based in France. This ranking was achieved from among over 12,000 such programmes evaluated globally in the 1,000 top business schools.

The TPM hosted a meeting of partners in the Open Business Models Music Project on April 20 and April 21, 2012 at the Knutsford Court Hotel and at the University. In addition to the MSB team, the participants in the meeting included Dr. Fernando Perini, International Development Research Centre, Regional Office, Uruguay, Mr. Laurent Elder, International Development Research Centre, Ottawa, Canada and Mr. Ronaldo Lemos, Center for Technology and Society (CTS), Fundacao Getulio Vargas Law School in Rio de Janeiro, Brazil.

TPM in association with CARIMAC hosted a lecture by the President of the International Association for Media and Communication Research (IAMCR), Professor Annabelle Sreberny on March 19, 2012. It was titled “Global Communication Trends: New Media in Iran”.

PUBLICATIONS

- * **Duggan, E., McNaughton, M., & Donaldson, O.** (2012). Retail Banking Consumer Attitudes and Behaviour: Implications and Insights for Business Strategy and IT Governance. Paper presented at the GIFS/MSB Caribbean Executive Leadership Series, Kingston, Jamaica.
- * D. Chevers, **E.W. Duggan**, S. Goulbourne and S. Moore. (2011). Factors that influence the quality and success of information systems in firms within the English-speaking Caribbean. Proceedings of the Academy of Business Research,

Winter Conference, Planet Hollywood Resort, Las Vegas, November 14-16.

- * **Dunn, Hopeton** and Lewis, Rupert. (Eds) Special Issue of the journal *Critical Arts*. “Communicating Pan-Africanism: Caribbean Leadership and Global Impact”. Vol. 25 No. 4.
- * Dunn, Hopeton (2011). Jamaica Country Report. *Global Information Society Watch (GISW)*, APC.
- * **Dunn, Hopeton** and Lewis, Rupert. (2011). Communicating Pan-Africanism: Caribbean Leadership and Global Impact. *Critical Arts: South-North Cultural and Media Studies*. Special Issue - Vol 25 No 4. December 2011, Routledge and University of South Africa Press.
- * **Dunn, Hopeton** and Lewis, Rupert. (2011). Introduction: Communicating Pan-Africanism: Caribbean Leadership and Global Impact. *Critical Arts: South-North Cultural and Media Studies*. Special Issue - Vol 25, No 4, December 2011, Routledge and University of South Africa Press, pp. 467-472.
- * Dunn, Hopeton. (2011). An Interview with Peter Abrahams: Custodian and Conscience of the Pan-African Movement. *Critical Arts: South-North Cultural and Media Studies*. Special Issue - Vol 25 No 4. December 2011, Routledge and University of South Africa Press, pp. 500-513.
- * Jackson, C. Courtney and **Dunn, Hopeton**. (2011). Feasibility and Cost Benefit Analysis Mobile Number Portability (MNP) in Jamaica and the Caribbean. TPM-MSB.
- * TPM. (2012). Caribbean ICT Indicators and Broadband Study: A Qualitative Report. Prepared for IDRC.
- * **Dunn, Hopeton**. (2011). Our Real ICT Future: Beyond Broadband and Mobile Access in Jamaica. *MSB Business Review*. Vol. 1 Iss. 3, pp. 54-57.
- * **Dunn, Hopeton**. (2012). Jamaican Media: Ringing the Changes 50 Years and Beyond. *Buzz* Vol. 6 #3, pp. 92-96.

- * TPM. (2012) Women and Girls in ICTs: A Supplement commemorating World Telecommunications and Information Society Day. *Jamaica Observer*, May 17, 2012.
- * Lawrence, W. (2012). Coping with external pressures: A note on SME strategy. *Social and Economic Studies* 61(1), 161-170.
- * Lawrence, W. (2012). Executive Leadership Practices for the New Era of Financial Services. Proceedings of Caribbean Executive Leadership Series February 8-10, 2012. ISBN: 978-976-41-0247-2
- * Lawrence, W. (2012). Going Public: Managing SME Turnaround. Proceedings of the Research Symposium titled: “Managing Firms that have Gone Public” staged by the Department of Management Studies, UWI Mona, UWI Council Room on March 29, 2012.
- * **McNaughton, Maurice, S. Thompson, E. W. Duggan** Adoption & Diffusion Patterns Of FOSS In Jamaican SMEs: A Study of Perceptions, Attitudes & Barriers For Owner-Decision Makers. In Free and Open Source Software for Sustainable Development in Developing Countries, United Nations University Institute for Advanced Studies (UNU-IAS), 2012 (Summer).
- * **McNaughton, M.** (2011). Creating Systemic Innovation - Lessons from Open Source Software. *MSB Business Review*, 1(3)
- * **McNaughton, M.** (2011). Fuelling the Energy Debate: Comparative Study on the Generation and Distribution of Electricity. *MSB Business Review*, 1(3)
- * Sowe, S. K. and **M. L. McNaughton** (2012). Using Multiple Case Studies to Analyse Open Source Software Business Sustainability in Sub-Saharan Africa. 8th International Conference on Open Source Systems. Hammamet, Tunisia, 2012.

- * Smith, P. and **Rao, L.** (2012). *Lessons Learned from Introducing a Learning Management System to Support Face to Face and Blended Learning Courses in an MBA Programme.* The 18th Americas Conference on Information Systems (AMCIS), Seattle, Washington, August 9 - 11, 2012.
- * **Rao Lila,** Gunjan Mansingh, Kweku-Muata Osei-Bryson: Building ontology based knowledge maps to assist business process re-engineering. *Decision Support Systems* 52(3): 577-589 (2012).
- * **Thomas, Michele.** (2011). Business in the Clouds: Exploring Hosted Information Services. *MSB Business Review.* Vol. 1 Iss. 3, pp. 58-60.

PUBLIC SERVICE

Mr. Harry Abrikian

- Member, CVSS/United Way Projects and Programmes Committee.
- Member, MSB E-Learning Committee
- Member, MSB Projects Committee
- Member, MSB Venture Capital Competition/Vincent HoSang Committee
- Member, Board of Directors of Business Recovery Systems Limited
- Chair, Finance Committee for the Faculty of Social Sciences.

Mr. Maheshwar Boodraj

- President, Ardenne Alumni Association.
- Member, Board of Management, Ardenne High School.
- Chair, ICT Committee, Ardenne High School.

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

Mrs. Marvalyn Campbell

- Member, Board of Directors, Mico University College
- Member, Board of Directors, Vauxhall High School
- Member, Human Resources Committee, ODPEM
- Technical Director, Jamaica Amateur Softball Association (JASA)
- Recorder, Jamaica Amateur Athletic Association (JAAA)
- Volunteer, Peace Management Initiative (PMI)
- Member, Jamaica National Building Society Advisory Committee, Papine Branch

Mr. Kamau Chionesu

- Contributor, Caribbean Dialogues Forum
- Advisor/Social and Economic Analyst, Jamaicans for Justice, Social and Economic Justice Project.

Professor Evan Duggan

- Associate Editor, *Communications of the Association of information systems* (CAIS) and *Journal of Organizational and End-User Computing*.
- Section Editor, *African Journal of Information Systems* (AJIS).
- Global Editorial Advisory Review Board Member, Idea Group Inc. Publishing Company

- International Editorial Review Board Member, *Advances in End User Computing Book Series*
- Chairman, Board of Directors for SynCon Technologies Ltd.
- Member, PSOJ Steering Committee for the Commercial Alternative Dispute Resolution Centre (CADRC).
- Member, National Commercial Bank’s Corporate Learning Campus Governing Council
- Member, Board of Directors of the Jamaica Diaspora Foundation

Professor Hopeton Dunn

- 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.

Dr. William Lawrence

- Member, Board of Trustees of the Small Business Association of Jamaica.
- Member, Board of Directors of the McIntosh Bedding Company Limited.
- Member, Turnaround Management Association (TMA).

Mrs. Vanda Levy-McMillan:

- Member, Senior Management Team, Jamaica Netball Association
- Member, Jamaica Employer’s Federation Convention Programme sub-committee
- Member, UWI Mona’s Faculty of Social Sciences Teaching and Learning Committee
- Member, Change Management Committee relative to the MSB/DOMS merger

Dr. Maurice McNaughton

- Member of the Committee responsible for implementing the vision and concept of GovNet, the Government communications network that would serve the need of the various ministries and agencies of Government.

Dr. Lawrence Nicholson

- Chair, Steering Committee of the Poverty Reduction Programme (PRP II), funded by the European Union (EU), in collaboration with the government of Jamaica (GoJ) to reduce poverty and crime in violent and volatile communities.
- Chair, Board of Governors of the Mona High School.
- Director, Television Jamaica (TVJ).
- External Examiner for Business courses at UTECH.

Mrs. Patricia Lothian

- Member, Jamaica South African Association
- Board Member, FISH Medical, Dental and Eye Clinic
- Member, Finance Committee, FISH Medical Dental and Eye Clinic
- Member, Fund Raising Committee, Special Olympics of Jamaica
- Member, Human Resource Management Association of Jamaica (HRMAJ)
- Fellow, Jim Moran Institute for Global Entrepreneurship
- Member, National Business Incubation Association, USA
- Member, WIGUT Membership Committee

Dr. Lila Rao-Graham

- Reviewer, Information Systems Frontiers (ISF) Journal

OUTREACH

MSB's Jamaica National Children's Home (JNCH) Outreach Programme

The MSB hosted a Christmas treat for the residents of the Jamaica National Children's Home (JNCH) on December 14, 2011. Most of the gift items and refreshment were donated by staff and sponsors in a collection drive led by the Outreach Committee.

SIR ARTHUR LEWIS INSTITUTE OF SOCIAL AND ECONOMIC STUDIES (SALISES)

Professor Brian Meeks, BSc, MSc, PhD – Director

The Year of Fifty-Fifty

This was a year of intensified outreach, engagement and research as the Fifty-Fifty project moved into high gear. In 2010, 'Fifty-Fifty' was launched as a novel research project that would use the upcoming (2012) fiftieth anniversary of independence of Jamaica and Trinidad and Tobago as a vehicle for a critical inter-disciplinary examination of the independence experience in the Commonwealth Caribbean, alongside a perusal of the prospects for the next fifty years. A series of some seventeen research clusters were established drawing on academics and practitioners in Jamaica, the Caribbean and internationally in order to implement the primary Fifty-Fifty objectives as well as to forge trans-disciplinary and interdisciplinary networks for further cooperation.



Activities commenced in 2010 and included among the highlights of the first year, the 12th annual SALISES conference on the independence experience in small developing countries and a series of three Prime Ministerial Reflections, with former Jamaican Prime Ministers Edward Seaga, P.J. Patterson and Portia Simpson-Miller. Events continued apace in the academic year 2011-12 with some twenty-one events, including:

- A seminar critically reviewing the Planning Institute of Jamaica's (PIOJ) "Growth Inducement Strategy" jointly hosted with the Department of Economics.
- A round table organised by the Education Cluster to collate and assess the various documents associated with post-independence educational policy in Jamaica.

- A series of seminars, “Through Women’s Eyes: Conversations of Independence”, hosted by the Gender Cluster - a team led by the Institute for Gender and Development Studies. Four seminars were held and others were planned for the remainder of the year.
- Participation by the Sustainable Rural Agricultural Development (SRAD) cluster in a jointly sponsored event held in St Mary to recognise the International Day for Rural Women.
- A seminar organized by the Grenada cluster, “Grenada: Retrospective on a Revolution” to commemorate the October 25th anniversary of the Grenada invasion.
- The hosting of the annual Caribbean Child Research Conference, this year under the theme “Promoting Child Rights with Equity: Our Children in Post-Independence Times”.
- A lecture by distinguished New York University (NYU) Professor Pedro Noguera, entitled “Education for Social and Economic Development”.
- The hosting by the Law and Justice cluster of a conference, “Law and Justice in the Commonwealth Caribbean” with keynote speaker St Lucia’s Prime Minister Kenny Anthony.
- The co-hosting with the University College of the Cayman Islands in Grand Cayman of “The Fifty-Fifty Conference: Surveying the Past: Mapping the Future”, with a focus on the prospects for the non-independent Caribbean.
- Cooperation with Florida International University (FIU) and the Digital Library of the Caribbean in the exhibition “Fifty-Fifty Road to Independence: Jamaica and Trinidad and Tobago”, held at FIU.
- Keynote address by Professor Brian Meeks “Jamaica on the Cusp of Fifty: Whither Nationalism and Sovereignty”, at the Seminar “Fifty Years of Jamaican Independence” held by the Institute for the Study of the Americas, University of London.

- Lecture by Professor Paul Sutton on “The European Union and Overseas Countries and Territories: Search for a New Relationship”
- A conference, hosted by SALISES St Augustine entitled “Trinidad and Tobago at Fifty: A Model Nation?”
- A seminar hosted by the Social Policy cluster entitled “Has Social Policy Achieved Anything since Independence?”
- A collaborative international Conference led by the SRAD cluster, “Globalization, Climate Change and Rural Resilience”.
- A symposium hosted by the Education cluster, “The Financing of Education at the Primary and Secondary Levels”.
- Keynote address by Brian Meeks at the seminar hosted by Casa de las Americas in Havana “Medio Siglo de Descolonización e Independencia en el Caribe Anglófono”.

Fifty-Fifty will culminate in August 2012 with a flagship international conference in Kingston, “Fifty-Fifty: Critical Reflections in a Time of Uncertainty” involving over 300 scholars and practitioners organised in some 67 panels and roundtables. Details of this conference will be captured in the SALISES report for 2012-13. The expected short-term research outputs of the project include a commemorative conference volume, a number of edited collections based on specific themes and special fifty-fifty issues of the SALISES journal *Social and Economic Studies*. Plans are also afoot to produce a film which will document the project and explore its critical themes. More mid-term benefits are expected to come from the sustenance and expansion of the research clusters and the identification of a research agenda which will form the basis of the Institute’s work for the coming decade and beyond.

New MSc Programme

Following a curriculum review in 2011, fellows from all three SALISES branches at Mona, St Augustine and Cave Hill participated in preparing a new MSc in Development Studies to replace the old Master’s programme, with its separate offerings in Economic Development Policy, Governance

and Public Policy and Social Policy. The restructured programme is both a response to the Quality Assurance Review of 2010, which argued that the Institute must concentrate on its unique strengths in research as well as to fill a perceived need for the training of high-level interdisciplinary personnel who will play leading roles in transforming the regional public and private sectors. It is expected that the programme will be approved for possible delivery in 2013-14.

Graduate Scholarships

Following a decision to convert available administrative posts into funding for graduate research students at the thesis-writing stage, SALISES Mona in 2011 welcomed its first fully funded graduate scholars. They are Jide Lewis, Pauline Gregory Lewis and Jodi-Ann Reece.

Faculty Research Fellowship

In another important initiative, SALISES Mona hosted its first fully funded Faculty Research Fellow, Marina Ramkissoon, from the Department of Sociology, Psychology and Social Work. This harks back to an older tradition, in which the Institute's forerunner ISER provided physical and intellectual space for Faculty of Social Science members to complete outstanding research and writing projects.

New Initiatives

Professors Percy Hintzen and Jean Rahier from Florida International University visited SALISES in 2011 to discuss the possibilities for a broad project involving inter-disciplinary collaboration around research, teaching and student and faculty exchanges. As a first initiative, FIU will bring four panels to the August Fifty-Fifty conference. In June 2012, Brian Meeks, Terri-Ann Gilbert Roberts and Patsy Lewis along with colleagues from the Department of Government Mona, participated in a workshop/discussion in Martinique with colleagues from the Université des Antilles et de la Guyane and Bordeaux University. The purpose was to find ways to improve the existing UWI/UAG/Bordeaux Masters scheme and to develop an agenda of collaborative research between the

participating institutions. Further discussions will take place at Mona in November 2012.

Staff Movements

Mrs. Rubyline McFadden, Secretary III, in the Publications Unit retired on June 1, 2012. However, she has been offered a one year post-retirement contract which will come to an end on June 1, 2013. She assisted Dr Patricia Northover with organizing the conference on Globalization, Climate Change and Rural Resilience.

Ms Nazma Muller was retained as a part-time copy editor and public relations writer. She works out of Trinidad and Tobago.

Ms. Marsha Dennis-Dixon is pursuing a part-time Bachelor's degree in International Relations here at the University.

Drs. Philip Osei and Aldrie Henry-Lee proceeded on a year's Sabbatical Leave in August 2012. Dr Henry Lee will be replaced by Dr Annicia Gayle-Geddes and Mrs. Mary Clarke, while Dr Roy McCree from the SALISES St Augustine Campus will replace Dr. Osei.

Professor Trevor Munroe continued as Visiting Professorial Research Fellow for 2011/2012, Chairing the Politics and Governance Fifty-Fifty Cluster and teaching in the course Contemporary Governance Issues (SALI6041). Mrs Maxine Henry Wilson continued as Visiting Fellow. She chaired the Fifty-Fifty Education cluster and assisted in graduate supervision.

STUDENT MATTERS

Graduating Class of 2010/2011

The academic year 2010-2011 ended with thirty (30) students being awarded the MSc degrees. The breakdown was as follows:

Table 1. MSc Graduating Class 2010/2011 by programme and gender

	Governance and Public Policy	Economic Development Policy	Social Policy	Total
No. of Students by programme	15 (M=5; F=10)	7 (M=2; F=5)	8 (M=0; F=8)	30 (M=5; F=15)
Full-Time	1 (M=0; F=1)	4 (M=1; F=3)	4 (M=0; F=4)	9 (M=1; F=8)
Part-Time	14 (M=5; F=9)	3 (M=1; F=2)	4 (M=0; F=4)	21 (M=6; F=15)

In summary

MSc Governance and Public Policy:	15
MSc Economic Development Policy:	7
MSc Social Policy:	8

PhD 2010-2011

One (1) student was awarded the PhD degree in Social Policy during the academic year.

- PhD – Social Policy – **Dwayne Vernon**

MSc Students (2011/2012)

Twelve (12) students accepted the offer and registered for the 2011/2012 academic year, with six (6) being part-time students and six (6) being full-time students. The breakdown was as follows:

Table 2. Registration for New MSc Students (August-September): 2011/2012 by programme and gender

	Governance and Public Policy	Economic Development Policy	Social Policy Development	Total
No. of Students by programme	5 (M=0; F=5)	4 (M=1; F=3)	3 (M=1; F=2)	12
Full-Time	3 (M=0; F=3)	2 (M=0; F=2)	1 (M=0; F=1)	6
Part-Time	2 (M=0; F=2)	2 (M=1; F=1)	2 (M=1; F=1)	6

Returning MSc Cohort 2011/2012

Table 3. Registration for Returning MSc Students 2011/2012 by programme and gender

	Governance and Public Policy	Economic Development Policy	Social Policy Development	Total
No. of Students by programme	15 (M=4; F=11)	4 (M=1; F=3)	11 (M=4; F=7)	30
Full-Time	1 (M=0; F=1)	0 (M=0; F=0)	0 (M=0; F=0)	1
Part-Time	14 (M=4; F=10)	4 (M=1; F=3)	11 (M=4; F=7)	29

A total of forty-three (43) returning MPhil/PhD students were registered for the academic year 2011/2012. The breakdown was as follows:

Table 4. Returning Cohorts – MPhil/PhD Registrations, 2011/2012 programme and gender

	Governance and Public Policy	Economic Development Policy	Social Policy Development	Total
No. of Students by programme	13 (M=5; F=8)	12 (M=9; F=3)	18 (M=2; F=16)	43
Full-Time	0 (M=0; F=0)	2 (M=1; F=1)	2 (M=0; F=2)	4
Part-Time	13 (M=5; F=8)	10 (M=8; F=2)	16 (M=2; F=14)	39

Research Paper (SALI 6060) for 2012

There are twenty-three (23) students currently writing the Research Paper. The breakdown is as follows:

- Governance and Public Policy: 13
- Economic Development Policy: 2
- Social Policy: 8

Table 5: Net Income from SALISES Degree Programme, 2011/2012

Net Income	J\$
MSc, MPhil, PhD	6,545,994.39 (July 2012)

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:

- Three displays related to the Fifty-Fifty Research Project mounted at the DC by staff:
 - Seminar on Grenada Revolution (1979 – 1983)
 - International Day for Rural Women 2011
 - Law and Justice in the Commonwealth Caribbean: The Post-Independence Experience
- SALISES participated in ‘Mona Research Days’ which was held from January 26-27, 2012. The DC staff with assistance from Ms. Annie Paul coordinated this activity and members of the academic and other SALISES staff helped with the manning of the booth. Posters were also produced regarding the Fifty-Fifty research cluster activities.
- The DC began collecting and archiving all memorabilia, including pictures, videos and clippings, of all Fifty-Fifty activities since its inception.
- A reorganisation 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. A shelf reading of the special collections began in the summer period and is expected to be completed in the new academic year.
- Mrs. Newman and Mrs. White continued to play an active role in the Library Association of Jamaica (LIAJA). Mrs. Newman also sits on the Administrative Reform Committee and the Client Care Committee of the Faculty of Social Sciences re the Strategic Plan, 2007-12.
- Two students from the Department of Library and Information Studies, Simone Tyrell and Mable Reid, completed their six weeks field work at the DC, during the period June to early August 2012.

Publications Section

Sales Report (Aug 1, 2011 – July 31, 2012)

	UK£	US\$	JAS\$
Social and Economic Studies (SES) Subs		8,439.00	5,000.00
SES royalties	93.15	8,397.17	
JAMCOPY royalties			159,027.56
Walk-in sales (SES)		74.46	39,760.00
Walk-in sales (Special Books)		36.00	100,690.00
Total	£93.15	US\$16,946.63	J\$304,477.56

SOCIAL AND ECONOMIC STUDIES (SES)

- Volume 60: 3&4, Sept/Dec 2011 Special Issue coming out of March 2011 SALISES conference “Challenges of the Independence Experience in Small Developing Countries.”
- Volume 61: 1, March 2012 General issue

Other Developments

January 28, 2012 Organized free screening of the film *Better Mus Come* at the SSLT followed by a Q&A with the director Storm Saulter and members of the cast. The screening was successful with standing room only and the Q&A lasted an hour. The film was part of the SALISES Fifty-Fifty series of activities.

Derek Gordon Data Bank

Data acquisition and documentation

Acquired (a) Reproductive Health survey 2008 (b) CPA for Dominica (c) Panel dataset for JSJC.

Software

Web page creation and maintenance.

- SALISES website
- Fifty-Fifty conference website
- SALISES blog
- Law and Justice Website
- Globalisation, Climate Change and Rural Resilience

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 MSc students.
- Provided technical assistance to staff members

PAPERS PRESENTED

Gilbert-Roberts, Terri-Ann

- “CARICOM Fifty-Fifty: Prospects for Ideological Shift from Personal to Popular Sovereignty”, 37th Annual Conference of the Caribbean Studies Association (CSA), Le Gosier, Guadeloupe, 29th May, 2012.

Lewis Patsy

- “Whither Caribbean integration? Recasting the foundations of a new integration project’. Thirty-Seventh Annual Conference of the Caribbean Studies Association, “Unpacking Citizenships: Rights, Participation and Belonging”, Curacao, May 28 – June 1, 2012.

- “The Economic Relations of LAC in the Decade of the Emerging Countries: Caribbean Economic Integration”, 2nd course of the Programme of High-Level Diplomatic Courses, Economic Commission for Latin America and The Caribbean, Santiago, Chile, Nov. 28 – Dec. 3, 2011.
- “Training Nurses for Export: A Viable Development Strategy?”, Meeting of Experts on Growth and Development, Radisson Hotel, St Julians, Malta, November 17-18. Commonwealth Secretariat and World Bank
- “Retrospective on a Revolution: The Grenada Revolution 1979-1983”, Symposium to mark the 28th anniversary of the collapse of the Grenada Revolution. Multifunctional Room, UWI, Mona, October 19, 2011.

Meeks, Brian

- “Jamaica on the Cusp of Fifty: Whither Nationalism and Sovereignty?” Keynote address at seminar “Medio Siglo de Descolonización e Independencia en el Caribe Anglófono”, Casa de las Americas, Havana, June 25-29, 2012.
- “Citizenship and Social Inclusion: a Perspective from Jamaica”. The closing Presidential Plenary, “Citizenship and Social Inclusion”, 37th Annual Conference Caribbean Studies Association, Guadeloupe, May 28 – June 1, 2012.
- “Jamaica on the Cusp of Fifty: Whither Nationalism and Sovereignty?” Keynote address at seminar “Fifty Years of Jamaican Independence: Developments and Impacts”, Institute for the Study of the Americas, University of London, February 10, 2012.
- “Rethinking Sovereignty in the Caribbean” on the panel “Caribbean Voices: Post-Colonial Themes”, 28th Miami Book Fair International, Miami Dade College, November 13-20, 2011.
- “Sovereignty without Democracy: Democracy without Sovereignty: Paradoxes of the Independence Experience of Small Caribbean States”. 23rd annual conference of the Haitian Studies Association, Kingston November 10-12, 2011.

Newman, Nadine

- “Establishing and Sustaining a Mentoring Programme in Academe: An Organisational Approach.” The Association of Caribbean Higher Education Administrators (ACHEA), 11th Annual Conference, “Regional Higher Education: Challenges and Opportunities”, Port-of-Spain, Trinidad, July 12-14, 2012.

Northover, Patricia

- (with) Crichlow M, “From Fanon to Wynter in the Journey Towards the Human-The Liminal, The Hauntological and the Elusive Dream of Man:(Un)thinking the political in the socio-genetics of place”, Caribbean Philosophical Association Annual Meeting, “Shifting the Geography of Reason: Capitalism and the Creole Discourse, Indo-, Afro-, and Euro-Caribbean”, UWI, Trinidad, July 19-21, 2012.
- (with) Rhiney, K, “Vision 50/50: Tackling Constraints and Promoting Pathways to Rural Resilience”, SALISES, SRAD 50/50 Conference: “Globalization, Climate Change and Rural Resilience: The Challenges of Sustainable Development in the Caribbean and Beyond”, Kingston, May 9-11, 2012.

Osei, Philip

- “The Nexus between Public Sector Reform and the efficient management of Social Policy: The Case of Labour Market Interventions in Jamaica and St Kitts and Nevis”, Experts Meeting on Growth and Development in Small States, Malta, November 17-18, 2011.
- “Process Review of the Steps to Work Pilot”, Workshop organised by the Ministry of Labour and Social Security and Stakeholders, Knutsford Court Hotel, Kingston. September 26, 2011.

Paul, Annie

- “Archives of Human Wisdom: Citing/Siting Oral Knowledge in the Era of the Digital.” International Seminar on “*Tagore, Césaire, Neruda: A View from the South*”. Indian Institute of Advanced Study, Shimla, India, October 4-6, 2011.

- “The Arts: Catalyst for Caribbean Development.” “Art-iculating the Caribbean Today”, The Edna Manley College/Rex Nettleford Inaugural Arts Conference October 12-14, 2011.
- “Borderline Marginal: Deploying Gender and Gender Bending in the Postcolonial Caribbean.” Second International Conference on the Caribbean: Cartographies of Gender (s). University Carlos III of Madrid, Spain, March 26-29, 2012.
- “Taking art back: select artistic offensives, tactics and strategies.” the Association of Social Anthropologists of the UK and Commonwealth Annual Conference, ASA 2012, at Jawaharlal Nehru University, New Delhi, India, April 3-6, 2012.
- “The performance of loss: Honor Ford-Smith’s Letters from the Dead.” 13th International Conference of the Association of Caribbean Women Writers and Scholars (ACWWS), Paramaribo, Suriname, May 8-12, 2012

Supersad, Arlene

- “Achieving Administrative Leadership Competencies in a Higher Education Institution in the Caribbean”, Association of Higher Education Administrators (ACHEA), 11th Annual Conference, “Regional Higher Education: Challenges and Opportunities”, Port-of-Spain, Trinidad, July 12-14, 2012.

Tindigarukayo, Jimmy

- “Uganda’s Political Opportunities and Misfortunes - 1962 to 2012”, Conference on “Uganda at 50: Tracing Uganda’s future in Uganda’s past, Sheraton Hotel, Toronto, Canada, July 3, 2012

White, Thelma

- Thomas, C, T. White and P. Nicholas, “Access to Vice-Admiralty and Colonial Records of the Trans-Atlantic Slave Trade and of African Slavery in Jamaica”, 77th International Federation of Library Association Conference, San Juan, Puerto Rico, August 13-19, 2011. <http://conference.ifla.org/ifla77>.
- “Assessing the Preservation and Conservation Approach by the Jamaica Archives Unit: Focus on the Vice Admiralty and Slave Records”, 10th Symposium of the Archaeological Society of

Jamaica, Multifunctional Room, UWI Mona, Kingston, April 11-12, 2012

Witter, Michael

- “Growth Inducement Strategy: Historical continuities and Future Departures”, SALISES-PIOJ-Department of Economics Seminar on PIOJ’s Growth Inducement Strategy, UWI, Mona, Kingston, September 29, 2011.
- “Social Impact of Climate Change”, Forestry in a Changing Global Environment Seminar, Jamaica Pegasus, Kingston, November 22, 2011.
- “Challenges of Copyright Collection in Jamaica”, WIPO Workshop, St. Lucia, October 3-4, 2011.
- “Mainstreaming Climate Change in Caribbean Development Strategies”, UCCI/UWI/ICCI Caribbean Conference: 50-50 – Surveying the Past, Mapping the Future, Grand Cayman, Cayman Islands, March 21-23, 2012.
- “Plantation Economy: relevance to the contemporary Caribbean”, seminar on Plantation Economy at the University of the Antilles and Guyane, Martinique, April 2012.
- “The Impact of Climate Change on Jamaican Agriculture”, Conference Globalization, Climate Change and Rural Development, Pegasus, May 9-11, 2012.
- “Report on the Questionnaires prepared by CSD for Countries: Input into Rio + 20”, Preparatory Workshop for Rio+20, organized by the Ministry of Water, Land, Environment and Climate Change and UNDP, May 15, 2012.

PUBLICATIONS

Refereed Journal Articles

Gilbert-Roberts, Terri-Ann

- * “Youth Violence: Reducing Risk and Enhancing Resilience”. Chapter 2 in *Caribbean Human Development Report 2012: Human Development and the Shift to Better Citizen Security*, 2012, pp.45-64

Meeks, Brian

- * “Cuba from Due South: an Anglo-Caribbean Perspective”, *Caribbean Quarterly*, vol.58 no.1, March 2012, pp.87-98.
- * “The Legacies of Independence in Jamaica: Towards a Half Century Assessment”, *Journal of the University College of the Cayman Islands*, Vol.5, August 2011, pp.26-36.
- * “The Dudus Events in Jamaica and the Future of Caribbean Politics”, *Social and Economic Studies*, vol. 60 nos. 3 and 4, September/December 2011, pp.183-202.

Paul, Annie

- * “Developing the Caribbean Scholarly Text: Journal Publishing at the University of the West Indies.” In *Quality and Impact of Ibero-American Scientific Journals*, Eds: Ana María Cetto and José Octavio Alonso. Mexico: Universidad Nacional Autónoma de México (UNAM), 2011, LATINDEX http://www.latindex.org/librociri/parte_02/02_08/02_08_00.html

Tindigarukayo, Jimmy

- * Saxon, T. F., Hull, D. M., Fearon, D. D., Williams, L. O., Tindigarukayo, J. “How do Jamaica’s Untouched Youth View their Career Prospects and Life Skills?” *Comparative Education Review*, Vol. 56, No. 3 (July 2012), pp. 421-447.
- * Tindigarukayo, Jimmy, “Impact Evaluation of the Bashy Bus HIV Prevention Mobile Clinic in Jamaica”, *American International Journal of Contemporary Research*, Vol. 2, No. 6, (June 2012), pp. 33-43.

Non-Refereed Articles/Book Chapters

Paul, Annie

- * “Once There were Humans,” *The Chimurenga Chronic* (Capetown, South Africa), Issue 16, Interview with writer Peter Abrahams, 19 October 2011

- * “Bleached Faces, White Masks”, *Caravan: A Journal of Politics and Culture* (India), January 1, 2012
- * Jamaica’s Usain Bolt: Is He Still the World’s Fastest Runner? July 16, 2012, Newsweek International

Technical Reports

Osei, Philip

- * Osei, Philip D. Benfield, W. and Tennant, David F. 2011. Process Evaluation of the Steps to Work Pilot Programme. In collaboration with the Ministry of Labour and Social Security. Kingston, Jamaica. 207pp. October

Witter, Michael

- * “Jamaica: Input to the Compilation Document to serve as a basis for the preparation of the Zero Draft of the Outcome Document for Rio+20”, prepared for the Ministry of Housing, Water and the Environment and the Meteorological Office, November 1, 2011.
- * Abdulkadri, A., M.Witter, L. Allen, M. Tracey, “Study on Consumption Patterns and Coping Strategies for PATH Households”, prepared for UWI Consulting, January 2012
- * “Jamaica’s Responses to Questionnaire for the Member States on Experiences, Success Factors, Risks and Challenges with Regard to Objective and Themes of UN Conference on Sustainable Development (UNCSD)”, prepared for the Ministry of Water, Land, Environment and Climate Change and the UNDP, April, 2012.
- * “Report on Jamaica’s Final Stakeholder Consultation in Preparation for Rio+20”, prepared for the Ministry of Water, Land, Environment and Climate Change and the UNDP, May, 2012

PUBLIC SERVICE

Fox, Kristin

- Member, Steering Committee, Jamaica Survey of Living Conditions
- Member, PATH steering committee
- Member, Early Childhood Commission – Research Committee

Gilbert-Roberts, Terri-Ann

- Member, CARICOM Technical Working Group (TWG) on Youth Development

Henry-Lee, Aldrie

- Chair, Caribbean Child Research Conference
- Member, Child Development Agency Board
- Member, American Sociological Association

Lewis, Patsy

- Member, UHWI's Hospital Board
- Member, UHWI Audit sub-committee
- Member, UHWI Nurses sub-committee
- Member, UWI Challenge Team, Regional and National Engagement Subgroup
- Member, American International School (AISK) Endowment Committee
- Member of the Caribbean Studies Association (CSA)

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, Caribbean Studies Association (CSA) and former Council member
- Member, Editorial Board, the University of the West Indies Press
- Member, Editorial Advisory Board, *Souls: A Critical Journal of Black Politics, Culture and Society*, (Columbia University),
- Member, Editorial Board of *Social and Economic Studies*, The University of the West Indies
- Member, Editorial Board of Lexington Books, Caribbean Series

Newman, Nadine

- Member, Library and Information Association of Jamaica (LIAJA)
- Member, Research and Publications Working Party, LIAJA
- Member, Socio-Economic Information Network (SECIN)
- Member, Association of Records Managers and Administrators (ARMA)
- Member, American Library Association (ALA)
- Member, Association of College and Research Libraries (ACRL)
- Member, Association of Caribbean Higher Education Administrators (ACHEA)

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/>

Osei, Philip

- Board Member, S-Corner Clinic and Community Development

Paul, Annie

- Executive Council member, Caribbean Studies Association (CSA)
- Board Member and Editorial Committee Member, MSB Review
- Member, National Gallery of Jamaica, Exhibitions committee
- Associate Editor, *Small Axe: A Caribbean Journal of Criticism*
- Board Member and Contributor, *Caribbean Review of Books*
- Board Member, JAMCOPY, the Jamaican Copyright Licensing Agency
- Peer Reviewer, University of the West Indies Press

Supersad, Arlene

- Member, Association of Caribbean Higher Education Administrators (ACHEA)
- Prospective tutor for JAMAL, Portmore, St Catherine
- Member, Braeton Citizen Community & Outreach Development Association
- Member, Finance and Administration Committee
- Committee Member, Annual Rally Events
- Member, Fund Raising Committee

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, Caribbean Community Climate Change Centre
- Member, Council of the Institute of Jamaica

INCOME GENERATION/AWARDS

Henry Lee, Aldrie

Grants for Caribbean Child Research Conference 2011:

UNICEF	J\$2,144,962.00
EFJ	J\$1,000,000.00

Lewis, Patsy

Commonwealth Grant for Reserch Project **£4,000.00**
 “Navigating Crises in a Small State:
 a Case Study of Grenada”

Northover, Patricia

Film and audio-visual project with Ministry **J\$23,835,529.00**
 of Augiculture, *Raising Cane: Recycling
 Sweetness and Sugar in Modern Jamaica.*

Grants for conference “Globalization, Climate Change and Rural
 Resilience: The Challenge of Sustainable Development in the
 Caribbean and Beyond”:

Jamaica Broilers	US\$1,163.00
Commonwealth Secretariat	US\$6,465.00
Caribbean Community Climate Change Centre	US\$8,621.00
EU-UNEP-GOJ Climate Change Adaptation & Disaster Risk Reduction Project	US\$3,035.00

US Agency for International Development	US\$4,944.27
C-Change Canada Caribbean	US\$3,000.00
Inter-American Institute for Cooperation on Agriculture	US\$ 500.00
Sugar Industry Authority	US\$1,000.00

Other Major Conference Grants

The Fifty-Fifty Law and Justice Conference:

CIDA	J\$225,717.60
Livingston, Alexander and Levy	J\$100,000.00

The Fifty-Fifty Conference:

Jamaica National (JN)	J\$500,000.00
Jamaica Money Market Brokers	J\$200,000.00

Publications	J\$304,477.56
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THE BIOTECHNOLOGY CENTRE

**Marcia Roye, BSc, PhD, UWI – Head of Department (Acting)
Associate Dean, FPAS**

WORK OF THE CENTRE

During the period under report, the Centre's work focused on agricultural research involving medicinal plants, forestry preservation and molecular virology of begomoviruses and virus associated with citrus, potato, curcubits and other crops. Research was also conducted investigating antiretroviral drug resistant of HIV and the glycemic indices of Jamaican foods, including studies on root and tuber crops. All the members of staff were involved in teaching various undergraduate courses in the Departments of Basic Medical Sciences and Life Sciences, as well as the training and supervision of postgraduates conducting research at the Biotechnology Centre.



Prof. Mohammed Ahmad, Prof. of Biotechnology and past Director of the Biotechnology Centre, retired September 30th, 2011. Effective February 2012, he was appointed as Professor Emeritus by the UWI Finance and General Purposes Committee.

During December 19-21, 2011, Dr. Marcia Roye, with the assistance of Dr. Cheryl Stewart and other postgraduates from the Centre, hosted the ninth annual workshop on “Concepts in Genetic Engineering” for Cape and A level biology high school students in Jamaica. More than one hundred students from numerous high schools in Jamaica were trained in recombinant DNA technology, biotechnology and related areas. The workshop included five (5) hours of lectures and seven (7) hours of laboratory sessions conducted by Dr. Roye and her research team.

The project “Enhancing productivity of medicinal plants during cultivation and processing using innovative machines”, now in its second

year, was developed to encourage more environmentally-friendly livelihoods by developing viable and sustainable cultivation and processing methods for medicinal plants. Pineapple, turmeric, blue and yellow ginger, and arrowroot, as well as traditional and tissue cultured material from pot experiment using soil and biochar were reaped in January 2012, and data taken. Biochar is a soil ameliorant which lessens nutrient leaching and improve water-balance in the soil to increase plant yields. The biochar equipment and dryer unit is now being used to produce larger quantities of the substance to be used for field experiments. Interest has been expressed from the Bureau of Standards Bamboo Project, and from the Jamaica Bauxite Institute for soil remediation to be done. The project, whose Principal Investigator is Dr. Sylvia Mitchell, is funded by the Environmental Foundation of Jamaica (EFJ).

Under the project “Identification, propagation and dissemination of native forest species of Jamaica”, a number of native indigenous trees, for examples Bitterwood (*Picrasma excelsa*), West Indian Mahogany (*Swietenia mahogany*), Yacca (*Podocarpus urbanii*), Juniper (*Juniperus lucayana*), Braziletto (*Peltophorum linnaei*), and others were collected and have now been established in the *in vivo* gene bank and are being initiated into culture. To date, the economically important forest biodiversity used by local people for medicine, fruit, fodder etc., is being identified using an ethno-botanical questionnaire. So far, this questionnaire has been given to approximately 250 people in Flagstaff (St. James), Bunker’s Hill and Deeside (Trelawny). Funded by the Forest Conservation Fund, the objective of the forestry project is to find and use macro-and micropropagation methods to conserve and multiply rare, indigenous and native trees of Jamaica. Dr. Sylvia Mitchell is the principal investigator.

The first Undergraduate Symposium was hosted on January 20, 2012. The objective of this workshop was to allow final year undergraduate students the opportunity to interact with recent graduates of the UWI to discuss local and international opportunities and challenges in the work environment, and in pursuing graduate studies. It is expected that these discussions will inspire, give direction, and help undergraduates to focus. Symposium speakers included graduates currently undertaking postgraduate work, and those working in various industries in Jamaica and abroad. The inaugural workshop was attended by 30 finalizing

undergraduates from the Biochemistry Section of the Department of Basic Medical Sciences. The Symposium was organised by Drs. Marcia Roye and Cheryl Stewart.

PAPERS PRESENTED

- **Bailey, D., H. Asemota,** T. Dasgupta, O. Sadik and Joseph Bryant (2011). “Investigations on the inhibitory effects of Jamaican purple yam (*dioscorea alata* ‘St. Vincent’ dark night) extract on the growth of cancer cells *in vitro*”. Ministry of Health 2nd National Health Research Day, October Jamaica Conference Centre, Kingston. October 27.
- Delgoda, R., D. Picking, and **S.A. Mitchell** (2012). “Investigating potential drug-herb interactions”. XIV TRAMIL Workshop, Cartagena des Indias, Colombia. February 15-20.
- **Hamilton, C. C., M. E. Roye,** P. Figueroa, L. M. Eyzaguirre, J. K. Carr, and J. Duncan. (2011). “Analysis of protease and reverse transcriptase genes of HIV for antiretroviral drug resistance in Jamaican adults”. CHART-CCAS-CDC 3rd Joint Meeting, Montego Bay, Jamaica. August 21-26.
- **Mitchell, S.A.** (2012). “Impacts of environmental pressure on Jamaica - Responses in terms of Bioresources and Technology”. Planet under Pressure Conference, London International Convention Centre, England. March 26-29.
- **Mitchell, S.A.** (2011). “Plants used in Jamaican folk medicine against the common cold, flu and diarrhea”. Proceedings of the International Conference and Exhibition on Virology, Baltimore, USA. September 5-7. *Journal of Antivirals and Antiretrovirals* 2011, 3:4 pg. 214.
- **Mitchell, S.A.** (2012). “Drug interaction with herbal medicine”. CARPIN, Montego Bay, Jamaica. March 1.
- **Mitchell, S.A.** (2012). “Use of microplants and associated biotechnologies to combat climate change in Jamaica, a Small Island Developing State (SIDS), by developing New Crops”. Proceedings of the Ninth Conference of the Faculty of Pure and Applied Sciences, Mona, Jamaica, April 13-15th, P28, pg 39.

- **Mitchell, S.A.** (2012). “A botanical reference of Jamaican root tonic plants to maintain health and strength”. XIV TRAMIL Workshop, Cartagena des Indias, Colombia. February 15-20.
- Picking D. and **S.A. Mitchell** (2012). “The prevalence of herbal medicine home use in treating illness in Jamaica” TRAMIL. XIV TRAMIL Workshop, Cartagena des Indias, Colombia. February 15-20.
- **Ramkissoon, A. I. I.** Amarakoon, L. M. Eyzaguirre, R. B. Pierre, J. K. Carr, and **M. E. Roye.** (2012). “Antiretroviral resistance in Jamaican HIV positive pediatric patients”. Northern Caribbean University Science Symposium, Mandeville, Jamaica. March 14.
- **Ramkissoon, A.,** I. Amarakoon, R. Pierre, L. Eyzaguirre, J. Carr, and **M. Roye.** (2011). “Analysis of Drug Resistance Mutations in Jamaican Pediatric Patients”. 2011 Caribbean HIV Conference, Nasau, Bahamas. November 18-21.
- **Ramkissoon, A.,** I. I. Amarakoon, R. Pierre, L. Eyzaguirre, J. Carr, and **M. Roye.** (2011) “Detection of Antiretroviral Resistance in HIV Positive Jamaican Pediatric Patients”. 10th TWAS Regional Office for Latin America and the Caribbean Young Scientist Conference, Tobago, Trinidad and Tobago. December 7-9.
- **Stewart, C.S.,** A.M. Collins-Fairclough, K.N. Smith, A.P. Graham, I.I. Amarakoon, and **M.E. Roye.** (2012). “The status of the begomovirus problem in Jamaica”. Northern Caribbean University Science Symposium, Mandeville, Jamaica. March 14.
- Williams, T.L., K.Coates-Beckford and **P. Tennant.** (2012). “Alternaria leaf spot on pumpkin in Jamaica”. Proceedings of the 9th conference of the Faculty of Pure and Applied Sciences. Mona, Kingston, April 13-15.

PUBLICATIONS

- * Bahado-Singh, P.S., C.K. Riley, **A.O. Wheatley,** and H.I.C. Lowe (2011). “Relationship between processing method and the glycemic indices of ten sweet potato (*Ipomoea batatas*) cultivars commonly consumed in Jamaica”. *Journal of Nutrition*

and Metabolism, Volume 2011, Article ID 584832.
<http://www.hindawi.com/journals/jnume/2011/584832>.

- * Benkebelia, N., **P. Tennant**, S.K. Jawandha, and P.S. Gill (2011). “Pre-harvest factors influencing fruit quality after harvest”. In: Yahia EM and Brecht JK (eds.). *Postharvest Biology and Technology of Tropical and Sub-Tropical Fruits*. Volume 1. Woodhead Publishing, Cambridge. pp 112-141.
- * **Mitchell, S.A.** (2011). “Folk medicine should be integrated into the formal, conventional medical system in the Caribbean”. Focus on *Alternative and Complementary Therapies*. Volume 16(4): 285-288.
- * **Mitchell, S.A.** (2011). “The Jamaican root tonics: a botanical reference”. *Focus on Alternative and Complementary Therapies*. Volume 16(4):271-280.
- * Olarte Castillo X.A., G. Fermin, J. Tabima, Y. Rojas, **P. Tennant P**, M. Fuchs, R. Sierra, A.J. Bernal, and S. Restrepo. (2011). “Phylogeography and molecular epidemiology of Papaya ringspot virus”. *Virus Research* 159: 132-140
- * Picking D., N. Younger, **S.A. Mitchell**, and R. Delgoda (2011). “The prevalence of herbal medicine home use and concomitant use with pharmaceutical medicines in Jamaica”. *Journal of Ethnopharmacology*. 137(1):305-311.
- * **Tennant, P.**, G. Fermin, **L. Fisher**, and M. Fuchs. (2011). “Virus diseases of fruit crops”. In: UNESCO-EOLSS Joint Committee (eds) Agricultural Sciences. *Encyclopedia of Life Support Systems (EOLSS)* Publishers, Oxford, UK. <http://www.eolss.net>
- * **Stewart, C.S.**, T. Kon, R.L. Gilbertson, and **M.E. Roye**. (2011). First report of the complete sequence of Sida golden yellow vein virus from Jamaica. *Archives of Virology* 156: 1481-1484.

- * McLaughlin, P.D., W.A. McLaughlin, D.P. Maxwell, I.I. Amarakoon and **M.E. Roye**. (2011). “Detection of begomoviruses in Caribbean crops and weeds in Antigua, Barbados, and St. Kitts & Nevis. *Tropical Agriculture* 88(4) pp. 211 - 224

INCOME GENERATION

The Third World Academy of Sciences Research Grant (TWAS) awarded a grant of US\$30,000.00 to the Biotechnology Centre in July 2012 . The fund, which is expected to be disbursed in September 2012, will support investigations on the molecular characterization of sweet potato begomoviruses in Jamaica. The application was submitted by **Prof. Paula Tennant** and **Dr. Marcia Roye**.

The annual workshop on “Concepts in Biotechnology and Genetic Engineering” held December 19-21, 2011, generated approximately Two Hundred and Fifty Thousand Dollars (\$250,000.00).

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, Hope Garden’s Education and Research Sub-Committee, and Landscaping Sub-Committee NPF
- Member, Society of In Vitro Biology (SIVB). Co-Editor of *In Vitro* Reports, and Education Chair

Dr. Andrew Wheatley

- Director, Jamaica Anti-Doping Commission (JADCO)

- Chair, JADCO Subcommittee on Science and Education and Chair, Education and Outreach Committee
- Director, Jamaica National Commission for UNESCO
- Chairman, St. Catherine Parish Council

STUDENTS

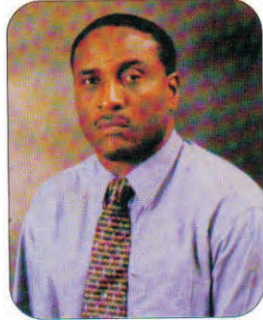
Effective March 7th, 2012, **Melessa Brown** was awarded the degree of Ph D in Biotechnology. Her research, supervised by Dr. Marcia Roye, was entitled “Biological Characterization of the Geminiviruses Associated with Cabbage Leaf Curl Disease and Elucidation of the Recombinant Events That Generated Cabbage Leaf Curl Jamaica Virus (CaLCuJV)”.

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 twenty one (21) months. The aim of the expansion of the physical plant is to develop the capacity to launch new programmes, to introduce new technology and to broaden our definition of Sexual and Reproductive Health. The new additions to our physical plant include two (2) “State of the Art” Endoscopic Operating Rooms, a “State of the Art” Assisted Conception Laboratory with facilities for most advanced research, an Interactive Lecture Room with facilities for introducing Telemedicine and two (2) Skills Laboratories for training of 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 across all four (4) of our UWI campuses. This will be facilitated by the development of both an undergraduate and postgraduate curricula and delivered in structured manner.

We welcome the employment of Dr. Kamali Carroll, who holds a PhD in Biological Science and will add significant value to our Assisted Conception Programme, particularly the special skills such as the freezing of human eggs.

Our new strategic plan will focus on realignment of our Unit with the UWI strategic policies but must also bring into sharp focus critical, passionate scholarship and related programmes that generate income to finance the modernization process.

We will also 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. Therefore our second skills lab which will promote “Wellness” will act as the “nerve center” or nexus between the social and clinical aspects of Sexual and Reproductive Health.

CLINICAL SERVICES

As was anticipated, since the start of the construction in the Unit in 2010 the number of surgical cases and assisted conception procedures has been reduced. These procedures are detailed in Tables 1 and 2 respectively. Significant increases are projected on completion of the construction.

Table 1: Surgeries and procedures performed in the Clinic

Procedures	No.
Oral Contraceptives	566
Depoprovera injection	1657
Jadelle implant	153
IUCD	109
Tubal Ligation	69
Vasectomy	7
Diagnostic Laparoscopy	40
Diagnostic Hysteroscopy	76
Cyst aspiration	11

Operative laparoscopy	164
Operative hysteroscopy	23
Egg Recoveries (IVF/ICSI)	80
Embryo Transfers	72
Pregnancies	15
Egg Sharers/Egg Donor Recoveries	21
Egg Shares Embryo Transfers	16
Egg Shearer Pregnancies	4
Recipient Cycles	22
Recipient Embryo Transfer	10
Recipient Pregnancies	2
Patients with Embryos Cryopreserved	37
Frozen Embryo Transfers	22
Semen Analysis Performed	186
Intrauterine Inseminations	19

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 thirty-four (33) students. The students are distributed across the following countries: Antigua, Barbados, Belize, Cayman, Dominica, Jamaica, St. Lucia, St. Vincent and Trinidad.

PUBLICATIONS

Journal Articles

- * Laparoscopic cervicoisthmic cerclage for the treatment of cervical incompetence: case reports. DaCosta V, Wynter S, Harriott J, Christie L, Frederick J, Frederick-Johnston S. *West Indian Med J*. 2011 Oct; 60(5):590-3.
- * Operative hysteroscopy in a Jamaican cohort. DaCosta V, Wynter S, Harriott J, Christie L, Berry E, Frederick-Johnston S, Frederick J. *West Indian Med J*. 2011 Dec; 60(6):641-6.
- * Antiphospholipid and other autoantibodies in a cohort of habitual aborters and healthy multiparous women in Jamaica. Roye-Green K, Frederick J, Wharfe G, Choo-Kang E, DaCosta V, Fletcher H, Smikle M. *Hum Antibodies*. 2011; 20(1-2):1-5.
- * Complete anal sphincter complex disruption from intercourse: A case report and literature review. Cawich SO, Samuels L, Bambury I, Cherian CJ, Christie L, Kulkarni S. *Int J Surg Case Rep*. 2012 Aug 13;3(11):565-568.
- * Jamaican mothers' influences of adolescent girls' beliefs and sexual behaviours. M. Katherine Hutchinson, Eulalia Kahwa, Norman Waldron, Cerese Hepburn Brown, Pansy I. Hamilton, Hermi H. Hewitt, Joyette Aiken, Julie Cederbaum, Emily Alter, Loretta Sweet Jemmott (2012). *Journal of Nursing Scholarship*; 44(1): 27-35.
- * Cross-cultural psychometric assessment of the parent-teen sexual risk communication (PTSRC-III) scale in Jamaica. Norman K. Waldron1, M. Katherine Hutchinson, Hermi H. Hewitt, Eulalia Kahwa, Pansy I. Hamilton. *Open Journal of Preventive Medicine* Vol.2, No.2, 205-213 (2012).
- * National Health Surveys and Health Policy: Impact of the Jamaica Health and Lifestyle Surveys and the Reproductive Health Surveys TS Ferguson, MK Tulloch-Reid, G

INCOME GENERATION

Table 3: Cost Recovery

Income	\$302,812,262.20
Expenditure	\$348,472,923.73*
Balance	-\$43,660,661.53

*The above expenditure includes the costing for the expansion of the Unit.

PUBLIC SERVICE

Frederick, Joseph, Professor

- Member, Caribbean Initiatives of Planning Committee of Planned Parenthood
- Member, Pacesetters Toast Masters Club

Hamilton, Pansy

- Board Member, The Mico University College
- Board Member, Caribbean HIV/AIDS Alliance
- Vice President, Jamaica Association of Health Service Executives
- Executive Member, YWCA Jamaica
- Member, Churches Emancipation Committee for the Annual Emancipation Lecture

Jackson, Elaine

- 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)

Meade, Joan

- Treasurer, Lions Club of St. Andrew Central

Williams, Lillith

- Member, The International Association for Counselling
- Member, Jamaica Down's Syndrome Association
- Member, Jamaica Association for Persons with Mental Retardation
- Regional leader, Region 5: Parents and Professionals in Partnership, Jamaican Association on Intellectual Disabilities (JAID)
- Coordinator, Parents and Friends of the Randolph Lopez Adult Centre for adults with intellectual disabilities.

McKenzie, Claudette

- Member, Jamaica Association of Health Service Executives

Veronica Forbes-Blake

- 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

The Institute continued to receive further recognition for its research project, “A Study of Two Invasive Citrus Pests of Jamaica, *Heraclides andraemon* and *Papilio demoleus*, and the Development of Control Measures against Them”. One of our students, **Ms. Charah Watson**, was chosen as one of the One Hundred Most Promising Young Chemists in the World on the occasion of the Declaration of 2011 as the International Year of Chemistry by the United Nations Educational, Scientific, Cultural Organization (UNESCO) and the International Union of Pure and Applied Chemistry (IUPAC) based on our pest control research. She presented on her research at the celebratory symposium held Aug. 14-18, in Sao Paulo, Brazil. She was also recognized for this award at the Annual Faculty of Pure and Applied Sciences Awards held in March 2012.



Our staff and students have been invited to present other special lectures at several national and international conferences including the Third World Academy of Sciences (TWAS) Symposium, Tobago, Dec. 2011, the University Diabetes Outreach Programme (UDOP), Montego Bay, March 2012, and at the TRAMIL network for applied research for traditional popular medicine in the Caribbean, Colombia, Feb. 2012.

Dr. Trevor Yee of the Institute and **Prof. Helen Jacobs**, Head of the Dept. of Chemistry, were granted another US Patent for their extraction processes of Bitterwood, *Picrasma excelsa* (Simaroubaceae), “Process to Extract Quassinoids”. This latest US Patent No. 8,217,187 B2 was issued July 10th, 2012. Another US Patent application with several improvements

to the original processes, was submitted on 1st Feb. 2012, and is patent pending.

The Institute, through funds from UWI and a grant awarded to Dr. Delgoda through the Forest Conservation Fund, has refurbished one of its laboratories for conducting anti-cancer screenings. This dedicated space is expected to screen local fauna and flora for potential compounds active against several types of cancers.

The Institute also hosted the visit of Dr. Mark Paine, Liverpool School of Tropical Medicine, U.K. who gave a public seminar and provided expert advice to the Ministry of Health.

Two of the Institute's students, **Mrs. Simone Badal-McCreath** and **Ms. Charah Watson** have completed the requirements for their PhD degrees, the first doctoral students for the Institute. Mrs. Simone Badal-McCreath was supervised by Dr. Rupika Delgoda for her PhD in Biochemistry. Her thesis is entitled, "Chemopreventive and anti-cancer potential of Jamaican natural and synthetic compounds". Ms. Charah Watson was supervised by Dr. Trevor Yee for her PhD in Chemistry. Her thesis is entitled, "Compositions and Properties of Selected Piperaceae and Rutaceae Essential Oils and Their Role in Control Measures against Two Invasive Citrus Pests". Several other students of Drs. Yee and Delgoda should be completing their PhD and MPhil degrees in the coming year.

New Research Collaboration

A new Collaboration Agreement is being negotiated between the Institute and Dept. of Life Sciences, on behalf of the University, and a major citrus company in the island to develop methods for combating the Citrus Greening Disease, which has infected citrus orchards across the island. It is planned that this agreement will be in place early in the coming academic year and research begun.

On Going Research

Research is continuing in several other areas. Dr. Trevor Yee, Dr. Lisa Lindo and Mrs. Denise Daley-Beckford of the Biochemistry Section of the

Dept. of Basic Medical Science and Prof. Paul Reese of the Dept. of Chemistry have been investigating novel blood sugar lowering (hypoglycaemic) and blood pressure lowering (hypotensive) constituents from a local plant and should complete this investigation for a submission for a new US Patent application in the coming academic year.

Research on potential drug-herb interactions, cancer prevention, anti-oxidant and anti-tubercular activities on Jamaican natural and synthetic compounds continue, supervised by Dr. Delgoda in collaboration with Departments of Chemistry, Biochemistry, Biotechnology and Physiology. On-going overseas collaborations on these projects include the Universities of Oxford, Manchester U.K. and Loma Linda and Clemson, U.S.A.

Of particular note is also the first contribution to the TRAMIL database, "Surveys on herbal medicinal consumptions in Jamaica". These surveys were conducted by MPhil/PhD student David Picking supervised by Dr. Delgoda, in a collaboration with Dr. Sylvia Mitchell (Biotechnology).

New Patent Granted

Trevor H. Yee and Helen M. Jacobs. "Process for extracting Quassinoids", U.S. Patent No. 8,217,187 B2, issued July 10th, 2012.

PAPERS PRESENTED

- **Delgoda, R.** "Potential Drug-herb interactions in Jamaica", University Diabetes Outreach programme (UDOP), 18th Annual International Conference, March-April 2012, Ocho Rios, Jamaica
- **Delgoda, R.** "Potential Drug-Herb interactions in Jamaica", University of Technology Jamaica, School of Pharmacy, Continuing Education Seminar, March 4, 2012, Nutraceuticals in Therapeutic Management; A Wholistic Approach.
- **Picking D. Delgoda, R** and Mitchell S. TRAMIL network 'Applied research for traditional popular medicine in the Caribbean' organized the 14th TRAMIL Workshop held

February 15-19, 2012, University of Cartagena, Cartagena de Indias, Colombia.

- ‘The Prevalence of Herbal Medicine Home Use in Treating Illness in Jamaica. This was Jamaica’s first submission to TRAMIL

PUBLICATIONS

- * **Badal S**, Gallimore W, Huang G, Tzeng TR and **Delgoda R**, “Cytotoxic and potent CYP1 inhibitors from the marine algae *Cymopolia barbata*”, Organic and Medicinal Chemistry Letters, 2012 Jun 11;2(1):21.
- * Nwokocha CR, Owu DU, Kinlocke K, **Murray J**, **Delgoda R**, et al, “Possible Mechanism of Action of the Hypotensive Effect of Peperomia pellucida and Interactions between Human Cytochrome P450 Enzymes” Med Aromat Plants 2012, 1:4; 105-9
- * **Francis S**, Morris D, **Shields M**, Jacobs H and **Delgoda R**, “In vitro assessment of chromones, alkaloids and other natural products from Caribbean plants as potential anti-tuberculars and chemopreventors” in “Natural Products: Structure, bioactivity and applications”, Goncalves, RE and Pinto, MC (Eds) , Nova publishers, New York, February, 2012.
- * Nwokocha, C, Owua D, McLaren **M**, **Murray J**, **Delgoda R**, Thaxter K, McCalla K, Young L, Possible mechanisms of action of the aqueous extract of Artocarpus altilis (breadfruit) leaves in producing hypotension in normotensive Sprague-Dawley rats, Pharmaceutical Biology, 2012 ; 50(9): 1096-1102
- * **Badal S**, **Sheilds M**, **Delgoda R**, “Cytochrome P450 enzyme inhibitors from nature”, in edited book “Enzyme Inhibition and Bioapplications”, Sharma RR (Ed.), 2012, p39-56.; <http://www.intechopen.com/books/enzyme-inhibition-and-bioapplications/cytochrome-p450-enzyme-inhibitors-from-nature>.

Special Invited lectures:

- * **C. Watson.** Methods of Controlling the Breeding Behaviour of Butterflies and Methods and Products for Reducing the Population Size of *Papilio demoleus* L. (Papilionidae) at the International Year of Chemistry Symposium, Sao Paulo, Brazil, August, 2011.
- * **C. Watson,** Methods of Controlling the Breeding Behaviour of Butterflies and Methods and Products for Reducing the Population Size of *Papilio demoleus* L. (Papilionidae) at the Third World academy of Sciences Symposium, Tobago, Dec. 2011.
- * **Francis S,** Dunbar O, McNeil M, Porter R and **Delgoda R.** Potential Medicinal Properties of Tropical Natural Products and their Derivatives. TWAS - ROLAC ; December 7-9, 2011 Tobago.
- * **Francis S,** Morris D, **Shields M,** Jacobs H, **Delgoda R.** Natural *products from Caribbean plants* as Potential Anti-tuberculars and Chemopreventors. *2nd International Scientific Conference*, June 5-7, 2012, UTECH, Jamaica.

PUBLIC SERVICE

Trevor H. Yee

- Treasurer, International Society for the Development of Natural Products (ISDNP).
- Executive Committee, Natural History Society of Jamaica (NHSJ).

Rupika Delgoda

- Co-Licencee and organizer, TEDxJamaica
- Executive committee member, Jamaica Sri-Lanka Friendship Association

TROPICAL MEDICINE RESEARCH INSTITUTE (TMRI)

Professor Susan Walker, BSc *Bristol*, MSc, PhD *Lond*
– Director

Overview

The Institute comprises 3 units on the Mona campus: Epidemiology Research Unit, Sickle Cell Unit and Tropical Metabolism Research Unit, and the Chronic Disease Research Centre at Cave Hill. The Mona units are the focus of this report, however we include information on publications, income generation and public service from the annual report of the Chronic Disease Research Centre. The full report for the centre is submitted through the Dean Faculty of Medical Sciences, to the Cave Hill Principal.



The TMRI contributes substantially to the strategic objectives of the UWI through: Research and Innovation, and Graduate Studies, the latter through Masters and Doctoral programmes in Nutrition and Epidemiology. The Institute also provides significant outreach to communities through clinical service primarily through the Sickle Cell Clinic and monthly clinics in Black River and Montego Bay, management of severely malnourished children on the TMRU ward, and specialist clinical nutrition services to the UHWI.

Academic Programmes

The Institute offers Masters and Doctoral programmes in Nutrition and in Epidemiology. The MSc programmes were not offered in 2011/12 but will be offered in the next academic year. We continue our training at the doctoral and post-doctoral levels through research fellowships within the

TMRI and in collaboration with the Faculty of Medical Sciences, Mona. The FMS fellowships allow two-year placement of FMS faculty in the TMRI for training in research with the goal of conducting and publishing a research project during the fellowship. The longer term goal is to build research capacity in the FMS as fellows return to their departments.

Research and Publications

We continue to review our 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 has increased 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. Identification of further areas of synergy among programmes remains an area for focus. Presentations and publications for the academic year are listed below.

Staff of the Institute have been successful in obtaining grant funds to support research from a variety of agencies. These are listed below under Income Generation. More needs to be achieved and will require more training and mentorship of staff to increase staff capacity in obtaining grant funds through training in writing grant proposals and expansion of collaborative arrangements. These initiatives are critical to the UWI strategic objectives related to income source diversification and funding partnerships and it may be useful to implement them in collaboration with other UWI initiatives in this area.

Public Service

Staff contribute to numerous professional organisations and provide technical advice to the Ministries of Health and Education, to regional

institutions and societies and to international agencies such as the Pan American Health Organisation. Details are listed under Public service below.

PAPERS PRESENTED

- Anderson M, Asnani M. “ “You just have to live with it”: Life with Sickle Cell Disease in Jamaica”. 2nd Caribbean Network of Researchers in Sickle Cell Disease and Thallasemias (CAREST) conference. Nov. 27-30, 2011 in Pointe-A-Pitre, Guadeloupe.
- **Asnani M**, Anderson M. “Stigma and Discrimination: Adding to the burden of living with Sickle Cell Disease”. Centers for Disease Control 2nd meeting of the WiSSH (Worldwide initiative on Social Studies on Hemoglobinopathies) group. Atlanta, Georgia, U.S.A. March 16, 2012.
- **Asnani M, Reid M**. “The Adult Renal programme in SCD in Jamaica”. 2nd Caribbean Network of Researchers in Sickle Cell Disease and Thallasemias (CAREST) conference. Nov. 27-30, 2011 in Pointe-A-Pitre, Guadeloupe.
- **Asnani M, Younger N, Bhatt K, Reid M**. “Social functioning and risky behaviours of Jamaican adolescents with Sickle Cell Disease”. Centers for Disease Control 2nd National conference on Blood Disorders in Public Health. Atlanta, Georgia, U.S.A. March 12- 14, 2012.
- **Asnani M**. “Ethical issues and the Patient-Physician Relationship”. Annual Regional Caribbean College of Family Physicians conference, Kingston, Jamaica. February 12, 2012.
- **Badaloo A, Forrester TE, Reid M, Jahoor, F**. “VLDL-apoB-100 synthesis rate in severely malnourished children is similar to when nutritionally repleted. Caribbean Health Research Council 57th Annual Scientific Meeting, Cayman, April 2012
- **Badaloo, A**. “Nutrition and the immune system.” Faculty of Medical Sciences 20th Annual Research Conference and Workshop. November 11, 2011, Jamaica.

- **Badaloo. A.** “Application of stable isotopes in measuring Body Composition.” Caribbean Health Research Council 57th Annual Scientific Meeting, Cayman, April 2012.
- **Baker-Henningham H** (2012) “Adapting an evidence-based intervention to prevent child conduct problems in Jamaican preschools: A cluster randomised controlled trial.” Department for Social Policy and Intervention, Oxford University, UK; 14 February 14, 2012.
- **Baker-Henningham H** (2012) “Researching the Incredible Years Teacher Classroom Management Programme in Jamaica.” Conference on ‘Supporting Parents, Teachers and Children: Research and Practice’; March 7, Cardiff, UK.
- **Baker-Henningham H, Scott S, Walker S** (2012) “Preventing child conduct problems and promoting social and emotional competence: a universal intervention in Jamaican preschools.” 3ie/UCL/IFS conference on ‘Promises for Preschoolers: Early Childhood Development and Human Capital Accumulation in Developing Countries’ June 25-26, 2012, London.
- **Bortolusso Ali S, MooSang M, King L, Knight-Madden J, Reid M.** ‘Stroke recurrence in children with sickle cell disease treated with hydroxyurea following first clinical stroke’. 2ème Conférence Caribéennesur la drépanocytose, Guadeloupe, Nov 2011.
- **Boyne MS, Thompson DS, Osmond C, Taylor-Bryan C, Soares-Wynter S, Forrester TE.** “The effect of antenatal factors and postnatal growth on serum adiponectin levels in children.” J Developmental Origins of Health and Disease, 2011; 2 (Suppl 1): S57. 7th World Congress on Developmental Origins of Health and Disease, Sept 18-21, 2011, Portland, Oregon.
- **Francis KK, Tulloch-Reid MK, Younger N, Francis DK, McFarlane SR, Wright-Pascoe R, Boyne MS, Wilks RJ, Ferguson TS.** “Relationship between self-monitoring of blood glucose and glycaemic control among patients attending a specialist diabetes clinic in Jamaica.” Poster. University Diabetes Outreach Programme 18th Annual International Conference, March 30, Ocho Rios, Jamaica. *WIMJ*, 2012; 61 (Suppl 2): 37.

- **Francis PM, Thompson DS, Boyne MS, Tennant IA, Osmond C, Forrester TE.** “Insulin sensitivity in Jamaican survivors of severe childhood malnutrition.” Poster. American Diabetes Association 72nd Scientific Sessions, June 11, 2012, Philadelphia, USA. *Diabetes* 2012; 61 (Suppl 1): A351.
- **Ferguson TS.** “Management of Cardiovascular Diseases: Assessment and Risk Factor Reduction.” Guiding and Supporting National Diabetes Quality Improvement Learning Session 3. October 28, 2011. Royal St. Lucian by Rex, St. Lucia
- **Ferguson TS.** “Management of Cardiovascular Diseases: Global Risk assessment and Clinic Treatment.” Guiding and Supporting National Diabetes Quality Improvement Learning Session 3. October 28, 2011. Royal St. Lucian by Rex, St. Lucia (Sponsored by the Pan American Health organization and Ministry of Health St. Lucia)
- **Ferguson TS.** Diabetic Foot Complications: Epidemiology and Treatment. Diabetes Educators of the Caribbean 7th Annual Clinical Conference. Sept 24-25, 2011. Kingston, Jamaica.
- **Gayle, KA, Tulloch-Reid MK, Younger N, Francis DK, McFarlane SR, Wright-Pascoe R, Boyne MS, Wilks RJ, Ferguson TS.** “Footcare and footwear practices among patients attending a specialist diabetes clinic in Jamaica.” Poster. University Diabetes Outreach Programme 18th Annual International Conference, March 30, Ocho Rios, Jamaica. *WIMJ*, 2012; 61 (Suppl 2): 36.
- **Green, C.O., Badaloo, A., Hsu, J.W., Reid, M, Taylor-Bryan, C., Forrester, T** and Jahoor, F. (2012). “Effects of Methionine supplementation on cysteine and glutathione production in malnourished infants”. *Experimental Biology* 2012, April 21-25; San Diego Convention Center, CA. FASEB 26
- **Hennis, A.J., Landis, R.C.** “Focus on Diabetic Foot”, Nation Newspaper, January 10, 2012.
- **King L., Ali S., Cunningham-Myrie C., Reid M .** “Under-5 Mortality in Jamaica Children with Sickle Cell Disease” Global Sickle Cell Disease Network Conference, March 14-15, 2012, Atlanta

- **Knight-Madden J.** ‘Sickle cell disease and asthma’. Annual Scientific Meeting, Workshop Faculty of Medical Sciences, UWI, Kingston Jamaica, October, 2011.
- **Knight-Madden JM,** Connes P, Bowers A, Nebor D, Hardy-Dessources MD, Romana M, Reid H, Pichon A, Barthélémy JC, Cumming VB, Elion J, Reid M. ‘Relationship between pulmonary disorders and the sympatho-vagal balance in adults with hemoglobin SS disease.’ Annual Scientific Meeting, Faculty of Medical Sciences, UWI, Kingston Jamaica, October, 2011.
- **Knight-Madden JM,** Connes P, Bowers A, Nebor D, Hardy-Dessources MD, Romana M, Reid H, Pichon A, Barthélémy JC, Cumming VB, Elion J, **Reid M,** CAREST study group. ‘Relationship of respiratory disease and lung function with the sympatho-vagal balance in adults with hemoglobin SS disease’. 2ème Conférence Caribéennesur la drépanocytose, Guadeloupe, Nov 2011
- **Knight-Madden JM.** ‘Sickle Cell Lung Disease’. American Thoracic Society Annual Conference. San Francisco. May 2012.
- **Knight-Madden JM.** ‘Recurrent wheeze- sickle cell disease or asthma’. 2ème Conférence Caribéennesur la drépanocytose, Guadeloupe, Nov 2011
- **Landis, R.C.** “HIV Treatment as Prevention: Analysis of 10 year viral load trends in Barbados”, 71st BAMP/UWI CME Program, Accra Beach Hotel, Barbados, May 19, 2012.
- Lutchmansingh FK, Bennett FI, **Badaloo AV,** McFarlane-Anderson N, Gordon-Strachan GM, Wright-Pascoe R, Jahoor F, Boyne MS. “Glutathione metabolism in persons with type 2 diabetes.” CHRC 57th Annual Council and Scientific Meeting, April 20, 2012, Grand Cayman. *WTMJ*, 2012; 61 (Suppl 2): 24.
- **Quimby, K. R.** “Phenotypic commitment of monocytes towards a protective phenotype (CD14posCD163high HLA-DRlow) under haemolytic conditions”. Invited Speaker, 26th International Clinical Cytometry Society Meeting in Portland, Oregon, October 17, 2011.

- **Quimby K.R, Flower C, Hambleton I, Landis RC, Hennis A.** “Comparison of the Systemic Lupus Erythematosus Activity Questionnaire and the Systemic Lupus Erythematosus Disease Activity Index in the Black Barbadian Population”. *WIMJ*, 2012; 61 (suppl 2): 45
- **Quimby K.R, Hambleton I, Hennis A, Flower C, Landis RC.** “Novel Inflammatory Factors and Disease Activity in SLE”. *WIMJ*, 2012; 61 (suppl 2): 46
- **Quimby KR, Flower C, Hambleton I, Landis RC, Hennis A.** “Comparison of the Systemic Lupus Erythematosus Activity Questionnaire and the Systemic Lupus Erythematosus Disease Activity Index in the Black Barbadian Population”. Poster. 57th annual CHRC/ARPHA scientific meeting in Grand Cayman, April 19-21, 2012
- **Quimby KR, Hambleton I, Hennis A, Flower C, Landis RC.** Novel Inflammatory Factors and Disease Activity in SLE. Poster. 57th annual CHRC/CARPHA scientific meeting in Grand Cayman, April 19-21, 2012
- **Soares-Wynter S, Barnett AT, Thompson DS, Boyne MS, Osmond C, Hanson MA, Gluckman PD, Forrester TE.** “Body composition in adult survivors of severe childhood malnutrition.” *J Developmental Origins of Health and Disease*, 2011; 2 (Suppl 1): S113. 7th World Congress on Developmental Origins of Health and Disease, Sept 18-21, 2011, Portland, Oregon.
- **Tennant IA, Barnett AT, Kips J, Thompson DS, Boyne MS, Chung EE, Chung AP, Osmond C, Hanson MA, Gluckman PD, Segers P, Cruickshank JK, Forrester TE.** “Cardiovascular function in adult survivors of severe childhood malnutrition.” *J Developmental Origins of Health and Disease*, 2011; 2 (Suppl 1): S31. 7th World Congress on Developmental Origins of Health and Disease, Sept 18-21, 2011, Portland, Oregon.
- **Thompson DS, Boyne MS, Osmond C, Byrne CD, Barnett AT, Hanson MA, Gluckman PD, Forrester TE.** “Comparing insulin sensitivity in adult survivors of malnutrition.” *J Developmental Origins of Health and Disease*, 2011; 2 (Suppl 1):

S113. 7th World Congress on Developmental Origins of Health and Disease, Sept 18-21, 2011, Portland, Oregon.

- **Thompson DS, Boyne MS, Osmond C, Ferguson TS, Tulloch-Reid MK, Wilks RJ, Barnett AT, Forrester TE.** “Fasting indices do not correlate with dynamic measures of insulin sensitivity in Afro-Caribbean adults.” Poster. American Diabetes Association 72nd Scientific Sessions, June 11, 2012, Philadelphia, USA. *Diabetes* 2012; 61 (Suppl 1): A420.
- **Walker S** (on behalf of the Global Child Development Group) “Making Early Childhood Interventions Effective.” Launch of the Lancet Series on Child development. The World Bank, Washington D.C, September 26, 2011
- **Walker S, Chang SM, Grantham-McGregor S, Osmond C, Lopez-Boo F.** “Do early childhood experiences affect development in the next generation? Preliminary findings from the Jamaica intergenerational study” Conference ‘Promises for Preschoolers: Early Childhood Development and Human Capital Accumulation’ London June 25-26, 2012
- **Younger Coleman N, Waugh A, Mullings J, Figueroa P, Tulloch-Reid M, Ferguson T, Walters C, Bennett F, Forrester T, Ward E, Ashley D, Wilks R.** “Delayed Entry and Variable Entry time: Do they matter (in the analysis of Survival Data)?” 22nd International Statistics Symposium, July 17-12, 2012, Bucaramanga, Colombia, South America.

PUBLICATIONS

Peer-Reviewed Journal Articles

WIMJ = West Indian Medical Journal

- * **Asnani M, McCaw-Binns A, Reid M.** “Excess Risk of Maternal Death from Sickle Cell Disease in Jamaica: 1998-2007”. *PLoS ONE* Oct 2011. 6(10).
- * **Badaloo A, Hsu JW, Taylor-Bryan C, Green C, Reid M, Forrester T, Jahoor F.** “Dietary cysteine is used more efficiently by children with severe acute malnutrition with

- edema compared with those without edema.” *Am J Clin Nutr.* 2012 Jan; 95(1):84-90.
- * **Badaloo AV, Forrester T, Reid M, Jahoor F.** “Nutritional repletion of children with severe acute malnutrition does not affect VLDL apolipoprotein B-100 synthesis rate.” *J Nutr.* 2012 May; 142(5): 931-5.
 - * **Badaloo, A., Hsu, J.W., Taylor-Bryan, C., Green, C., Reid, M., Forrester, T., and Jahoor, F.** (2012).“Dietary cysteine is used more efficiently by children with severe acute malnutrition with edema compared with those without edema”. *Am J Clin Nutr.* 2012; 95:84-90.
 - * **Baker-Henningham H** (2011) “Transporting evidence-based interventions across cultures: Using focus groups with teachers and parents to inform the implementation of the Incredible Years Teacher Training Programme in Jamaica.” *Child Care, Health and Development* 37(5): 649-661.
 - * **Baker-Henningham H, Scott S, Jones K, Walker S.** (2012) “Reducing child conduct problems and promoting social skills in a developing country: a cluster-randomised controlled trial.” *British Journal of Psychiatry* published, April 12, 2012.
 - * **Bortolusso Ali S, MooSang M, King L, Knight-Madden J, Reid M.** ‘Risk of stroke recurrence in children with sickle cell disease treated with Hydroxyurea following first clinical stroke’. *Am J Hematol.* 2011 Oct; 86(10): 846-50.
 - * **Cao D, Jiao X, Liu X, Hennis A, Leske MC, Nemesure B, Hejtmancik JF.** CDKN2B Polymorphism Is Associated with Primary Open-Angle Glaucoma (POAG) in the Afro-Caribbean Population of Barbados, West Indies. *PLoS One.* 2012; 7(6): e39278. Epub 2012 Jun 27.
 - * **Chiang CW, Gajdos ZK, Korn JM, Butler JL, Hackett R, Guiducci C, Nguyen TT, Wilks R, Forrester T, Henderson KD, Le Marchand L, Henderson BE, Haiman CA, Cooper RS, Lyon HN, Zhu X, McKenzie CA, Palmert MR, Hirschhorn**

- JN. "The efficacy of detecting variants with small effects on the Affymetrix 6.0 platform using pooled DNA". *Hum Genet.* 2011 Nov; 130(5):607-21. Epub 2011 Mar 22.
- * Cho G, **Hambleton IR**. Regular long-term red blood cell transfusions for managing chronic chest complications in sickle cell disease. *Cochrane Database Syst Rev.* 2011 Sep 7;(9).
 - * **Cumberbatch CG, Younger NO, Ferguson TS, McFarlane SR, Francis D, Wilks RJ, Tulloch-Reid MK**. Reported Hours of Sleep, Diabetes Prevalence and Glucose Control in Jamaican Adults: Analysis from the Jamaica Lifestyle Survey 2007/08. *International Journal of Endocrinology*, vol. 2011, Article ID 716214, 8 pages, 2011. Available at:<http://www.hindawi.com/journals/ije/aip/716214>
 - * Davis MF, Baron P, Price LB, Williams DL, Jeyaseelan S, **Hambleton IR**, Diette GB, Breyse PN, McCormack MC. Dry collection and culture methods for recovery of methicillin-susceptible and methicillin-resistant *Staphylococcus aureus* strains from indoor home environments. *Appl Environ Microbiol.* 2012 Apr; 78(7):2474-6. Epub 2012 Jan 27.
 - * Fakri RM, Al Ani AM, **Rose AM**, Alras MS, Daumas L, Baron E, Khaddaj S, Hérard P. "Reconstruction of non-union tibial fractures in war-wounded Iraqi civilians, 2006-2008: Better Late Than Never." *J Orthop Trauma* 2012 Jul; 26(7):e76-82.
 - * **Ferguson TS, Tulloch-Reid MK, Younger NOM, Wright-Pascoe, RA, Boyne MS, McFarlane SR, Francis DK, Wilks RJ**. "Cardiovascular disease among patients attending a specialist diabetes clinic in Jamaica." *Research Reports in Clinical Cardiology* 2011; 2:41-50.
 - * **Ferguson TS, Tulloch-Reid MK, Younger NO, McFarlane SR, Francis DK, Wilks RJ**. Prehypertension in Jamaica: A Review of Data from Recent Studies. *WIMJ*, 2011;4:422-426
 - * **Ferguson TS, Tulloch-Reid MK, Cunningham-Myrie CA, Davidson-Sadler T, Copeland S, Lewis-Fuller, Wilks RJ**.

Chronic disease in the Caribbean: Strategies to respond to the region's public health challenge: What can we learn from Jamaica's experience? *WTMJ*, 2011; 60; 4: 390-403

- * **Ferguson TS, Francis DK, Tulloch-Reid MK, Younger NOM, McFarlane SR, Wilks RJ.** An update on the burden of cardiovascular disease risk factors in Jamaica: Findings from the Jamaica Health and Lifestyle Survey 2007-2008. *WTMJ*, 2011; 60;4:415-421
- * **Ferguson TS.** Castor Bean Ingestion and Ricin Toxicity in a Case of Attempted Suicide. *WTMJ*, 2011; 60 (5):596
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- * **Ferguson TS.** Screening for Prostate Cancer: A Randomised Controlled Trial in Men of African Ancestry is Needed *WTMJ*, 2012; 61;1:112-113
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- * **Baker-Henningham H**, Grantham-McGregor S, **Walker S** (2011) “Early child development in developing countries: The role of nutrition and stimulation.” In Inclusive Early Childhood Development: an Underestimated component within poverty reduction. Essen, Institute for Inclusive Development, 2011, pg: 48-66.
- * Principal Contributors: Eva Lewis-Fuller; Sonia Copeland; Tamu Davidson; **Trevor Ferguson** Draft Strategic Plan for Non-Communicable Disease (NCD) Prevention and Control in Jamaica 2012-2017. Submitted to Ministry of Health (Jamaica) February 1, 2012

Books and Monographs

- * **Walker SP** “Promoting Equity through Early Child Development Interventions for Children from Birth through Three Years of Age.” In: No Small Matter. The impact of poverty, shocks and human capital investments in early childhood development. Alderman H (Ed.) Washington DC: The World Bank, 2011 pp 115-154.
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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: Sep 2008 – Sep 2012

Value: €60,000.00

Title: An assessment of protein requirement in adults with sickle cell disease

Funding Agency: Caribbean Health Research Council;

Co-Principal Investigator: **Asha Badaloo**

Period of Award: March 2009 - ongoing

Value: US\$5,775.00

Title: Glutathione homeostasis and oxidant damage in kwashiorkor: Role of sulphur amino acids in GSH deficiency in childhood malnutrition.

Funding Agency: NIH, Contract No: 5R01 DK056689

Investigator: **Asha Badaloo**

Principal Investigator: **Terrence Forrester**

Period of Award: 2008-2013

Value: US\$1,125,000

The association of cortisol awakening response with blood pressure and adiposity in Afro-Caribbean children. Caribbean Health Research Council grant US\$2,850.00

Principal Investigator: **Michael Boyne**

1R03TW008695-01A1 PI: Cooper 07/01/2011 – 06/30/2014 USD96 000 FIC/NIH

Title: Variation in Severity of Sickle Cell Disease among the Yoruba

The goal of this study is to establish a research collaboration between investigators at the University College Hospital (UCH), Ibadan, Nigeria, the University of the West Indies (UWI), Mona, Kingston, Jamaica, and Loyola Medical School (Chicago, IL) to build capacity for genetic and clinical studies of SCD at UCH, Ibadan

PI (Jamaica): **Colin McKenzie**

2R01HL053353-12A1 PI: Cooper 06/15/2009-04/30/2014 USD 1 000 000 NIH/NHLBI f

Title: Genetics of Hypertension in Blacks

The goal of this study is to conduct a genome-wide association study of hypertension in Nigerians of Yoruba ethnicity.

Consultant: **Colin McKenzie**

The Wellcome Trust, London, UK

Promoting young children's social and emotional competence and preventing conduct problems: Follow-up of a cluster randomised controlled trial

Duration: April 2011 – March 2014

Investigators: **H Baker-Henningham, S Walker**, S Scott

Value: UK £351,892

US\$10,000 received from Caribbean Health Research Council (CHRC) for study: "Utility of Cystatin-C estimating equations in determining glomerular filtration rate in sickle cell disease". September 2011.

PI: **Monika Parshad-Asnani**

2011-2013 The Inter-American Development Bank. Pilot of parenting interventions in the Caribbean

Investigators: **S Walker, S Chang, C Powell, H Baker-Henningham**, S. Grantham-McGregor, F Lopez-Boo

US\$750,000

2009-2012 The Inter-American Development Bank. Intergenerational impacts of early childhood experiences.

Investigators: **S Walker, S Chang, S. Grantham-McGregor**

J\$2,502,187 & US\$100,000

Hyperglycemia and Adverse Pregnancy Outcome Follow Up Study (HAPO – FU). PI – Boyd Metzger, MD; Barbados site PI: **Anselm Hennis**;

Investigators: P. Michele Lashley, Angela Jennings, Tanya Gibson. Funding agency: NIDDK, NIH; US\$17million

USA-Caribbean Alliance for Health Disparities Research: PI – Louis Sullivan, MD. Barbados site PI: **Anselm Hennis**; Investigators: Lynda Williams, MBBS, Chris Hassell, MPH, **Ian Hambleton, PhD**. Funding agency: NIMHD, NIH: US \$5 million.

Barbados National Registry of Chronic Non-communicable Disease: PI: **Angela Rose**; Investigators: **Anselm Hennis, Ian Hambleton**, Tanya Martelly, Lauren Maul, Jacqueline Campbell. Funding agency Ministry of Health; \$1.4 million

Barbados National Cancer Study – Prostate Cancer: PI: Barbara Nemesure, PhD, Co-PI: **Anselm Hennis**. Funding agency: NCI, NIH. US\$3.9 million

1000 Genomes Project: Barbados arm in collaboration with Johns Hopkins University. Investigators: **Anselm Hennis**, Harold Watson, **Colin McKenzie** (TMRU, Mona), Kathleen Barnes (JHU); US\$10,000

The Health of the Nation Study: PIs: Nigel Unwin and **Angela Rose**; Investigators: **Christina Howitt**, Funding agency: European Union and Ministry of Health: \$375, 000

Substudies:

Physical Activity substudy: PIs: **Christina Howitt** and Nigel Unwin; Funding agency: Ministry of Health: \$50,000

Barbados Salt Intake Study: Investigators: **Rachel Harris and Anselm Hennis; Suzanne Soares-Wynter**; Funding: European Union and Ministry of Health; Bds \$170,000.

Renal disease substudy: PIs: **Christina Howitt** and **Anselm Hennis**: Funding agency: Mr. Andrew Bynoe; \$30,000

Expression of the hemoglobin scavenging mechanism in sickle cell disease compared to glucose-6-phosphate deficiency. PI: **Kim Quimby**; Funding agency: Sir Arnott Cato Foundation; \$5,400

Survivorship in breast and prostate cancer: Investigators: Lynda Williams, **Natassia Rambarran**, Celia Greaves, **Anselm Hennis**. Funding agency: Ministry of Health; \$225,000

Clive Landis raised US\$68,000 from regional bodies, international foundations, diagnostic companies and local sponsors to host the 9th

CCAS Caribbean International HIV/AIDS Workshop in 2012. Mr. Edmund Cohen, UK, donated \$24,000 to support the ongoing work of the Edmund Cohen Vascular Research Lab.

Anselm Hennis secured a commitment from the Sagicor Insurance Company to sponsor a chair in Health Economics in the department, funded to the tune of \$850,000 over 3 years. Charitable donations were also made to the department by Insurance Corporation of Barbados, Banks Holdings Ltd., Barbados Shipping and Trading Ltd

Title: Efficacy of Combination Therapy – Hydroxyurea and Enalapril in Slowing the Progression of Sickle Nephropathy in Children

Funding Agency: Caribbean Health Research Council

Principal Investigator: **Lesley King**

Period of Award: March 2012 – ongoing

Value: US\$10,000

Title: Jamaica Amputation Prevention Project: A Clinical Audit and Intervention Study of Diabetic Foot Ulcers and Amputations.

Funding Source: UWI New Initiative Grant

Value: J\$1,500,000. Award duration: May 2012 – August 2014.

Investigators: G. Gordon-Strachan; S. Cawich, **T. Ferguson, M. Tulloch-Reid**, B. Edwards, P. Duke, **S McFarlane**, O. Bernard

PUBLIC SERVICE

Michael Boyne

- President, Caribbean Endocrine Society
- Reviewer, *Journal of Clinical Endocrinology Metabolism*

Trevor Ferguson

- Member, National Non-Communicable Disease Committee

Jennifer Knight Madden

- Journal Reviewer, The Cochrane CF and Genetic Disorders
- Member, Journal of Child Health

- Board Member, Caribbean Network of Researchers in Sickle Cell Disease and Thalassemia

Clive Landis

- Founder and President, Caribbean Cytometry & Analytical Society (CCAS)
- Honorary Director, LRU Laboratory

Angela Rose

- Lead member, Barbados National Death Certification Protocol Committee
- Member, Barbados Ministry of Health Notifiable Disease System Committee
- Member, Abstract Review Committee for the annual European Scientific Conference on Applied Infectious Disease Epidemiology

Colin McKenzie

- Director, NCB insurance Company Limited

Monika Parshad-Asnani

- Caribbean Representative, Worldwide Initiative on Social Studies in Hemoglobinopathies (WiSSH)
- Honorary Secretary, Caribbean College of Family Physicians
- Co-Chair, CME Committee. Caribbean College of Family Physicians
- Member, Accreditation & Certification Committee. Caribbean College of Family Physicians
- Member, Indian Cultural Society in Jamaica – Executive Committee

Kim Quimby

- Curriculum Coordinator, Caribbean Cytometry and Analytical Society
- Member, Organizing Committee and Editorial Board for the 71st BAMP/UWI CME

Susan Walker

- Board Member, Trustees Environmental Foundation of Jamaica Trust Fund
- Member, Advisory Committee on Health Research, Pan American Health Organization
- Steering Committee Member, Global Child Development Group
- Associate Editor, Public Health Nutrition

WESTERN JAMAICA CAMPUS

Montego Bay

Year ending July 31, 2012



Michael Williams – Campus Director

Overview

Introduction

The academic year 2011/2012 marked the fourth year of the Western Jamaica Campus' establishment at the former Chatwick Centre in Montego Bay. The WJC continued to make steady strides in improving the learning and working environment for the students and staff as well as to enhance the University's presence in the Montego Bay Community. The following sections briefly indicate the activities and achievements of the Western Jamaica Campus (WJC) over the period under review.

The 1st International Research Conference “Dying to Be Beautiful? Eating Behaviours, Body Image and Health in the Caribbean” January 11-15, 2012

The event was born out of collaboration between the Faculties of Medical Sciences and Social Sciences with the planning Committee spearheaded by academic staff at the WJC. The Conference was a unique one which brought together academics, practitioners and the general public to discuss the effect of environmental factors on body image. The Conference attracted over 150 participants including international participants from Belize, Trinidad and Tobago, West and South Africa and well as the United States. The project received sponsorship from the National Health Fund, the CHASE fund, pharmaceutical companies and other private donors.

The Conference was an unqualified success and the organisers are compiling the proceedings to be published online. The WJC hosted the conference with all the main conference sessions being held at the Campus. The model used for this Conference saw the academic staff in the Faculties of Medical Sciences and Social Sciences collaborating with all the other Departments on the WJC Campus to host a highly successful conference. The cross disciplinary nature of the WJC allows for an expansion of this model to future conferences which can draw on the expertise of the full time academic staff on the campus to offer similar conferences with themes that can be addressed from both a multi and an inter-disciplinary perspective. It is anticipated that the WJC will hold one major international conference in each academic year, expanding on the model used for the **“Dying to be Beautiful”** Conference.

Formation of the First Student Chapter of the Institute of Internal Auditors in Jamaica

The UWI, Mona – Western Jamaica Campus Student Chapter was organized in January 2012 through the initiative of President David Hall, Institute of Internal Auditors Jamaica Chapter (IIA) and the Campus Director for The University of the West Indies, Mona - Western Jamaica Campus, Mr. Michael Williams. The student chapter had its first meeting in March 2012. **This is the first student chapter formed in Jamaica.** The Jamaica Chapter of the Institute of Internal Auditors provides the Student Chapter with an opportunity to participate in IIA activities, such as, training, research and social activities. The IIA also provides the Student Chapter with access to training material, an internship programme and professional mentors.

Montego Bay Chamber of Commerce and Industry Education Award

The Campus was informed by the Montego Bay Chamber of Commerce and Industry (MBCCI) that The UWI, Mona - Western Jamaica Campus would receive its **Education Award** for the Campus sustained and visionary contribution to the City of Montego Bay, at the Chamber’s

Annual Banquet in November 2012 at the Hilton Rose Hall Resort and Spa in Montego Bay.

Graduating Class of 2012

Seventy Three (73) students from the WJC were expected to graduate in November 2012, ten (10) of whom would be graduating with first class honours and twenty-eight (28) with upper second class honours. The first batch of nursing graduates and the first batch of digital media production graduates would graduate in November 2012.

Annual Carol Service

The Annual Carol Service, Festival of the Nine Lessons with Carols was held in December 2011 at the Saint James Parish Church. The University Singers and The University Chorale gave a memorable performance.

Student Enrollment

The WJC student body was 820 students inclusive of students enrolled in the Mona School of Business programmes. (see Table 1 below).

Table 1. Registered students 2011/2012 Western Jamaica Campus

Faculty	Programme	Registered Students
Social Sciences	Economics	3
	Marketing	15
	Psychology	57
	Banking and Finance	61
	General Management (includes undeclared options)	14
	International Relations	1
	Management Studies (MIS)	58
	Hospitality and Tourism Management	3

	Management Studies (General)	175
	Tourism Management (Special)	2
	Management Studies (Accounts)	94
	Management Studies (Marketing)	35
TOTAL – Faculty of Social Sciences (Undergraduate)		518
Medeical Sciences	Nursing	76
	MBBS	47
Total – Medical Sciences (Undergraduate)		123
Humanities and Education	Media and Communication	59
	Digital Media Production	42
Total Humanities and Education (Undergraduate)		101
Social Sciences	MSc Accounting	20
Mona School of Business	MBA	58
Total (Graduate Programmes)		78
Total Registered Students		820

The Student Experience and Development

During the academic year 2011/2012 the campus, along with the OSSD and the Guild chapter organised several activities to ensure that the University’s goal of producing the ideal UWI Graduate could be achieved. Some of the key achievements were:

- Expansion of the First Year Experience Programme to include a larger pool of facilitators from among the staff of the WJC. Two

WJC students were selected to be a part of the Eastern Caribbean FYE tour.

- UWI, Mona -Western Jamaica Campus Circle K Club got the Club T-shirt Award for 2011-2012 at the Circle K District Convention.
- Increase in the number of sporting activities and extra-curricular events available to students with the addition of coaching staff for each sport. Sports offered at WJC include:
 - Aerobics
 - Badminton
 - Basketball
 - Chess
 - Lawn Tennis
 - Netball
 - Swimming
 - Volleyball
- Introduction of the UWI Speaks programme to students at the WJC
- Upgrading of the student lounge in the Academic Building and establishment of another lounge for Medical Science students in the MBBS block.
- Support of a number of student outreach projects including:
 - Fund raising activities by UWI CARE in aid of the St. James Hospice
 - The MBBS Class of 2015 did voluntary service at the Blossom Gardens Children's Home
 - The MIS Association and the Guild of Students were active in the Flanker Peace and Justice Centre donating care packages to the elderly of the community and hosting a fun day for the children

- A very successful Blood Drive was held with over 80 units being collected
- Breast Cancer Awareness Week was highlighted at the Campus through the work of the MBBS students and the Guild
- World Aids Day seminars
- Canterbury Homework Project
- Women's Centre in Montego Bay

Enhanced Teaching and Learning

Technological Enhancements

The Western Jamaica Campus continues to refine its innovative use of technology to ensure that the students of the Campus are able to benefit from the best available technology. In this regard the Faculty of Medical Sciences continues to lead the way in the use of the video streaming of lectures and laboratories from Mona to the students at WJC. This provides students with a level of interactivity with the lecturers at Mona while being able to benefit from locally run tutorials. Seminar Room 1 was upgraded by the addition of a Polycom unit and an LCD screen. The room is used primarily by the first year MBBS students and has increased the Campus facilities to a total of 3 rooms which are fully equipped to facilitate interactive streaming.

The issue of frequent power cuts affecting the streaming of lectures for the MBBS programme was also solved through the acquisition of a new UPS with up to two hours of power supply dedicated to the MBBS streaming room. This has ensured that there is no break of transmission in the lapse between the failure of the public electricity supply and the cut in of the generator

Student Service Learning Activities

Students were involved in activities and projects which required them to participate in providing solutions for local businesses as a part of their

course. The Systems Construction and Implementation course, which is the Capstone for the BSc (MIS) is the indicator used to identify the number of finalizing students. For the academic year 2011/12 3 groups of students from the course undertook projects for organizations in the Montego Bay area namely Sandals Resorts International and Ruddock's Hardware. Feedback from the clients was extremely positive particularly about the quality of the work produced by the students.

Similarly the PR students of CARIMAC presented their annual Expo with this year's theme **"It's my business: Engaging youth in Entrepreneurship"** on November 18 attended by over 200 students from secondary schools and other tertiary institutions in Western Jamaica. This allowed for students to be exposed to and to network with persons in the business community. Some of the speakers at the Expo included Ms. Imani Duncan (JMMB/YUTE), Mr. Tyrone Wilson (Ezines), Mr. Wayne Cummings (Sandals) and Mr. Davon Crump (Montego Bay Chamber of Commerce).

Two students were also selected for a Job Shadowing experience with KPMG which proved very successful. It is hoped that this programme can be expanded in the 2012/2013 academic year.

Internships

There was a marked effort to increase the number of student internships available to WJC students through partnering with the local business community. Several private sector companies in Montego Bay provided opportunities for our students to intern with them. These included:

- Sandals Resort International
- Vista Print
- Montego Bay Credit Union

Expansion of the opportunities and availability of internship spaces is a priority for the 2012/2013 academic year.

The WJC Branch Library

The WJC Library sought to continuously improve its collection and its service to the students at the Campus. Library hours were extended to accommodate the request for expanded availability of study areas for the students. In addition the WJC Library was the recipient of several donations including:

- A copy of the book *The Caribbean: From Pirates to Hoteliers* from outstanding hotelier Josef Forstmayr. This publication was done for the 50th Anniversary of the Caribbean Hotel and Tourism Association.
- Author Pauline Reid donated a copy of her book *‘Montego Bay-Jamaica: An Awe-Inspiring Photographic Journey.’*
- CARIMAC coordinator for WJC Mr Patrick Prendergast donated several volumes from his personal collection.

Contribution to Enhancing the reach and reputation of the UWI in Western Jamaica

Despite its relatively small size, the Western Jamaica Campus was able to put on several outreach activities including lectures, seminars, and an international conference. The details of these are as follows:

- CARIMAC held a highly successful **PAJ Journalism Week Forum** on *“Covering Elections and Political parties: Media and democratic societies”* on November 29, 2012 with the presence of outstanding media personalities such as Gary Allen of the Media Association of Jamaica.
- The annual **Carimac@WJC Public Lecture** was held on April 19, 2012 featuring international Jamaican author and communication specialist Dr. Grace Virtue on *“The Today Show, Usain Bolt, Slum Dog Millionaire: The Caribbean Media and the Crisis of Globalisation”*

- The WJC Library a mounted several exhibitions on plagiarism, electronic resources as well as an exhibition in honour of the “Dying to be Beautiful” conference.

PAPERS PRESENTED

Michael Williams

- “Quality Health Care and Medical Tourism,” Nurse Practitioners’ 59th National Seminar, July 2012, The Holiday Inn Sunspree Resort, Montego Bay.
- “Technology and Creative Genius,” The Digital Media Production Final Year Exhibition, April 2012, UWI Western Jamaica Campus.
- “Voluntarism,” Jamaica Red Cross Society, Western Jamaica Induction Ceremony, October 2011, Saint James High School.

Conclusion

The University of the West Indies, Mona Western Jamaica has begun to establish itself in the intellectual life of the Montego Bay and Western Jamaica communities. The activities of the academic year 2011/2012 sought to provide a robust and rewarding environment for students and staff at the Campus. In the coming academic year, it is anticipated that the new operational plan for the campus will seek to develop on the activity areas established in the last academic year and to significantly increase the marketing, outreach and recruitment programmes. In addition, it is of great importance that WJC works closely with the Departments and Faculties to develop a suite of new and unique programmes that will attract larger numbers of students to the Campus.