



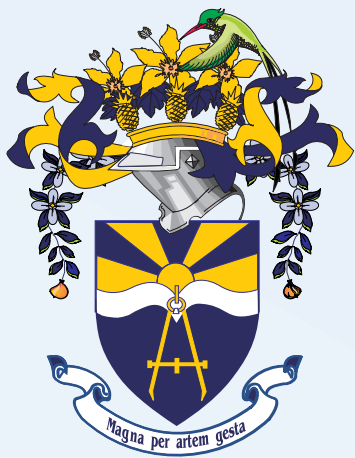
University of Technology, Jamaica



Forging the Way Ahead:  
Locally Trained, Globally Competent

ANNUAL REPORT 2014-2015





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# OUR VISION

## **In 2015, The University of Technology, Jamaica will:**

- Provide innovative and expanded access to learning
- Offer innovative, transformational, profession-driven and leading-edge programmes
- Have in place high-quality staff who are professionally competent, innovative and leaders in their own field
- Operate with high quality, relevant resources and facilities

### Resulting in:

- Recognition for its leadership in entrepreneurship, research, technology innovation and exceptional customer care
- The well-known and respected UTech Jamaica brand
- Globally competent, versatile, innovative and entrepreneurial graduates
- A positive impact on society

# OUR MISSION

To stimulate positive change in Caribbean society through the provision of high-quality learning and research opportunities and service to our communities



# UNIVERSITY OFFICERS



**The Most Hon. Edward Seaga, ON, PC**  
Chancellor



**Mr. Vivian Crawford, O.D.**  
Pro-Chancellor



**Ambassador the Hon. Burchell Whiteman, OJ**  
President (Acting)  
(wef) June 1, 2014



**Mr. Dennis Chung**  
Honorary Treasurer



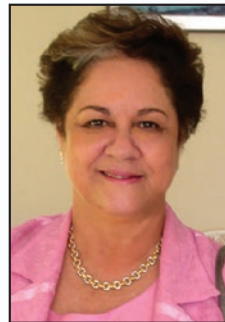
**Prof. Colin Gyles**  
Deputy President  
(wef) January 5, 2015



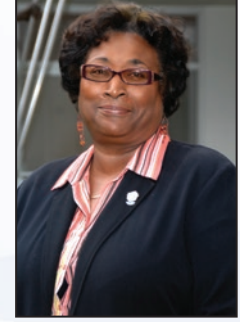
**Dr. Elaine Wallace**  
University Registrar



**Mr. David Drysdale**  
University Librarian



**Mrs. Pamela Kelly**  
University Orator



**Mrs. Jennifer Ellis**  
Vice President,  
Human Resource &  
Administration



**Prof. Rosalea Hamilton**  
Vice President,  
Development  
& Community Service



**Associate Prof. Kofi Nkrumah-Young**  
Vice President, Planning &  
Operations



**Prof. Gossett Oliver, O.D.**  
Vice President Graduate  
Studies, Research &  
Entrepreneurship



**Mr. Lorence Brown**  
Chief Business &  
Finance Officer



# MINISTER OF EDUCATION'S MESSAGE



*The Hon. Rev. Ronald Thwaites, MP, JP*

As you peruse the pages of this annual report we learn that UTech's student population has doubled in the years of the 21st century – from 6,650 in 2000/01 to 13,303 in 2013/14. These have been tough economic times. One conclusion to be drawn from those figures therefore is that financial difficulty is no impediment to ambition.

Institutions are as much victims of financial hard times as are individuals, and so we note with interest that the University of Technology, Jamaica, faced with its own constraints, has responded to growing demands from an ever-expanding client base with the necessary flexibility and resourcefulness. The University has developed new areas of academic study in disciplines where the UTech brand is pre-eminent (eg. Sport, Pharmacy, Engineering, Technical Education), expanded opportunities in some traditional professional areas, created collaborative arrangements with local and international partners, and

stepped up the pace of development for online teaching and learning. The explicit focus on entrepreneurship at both academic and administrative levels is intended to maximise existing resources.

The University is a social institution but it is also a business. As a social enterprise then, its mission must be to produce, not financial profit, but significant social value. With its current client base of over 13,000 ambitious Jamaicans, UTech has its work cut out for it. Judging from its record, I am confident that the University will continue to support and honour the ambitions of Jamaicans to achieve upward mobility by ensuring that the institution retains its standard of excellence and its competitive edge, and providing to thousands of striving Jamaicans good value for their hard-earned money.

As we coalesce around a common goal, we must recognize that there is no mission more important than that of providing quality education for our nation's students.

I wish for the University of Technology, Jamaica every success in the new financial year.



# CHANCELLOR'S MESSAGE



*The Most Hon Edward Seaga, ON, PC*

## **“A Good Education Is The Key To Many Doors”**

The role of education in the well-being of society is prominent in about every segment of our lives. Take the purchase of a house. This is a fundamental part of social life. Thousands

of poor people want to buy a house but are not able to do so because of their lack of education.

What does education have to do with acquisition of a house? Those who are poorly educated also have another common characteristic. They either have no job, or are too poorly educated to have a chance to be employed in a decent job. This makes it impossible to buy a house. They end up living in shacks, or what poor people call a “tattoo”, or a “ranch”. Without this impediment of lack of a reasonable education, one of the worse deprivations of mankind, shelter would hardly be a problem.

If this is a problem, what is the solution? Obviously, it is to provide people with decent education to earn a reasonable living enabling them to purchase decent housing.

I make the bold point that if you pursue studies that will lead to being educated, the reverse is also true. You will make yourself eligible for owning a house if you have an appropriate level of education. This then this should be a fundamental target of social well-being in the life of everyone.

Can this be accomplished? The national Housing Trust (NHT) recently publicly bemoaned the fact that it held billions of dollars in unused resources because it could not find enough purchasers who had suitable jobs which enabled housing to be purchased. Hence, education is the key to one of the greatest blessings which poor people can receive because it opens doors to a better life.

Value your education as a supreme opportunity for you to be able to put a key in the door of a house which you can own and build a family.





# ACTING PRESIDENT'S OVERVIEW



It has been a great privilege to join the short list of distinguished Jamaicans who have served as President of this outstanding institution. The University of Technology, Jamaica, occupies a special place in the consciousness of generations of our people, at home and abroad. Added

to the more than 12,000 now taking advantage of the university's current and varied offerings, are the over 50,000 CAST/UTech alumni scattered across the globe, making their mark and carrying the hope that those of us here at home will continue to safeguard the institution's great past and ensure an equally great future. I am confident that their hopes are well placed.

As the chief steward of the institution since June of this reporting period, I can of course confirm that there have been, and will continue to be significant challenges. Because of our status as a major public institution we have attracted a great deal of public attention and media interest, and that is as it should be in a robust democracy.

While we work assiduously to overcome challenges and resolve difficulties, I can report that we continue to put in the effort necessary to sustain the forward march as a world class institution of higher learning for the prosperity of Jamaica. When I came to UTech, among the first things that resonated with me was the University's strong Core Values: Respect, Accountability, Integrity, Service, Excellence, Innovation, Team spirit. I have insisted on using these Core Values as the framework and guiding principles of the forward march.

UTech, Jamaica continues to record improvement in our academic offerings; strides are being made in our research initiatives, and encouraging progress continues in the community service and development thrust, as well as in our cultural programmes, and notably also, in sports. These accomplishments, some of which are highlighted in these pages, have been achieved with relatively limited resources. Among these several local and international institutional collaborations to advance teaching, learning, research and service have been forged. Among them:-

New academic programmes, including the Bachelor of Science in Pharmaceuticals and the Post Graduate Diploma in Dietetics and Nutrition have come on stream to meet local and regional labour market needs.

The University presented the first Doctor of Philosophy (PhD) degree in Career and Technical Education and several first cohorts successfully completed their courses of study and were presented at the 2014 Graduation ceremony. These included the Bachelor of Science in Mathematics and Education, Bachelor of Science degrees in Sport Sciences, Occupational Health and Safety, Dental Laboratory Technology, Entrepreneurship and the Post Registered Nurse Completion course through franchise arrangements with the St Vincent and the Grenadines Community College (SVGCC).

In sports, our student athletes continue to shine at local meets and on the international stage continuing to dominate at the annual Penn Relays, for example.

Under the UTech, Jamaica/IDB/Government of Jamaica Enhancement Project, major upgrading of the physical plant continues and has been matched by the steady upgrading of Faculty qualifications and teaching resources, coupled with the unrelenting process of accreditation and reaccreditation of our courses of study.

In the area of service and outreach, the successful University-wide "UTech Cares" initiative, supported



## PRESIDENT'S OVERVIEW *CONT'D*

by USAID, with participation by our faculty, members of administrative staff and students, helped to raise awareness about human rights and respect for everyone regardless of their status and standing.

I want to emphasise these initiatives which support our core values because I am convinced that UTech's lasting success rests as much on readying our graduates to assist in building social capital as in building bridges or robots or computer software. Each

of my predecessors has endorsed the vision to produce 'complete' graduates - academically qualified, culturally confident, socially competent, global citizens, who are not just work ready, but capable of contributing to development anywhere in the world. I believe that the future looks bright.

***Ambassador the Hon. Burchell Whiteman, OJ***



# ACADEMIC AFFAIRS DIVISION



**Prof. Colin Gyles**  
*Deputy President*

The Academic Affairs Division, under the direction of the Deputy President, provides overall direction of academic support services for development and implementation of standards, policies,

procedures and regulations to govern the delivery of the University's academic programmes at both the undergraduate and post-graduate levels.

Of significance was the diversification and expansion of undergraduate courses of study in new disciplines including Pharmaceutical Technology, Animation Development and Production and Science and Education. The BSc in Pharmaceutical Technology was approved by the Academic Board in May 2014 and the BSc in Science and Education in August.

## **NEW PROGRAMMES, COURSES OF STUDY, POLICY GUIDELINES**

### **POLICY GUIDELINES**

The following courses of study were approved by the Academic Board: (FY 2014/2015)

#### **New**

- B.Sc. in Pharmaceutical Technology
- B.Sc. in Science & Education

#### **Revised**

- B.Sc. Degree in Dental Laboratory
- Revised Proposal for the Post Diploma (Online/ Blended) Bachelor of Pharmacy
- B.Sc. in computing with Majors in Information Technology and Computer Science
- Revised Course of Study Structure for the Dialysis Technician Certificate (Part-Time)

- Revised B.Sc. in Administrative Management
- Revised Bachelor of Engineering in Electrical & Computer Engineering (B.Eng. Electrical & Computer)

### **Franchise Programmes**

- Over 500 students are enrolled in five (5) franchise programmes at Community Colleges in Jamaica, St Vincent and the Grenadines, The Bahamas, and in online courses of study. Sixty-two (62) modules were taught in the Jamaican franchises during the time of reporting.

## **OFFICE OF CURRICULUM DEVELOPMENT & EVALUATION (OCDE)**



**Dr. Winsome Russell**  
*Associate Vice President*

The introduction of Academic Quality audits has greatly enhanced the University's quality assurance process. The Academic Quality Audits complement and amplify the accreditation process

and assist in strengthening the University's application for institutional accreditation. Academic Audits have been completed for all excepting two schools. Schools continue to use the audit reports to inform quality enhancement.

### **Co-operative Education**

Co-operative education integrates classroom learning with on-the-job work experiences related to students' courses of study and career goals. The University's Co-operative Education (Co-op Ed) programme has shown steady growth and acceptance by its key stakeholders. During the 2013-2014 academic year, over six hundred (600) students successfully completed the programme. The Unit is also presently focused on the expansion of the Co-op Ed programme



## ACADEMIC AFFAIRS *CONT'D*

to facilitate international Co-op Ed student exchanges with overseas universities.



*Dispensing laboratory in session at College of the Bahamas' main campus during an Academic Quality Audit visit.*



*Mrs. LaCresha Gordon-Bryson, Cooperative Education Coordinator, UTech addresses the audience at the Work Integrated Education (WIE) Practitioners' Forum" hosted by the Co-Operative Education Unit in collaboration with the Association of Caribbean Higher Education Administrators (ACHEA) on Friday, November 21, 2014 at UTech, Ja.'s Papine campus.*

The implementation of a strategic plan to include Co-operative Education /Work Integrated Education (WIE) within a national/regional framework has commenced. In November 2014, the Co-op Ed Unit, in collaboration with the Association of Caribbean Higher Education Administrators (ACHEA), hosted a WIE Practitioners' Forum at UTech, Jamaica the first of its kind. The Forum was held under the theme "Promoting

Work Integration Education in the Region: The Way Forward" and enjoyed the active participation of major industry players, representatives from the Ministry of Education and other tertiary education institutions, among others.

### **Prior Learning Assessment**

• Prior Learning Assessment (PLA) is a system developed to assess mature applicants (25 years and older) with a view to awarding academic credit for experiential learning. Applicants use this process to gain matriculation or advanced standing. In March 2015, a new PLA Coordinator was appointed to spearhead the activities of the Unit as it seeks to establish a steady source of PLA applicants through partnerships and effective promotional programmes, while maintaining the quality of applicants. An additional objective is to extend PLA to post-graduate courses of study.



### **OFFICE OF DISTANCE LEARNING (ODL)**

**Dr. Jeanette Bartley-Bryan**

*Associate Vice President*

### **Module Development and Delivery**

The ODL now has an inventory of 32 modules which have been fully converted to online modules. These include nineteen (19) modules for the Post Diploma in Pharmacy; eight (8) modules for the Post Graduate Diploma in Information and Communication Technology; five (5) general education and service modules – Information Technology, Introduction to Psychology, Research Methodology, Environmental Studies and Biostatistics. The main benefit is that any module can be offered individually on the open market in order to generate additional revenues for the University.



### Faculty and Student Support

Over sixty persons received support from the ODL during the period April 2014 – March 2015 by way of training, coaching and technical support relating to the design, development and production of resources and learning materials for online modules. To ensure that persons have a variety of options to facilitate ongoing orientation and training, self-paced tutorials have been made available to enable orientation to the UTechOnline Learning Management System and the FuzeMeeting web-conference application.

### LINKAGES

#### Jamaica Research and Education Network (JREN)

The University of Technology, Jamaica facilitated a regional videoconference on Campus Security jointly organized and hosted by the Jamaica Research and Education Network (JREN) and the Caribbean Knowledge Learning Network (CKLN). The twenty-five participants were drawn from five National Research and Education Network (NREN) sites, Bahamas, Barbados, Belize, Dominican Republic and Trinidad and Tobago.

Captain Robert Finzi-Smith, Director of UTech, Jamaica Safety and Security, moderated the sessions which included presentations on formulating and supervising security policies, strategies and plans, managing small campuses, student challenges on campus, strategies for women safety on campus, counteracting the “informer” culture and a demonstration of the Crimebot application developed by UTech alumnus.

#### Upgrading of Technology Systems

The UTechOnline Learning Management System was upgraded to Version 2.6 which affords greater course management and system performance. A plug-in allows incorporation of the University’s plagiarism software, *Turnitin*.



### THE CALVIN MCKAIN LIBRARY

**Mr. David Drysdale**  
*University Librarian*

The launch of the Library’s Virtual Reference Service “Ask A Librarian”, and the opening of an attractive learning commons area in the first floor reading room were two major enhancements to the facilities, in the effort to continuously improve service to the community.

The appointment of Mr David Drysdale, University Librarian, to the OCLC Global Council and also as a member of the Proquest Advisory Board for Latin America and the Caribbean served to enhance the library’s standing within the international library community. OCLC (Online Computer Library Center, Inc.) is “a nonprofit, worldwide, membership, computer library service and research organization dedicated to the public purposes of furthering access to the world’s information and reducing information costs”. Proquest



*Students using the new Learning Commons in the Calvin McKain Library.*

is a global information-content and technology company that provides solutions, applications, and products for libraries. Its resources and tools support



## ACADEMIC AFFAIRS *CONT'D*

research and learning, publishing and dissemination, and the acquisition, management and discovery of library collections.

### **Improved Library Environment**

The new Learning Commons area comfortably accommodates 22 users for individual and collaborative learning and is equipped to facilitate clients using their own electronic devices such as computers, tablets and smartphones.

### **Reference Services**

The Question Point Virtual Reference Service called ASK A LIBRARIAN was implemented in July 2014. The service allows clients to chat with a librarian in real time from a computer or hand held device, or email reference and research queries to a librarian. The service is available Monday to Friday 9:00 a.m. – 8:00 p.m. and Saturdays 1:00 p.m. – 6:00 p.m. The QuestionPoint virtual reference service was implemented in collaboration with the Library and Information Association of Jamaica (LIAJA) and the Socio-Economic Information Network (SECIN). The Calvin McKain Library is a member of both. The Question Point Virtual reference is hosted on the Planning Institute of Jamaica (PIOJ) platform.

### **Collection Development Division**

For the second year, the division collaborated with COLINET member institutions in subscribing to College Libraries Complete e-books collection from Proquest. This collaborative effort resulted in a reduction in subscription cost, as this resource was shared by almost 20 institutions in the network.

### **Select Database Usage**

The use of most electronic databases continued to trend upward appreciably, as fewer users utilise the library's print resources. EBSCOHOST continued to be by far the most popular database, with well over 3 million uses by the end of the year.

## **Library Information Systems and Outreach Services Division**

### **Information literacy**

The librarians continued to participate in the teaching of the literature searching component of both the Academic Writing and Research Methodology modules. During the review period 116 sessions were conducted.

A session on accessing e-resources was held during the review period for Site Coordinators of the University online Post Diploma Pharmacy programme. The territories represented were Barbuda, Belize Antigua, St Lucia, Anguilla and Jamaica.

### **Instructional Media Services Division (IMS)**

#### **Non-Print Resources**

The non-print material count which comprises VHS, CDs and DVDs in the categories of hospitality and tourism management, education, engineering, computing, nursing, business, psychology, building and construction, foreign languages, law, sports development, as well as art and architecture stood at approximately 1,895 at the end of the year.

The audio visual theatre continued to be a highly requested facility for material viewing and presentations, with approximately 141 recorded requests for the use of the room, which amounted to 405 hours and 45 minutes, a 15% increase in usage over the previous year. Approximately fifty-six (56) bookings for the studio were recorded for the reported period which consisted of 131 hours; a reduction of 36%.

#### **Graphics Production**

The Graphics Unit was requested to do the production of banners, certificates, programmes, invitations, flyers, text layouts for books and projects, major reports, international conference posters and other materials for University events/proceedings.

#### **Events Coverage**

IMS continued to provide coverage of numerous in-house and out of town media coverage in photography, videography and public address services



for approximately 113 events. The total revenue earned was \$1,100,900.

### **Special Awards**

The Calvin McKain Library was the recipient of two awards at the 44<sup>th</sup> Annual Conference of the Association of Caribbean University, Research and Institutional Libraries (ACURIL) Conference held in the Bahamas in June 2014. The awards were:

- The Systems Link International Award for “Innovative and Effective Information Services with the Application of Information Technologies”

- The Proquest Award for “Leadership in the Development of Research Solutions that Connect People and Information”

The Proquest award was for The University Librarian’s leadership as chair of the College Libraries Information Network (COLINET), which is based at the Calvin McKain Library.



# DIVISION OF STUDENT SERVICES AND REGISTRY



**Dr. Elaine Wallace**  
University Registrar

The Division of Student Services and Registry provides services in support of the student life cycle and corporate governance of the University.

### Graduation 2014

Over 2,000 graduands from the University's eight colleges, faculties and two campuses were eligible for graduation. The Annual Graduation Ceremonies were held on November 1st and 8th, 2014 at the National Arena and Montego Bay Convention Centre respectively. A total of 640 graduands attended the ceremony at the National Arena, while 93 attended in the west.

A significant number of programmes graduated the first cohort in academic year (2013/14), as follows:

#### **College of Business and Management**

- Bachelor of Science: Entrepreneurship

#### **College of Oral Health Sciences**

- Bachelor of Science: Occupational Health and Safety
- Bachelor of Science in Dental Laboratory Technology

#### **Faculty of Education and Liberal Studies**

- Bachelor of Education: Administrative Management and Technology
- Bachelor of Education: Mechanical Technology – Information Technology
- Doctor of Philosophy: Career and Technical Education

#### **Faculty of Engineering and Computing**

- Post-Graduate Diploma: Information and Communication Technology

#### **Faculty of Science and**



*Dr. Grace McLean, Chief Education Officer, Ministry of Education is awarded the Doctor of Philosophy in Career and Technical Education from the Most Hon. Edward Seaga, ON, PC, Chancellor. Looking on is Ambassador the Hon. Burchell Whiteman, Acting President.*

#### **Sport**

- Bachelor of Science: Mathematics and Education
- Bachelor of Science: Sport Sciences





## President's Honour Roll

The President's Honour Roll is compiled at the end of each Academic Year and recognizes final year students who have demonstrated outstanding academic performance. To be eligible, the student must attain a qualification of a grade "A" and above and a GPA of 3.75-4.00.

For the academic year 2013/2014, three students met the requirements for the President's Honour Roll.



Ambassador the Hon. Burchell Whiteman, Acting President presents the President's Pin to First Class Honours Graduates in recognition of their achievement of a Grade Point Average of 3.78. From left Sherdene Dacosta (left) who attained the Bachelor of Education degree in Computer Technology, Sanika Grant the Bachelor of Science degree in Mathematics and Education and Mr. Delano Mighty, Valedictorian who graduated with the Bachelor of Engineering in Chemical Engineering.

## Honorary Graduands



Honorary Degrees were conferred on The Most Hon. Errald Miller, the late Eric Frater, CD and Prof. Michael Nobel. Captain Frederick Frater (left), son of the late Eric Frater, OD, signs the Register of Honorary Graduates following his receipt of the Honorary Doctor of Laws on behalf of his father. Chancellor, the Most Hon. Edward Seaga, ON, PC looks on. At right, The Most Hon. Errald Miller signs the register following the Chancellor's conferral of the Honorary Doctor of Technology on him in recognition of his contribution to Jamaica in the areas of telecommunications and entrepreneurship during a special conferment ceremony held at UTech's Papine campus.



## DIVISION OF STUDENT SERVICES AND REGISTRAR CONT'D



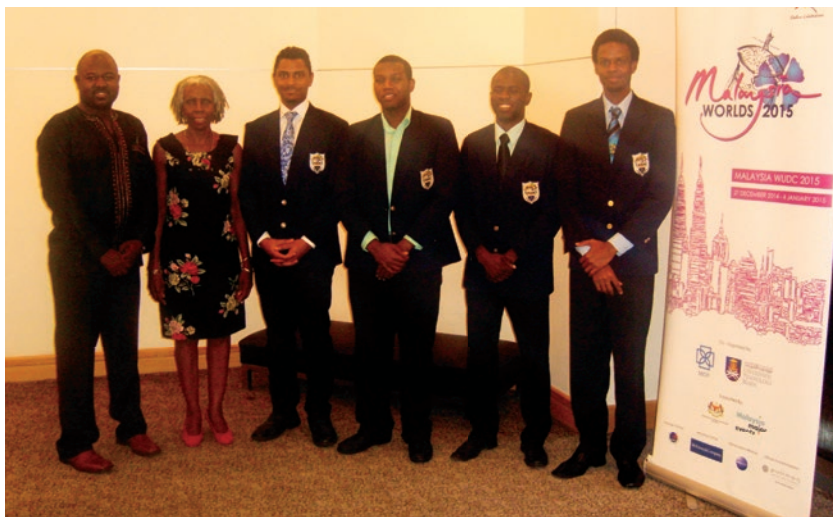
Most Hon. Edward Seaga, (right) Chancellor, confers the Honorary Doctor of Science on renowned researcher, Prof. Michael Nobel, at a special ceremony held on Thursday, October 2, 2014 at the Alfred Sangster auditorium, UTech Papine campus. Prof. Nobel who is a world renowned researcher in medicine, social sciences and advanced medical technologies, was awarded the Hon. DSc "in recognition of the international respect that his scholarship and service in science has attained, particularly in the field of medicine." His conferment was followed by a special lecture on "The Future of Medical Technology and the Role Jamaica Can Play."

### STUDENT ACHIEVEMENTS

#### World Universities Debating Championship (WUDC)

The University of Technology, Jamaica has moved up 21 places in the ranking of the World Universities Debating Championship (WUDC) earning a spot among the top thirteen percent of debating institutions in the world. The feat was achieved following the team's performance at the World University Debating Championship (WUDC), held from December 27, 2014,

to January 4, 2015 at the University of Technology, Mara, Malaysia at which the debating team also retained regional dominance in British Parliamentary debating at the university level. UTech, Ja. is now ranked 61 among 511 Universities worldwide ahead of universities such as University of the West Indies (96), New York University (114), University of Western Sydney, Australia (176), Tokyo Institute of Technology, Japan (218) and University of Kent, UK (239).



Pictured at the World University Debating Championship (WUDC), held from December 27, 2014, to January 4, 2015 in Mara, Malaysia. From left are Dr. Rohan Lewis, Dean, Faculty of Education and Liberal Studies and Co-Adviser, Dr. Elaine Wallace, University Registrar and students, Newton Harris, Lamar Webb, Omrie Samuels and Chad Zamore.

The teams were accompanied by University Registrar, Dr Elaine Wallace, who adjudicated in several rounds of the competition and Dr Rohan Lewis, Dean, Faculty of Education and Liberal Studies and co-advisor to the UTech Debating and Public Speaking Society (UDPSS). The teams were prepared by Advisors: Mrs. Mercedes Deane, Deputy Registrar, and Mrs. Garcia Green-McLennon, Director, Student Financing and team coach Mr Germaine Barrett, a six-time international debater for the University.



**Local Student Recruitment**

The annual UTech, Jamaica Open House, led by the Student Recruitment Unit was held Tuesday, September 30 in Kingston and Thursday, October 2 in Montego Bay under the theme “Discover Your Purpose”.

Over 1,500 students from 48 high schools participated in Kingston and approximately 200 from 11 schools participated in the west.

The Student Recruitment Unit coordinated with representatives from the College/Faculties to visit and make presentation at approximately 55 high schools and community colleges.

**International Recruitment**

Representatives from the University attended the International College Fair in Antigua and made a special visit to Montserrat.



High School students discuss UTech, Jamaica courses of study at the Open House session hosted by the University at the St. John’s Methodist Church, Montego Bay, St. James in September 2014.



Open house session with students from Montserrat High School and Montserrat Community College, Montserrat.

**New Student Orientation**

During the week of August 17- 23, 2014, over 1,000 new and transfer students attended the Annual Orientation Programme organized under the theme ‘Embracing UTech’s Core Values.’ The culminating activity for the week, the Academic Induction Ceremony was held on Friday, August 22, 2014 in the Alfred Sangster Auditorium.

**Student Leadership Conference**

The University hosted the 16th Annual Student Leadership Conference under the theme: “Student Leaders: Embracing UTech, Jamaica’s Core Values.” In addition to focus on leadership development, sessions were offered in areas of personal development, Team Building, Dining and Etiquette and Voice and Speech.



From left, the Most Hon. Edward Seaga, ON, PC, Chancellor, Mr. Vivian Crawford, OD, Pro-Chancellor, Ambassador the Hon. Burchell Whiteman, OJ , Acting President and Dr. Elaine Wallace, University Registrar along with Deans and other UTech, Ja. Faculty and Administrators extend a warm welcome and best wishes to new students for the 2014/15 Academic Year.



## DIVISION OF STUDENT SERVICES AND REGISTRY *CONT'D*



Participants in the 16th annual Student Leadership Conference held from May 13 – 15, 2014 at the Moorlands camp site in Manchester display their creativity with their banner depicting UTech, Jamaica's Core Values of Excellence, Service, Innovation, Integrity, Accountability, Respect and Team Spirit.

Seventy-seven (77) Students' Union and dorm representatives, as well as presidents and executive officers of the various clubs and societies at the University participated in the sessions held on May 12, 2014 and May 13 -15, 2014 at the University's Papine campus and Moorlands Camp site in Manchester.

### **Student Leadership Programme**

The Division of Student Services and Registry collaborated with the International Recruiting and Staffing Solutions (IRSS) to launch the UTech, Ja./IRSS Student Leadership Development Programme on January 22, 2015.

Over 100 attendees from various colleges/faculties were greeted by Ambassador, the Hon. Burchell Whiteman, the Hon. Andre Hylton, Member of Parliament for Eastern St Andrew and Mrs. Faval Williams, JLP Caretaker for Eastern St Andrew.

### **Special Needs Enhancement**

Enabling special needs students to achieve success is one of the special Student Services

initiatives. During this review period the Special Needs Unit hosted two Special Needs Enhancement Forums and an Open Day showcasing assistive devices under the theme, "Nothing about us without us".

The Open Day held at the Technology Innovation Centre (TIC) was a sensitization session for persons with and without disabilities. Four (4) groups presented various types of assistive devices used to aid various types of disabilities which include: blindness, speech impairment, physical disability and hearing impairment. Students displayed hand-made devices ranging from Braille and walkers for persons who were visually impaired; flute and speech application for speech impairments; wooden crutches, corner chairs and sleds for physical disabilities and alarms and sign language charts for hearing impairments. A number of special needs students presented inspirational testimonials.

The Disabilities Unit continues to provide support for new and returning students with disabilities. The Unit caters to a wide range of professionally diagnosed illnesses. During the period, the Unit registered over 30 students with special needs from the various college/faculties including receiving academic accommodations for 2014/2015 AY, of which five (5) are now alumnae and four (4) current final year students.

### **First Year Experience Initiative**

The First Year Experience Programme is designed to expose new students to a broad spectrum of life and culture beyond the walls of the University. The social exposure partners the academic orientation which they receive in the first week and is intended to broaden



Mrs. Dorsett Gabbidon-Pottinger, Assistant Registrar, Student Services addressing high school students, teachers and guidance counsellors in attendance at the launch of the UTech High School Mentoring Programme held on Thursday, January 15, 2015 at UTech, Ja.'s Papine campus.



their perspective as young adult Jamaicans. The First Year Experience initiative included visits to sites of national historic and cultural interest, among them, the “Cry Baby” Monument in downtown Kingston, the Institute of Jamaica, National Heroes Park, Port Royal, and Hope Botanical Gardens.

### **High School Mentoring Programme**

In partnership with the Environmental Health Foundation (EHF), UTech, Jamaica re-launched ‘the High School Mentoring Programme’ for academic year 2014/2015.

Prior to the relaunch in January 2015, twenty-eight (28) specially selected students were trained as mentors in the requisite skills. Students from Jamaica College, Papine High School and Mona High School were enlisted in the six-week programme.

### **Counselling Services**

The Counselling Unit held 1,144 sessions for the period April 2014 to March 2015, 106 more than in the previous year. During the period, in addition to personal counseling, the Unit was active in supporting a number of steps taken by the Administration to relieve the financial and other constraints facing students.

The Counselling Unit supported the University’s initiative of “Academic Pardon/Grade Forgiveness” which benefitted large numbers of students who were reinstated in their courses based on the bench-marked Grade Point Average.

### **Student Residential Accommodation**

The Amy Jacques Garvey Hall was re-opened on January 12, 2015. This renovated triple occupancy facility now has a capacity of 128 residents, a 66% increase over the previous capacity of 78 students. The



*Final year students being interviewed by prospective employers at the annual Job Fair held on Friday, March 27, 2015 at the Alfred Sangster auditorium, UTech Papine campus. Over eighty (80) companies were represented at the Job Fair.*

combined capacity of the Amy Jacques Garvey Hall and the Dennis Johnson Hall stands at 503, up from 315.

### **Career and Job Placement Fair**

The Career and Placement Unit’s Annual Career and Job Placement Fair was held on March 27, 2015 at the Papine campus and on April 10, 2015 at the Montego Bay campus. Over 400 finalizing students registered to attend the Career and Job Placement Fair, a 13% increase in attendance over the previous year.

Eighty-five (85) companies participated in the Fair, an increase from the previous year’s seventy-nine (79). The main sponsor was National Commercial Bank. Through the generous donations of the sponsors from Dress for Success and the Fit to Recruit Charity 45 female and 22 male students were outfitted in appropriate business attire.



# UNIVERSITY SECRETARIAT

The University Secretariat serves the University's main governing bodies, the Council and the Academic Board and their respective standing committees. During this review period matters relating to the appointment of a President and Deputy President were high on the agenda.

## **Appointment Processes for President and Deputy President**

A Succession Planning Committee was established on April 14, 2014 by the University Council with the responsibility to identify a nominee for the post of interim President for the University for the period April 2014 and February 28, 2015, when the contract of the then President of the University would expire. The Committee completed its work on April 28, 2014 and recommended the appointment of Ambassador the Hon. Burchell Whiteman OJ as Acting President for the period of June 1, 2014 to February 28, 2015. His appointment was approved by the Council on April 28, 2014. His contract was subsequently extended to July 31, 2015 by the Council at its meeting held on February 25, 2015 on the recommendation of the Joint Committee of the Council and Academic Board for the Appointment of President and Deputy President

The Joint Committee of the Council and Academic Board for the Appointment of President and Deputy President was established in June 2014. In keeping with the provision of the Ordinances, Committees for the Search and Selection for President and Deputy President were also established to execute these processes.

The work of the Search and Selection Committee for Deputy President was completed in November 2014. The Council on December 15, 2014 approved the recommendation for the appointment of Professor Colin Gyles as Deputy President.

The work of the Search and Selection Committee for the Appointment of President continues into the 2015/2016 period.

## **Septennial Review Committee**

In keeping with the provision of the University of

Technology, Jamaica Act 1999, which requires the establishment of a Septennial Review Committee every seven years, the Council at its meetings held on July 28, 2014 and September 29, 2014 approved the membership of the Committee. Professor John Wood, Secretary General of the Association of Commonwealth Universities has been appointed as chairman. The inaugural meeting of the Committee was held on the 3rd March 2015.

## **Review of UTech, Jamaica Act**

The establishment of the Committee for the Review of the University of Technology, Jamaica Act (No. 27) of 1999 was approved by Council at its meeting held November 17, 2014 subsequent to the approval of the Terms of Reference of the Committee by the Council on July 28, 2014. The Committee had its first meeting on January 28, 2015.

## **Special Audit Committee**

The Committee had been established in keeping with the recommendations of the Breaches Committee to consider breaches that were committed in the reappointment process for the President in 2012. The Committee met on three occasions in the last quarter of 2014/2015 and is to complete its work in 2015/2016.

## **Governance Instruments**

Several Governance instruments were reviewed or developed and subsequently approved by the Council on the recommendation of the Governance Committee to improve the corporate governance framework of the institution. Ordinances, administrative policies and procedures, proposals, and matters related to committee administration were the main areas of focus during the fiscal year.

## **Appointments to Standing Committees**

Mr Vivian Crawford, Pro-Chancellor, Ms Nicole Foga, Managing Partner of Foga and Daley and Dr Kofi Nkrumah-Young, Vice President, Planning and Operations, were reappointed as Pension Trustees. Ms Nicole Foga was also appointed as Chairperson. External persons were appointed as co-opted members to the Governance and Finance Committees in keeping



with the provision of the Terms of Reference.

### **Council Membership**

Changes in the leadership of the University and in Council membership as a result of casual vacancies were addressed in the period according to stipulated procedures.

### **Annual General Meeting of Council**

The Annual General Meeting of Council for 2014, scheduled to be held in October 2014 in keeping with the provisions of the Council Handbook, was rescheduled to April 20, 2015. The rescheduling was due to the late completion of the Audited Financials for the year ending March 31, 2014 by the external Auditors PricewaterhouseCoopers.

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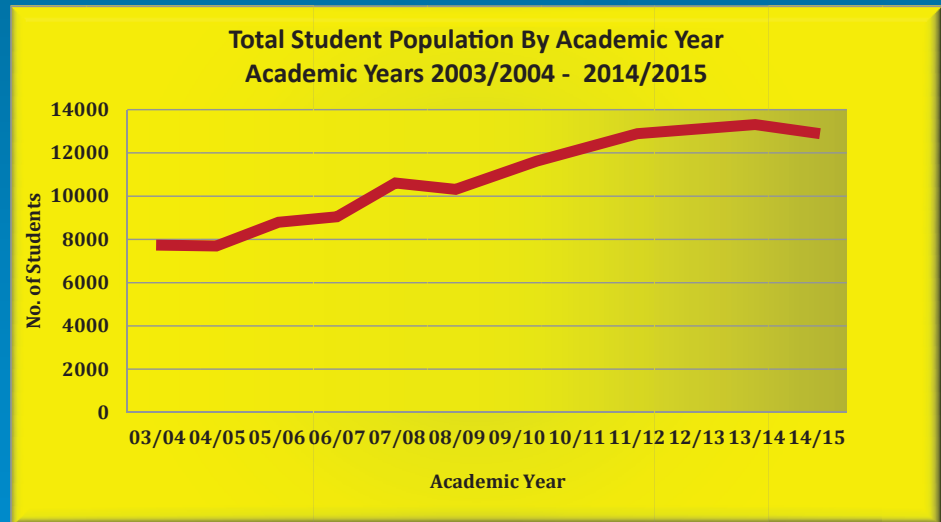


# STUDENT DEMOGRAPHICS

## ACADEMIC YEAR 2014/2015

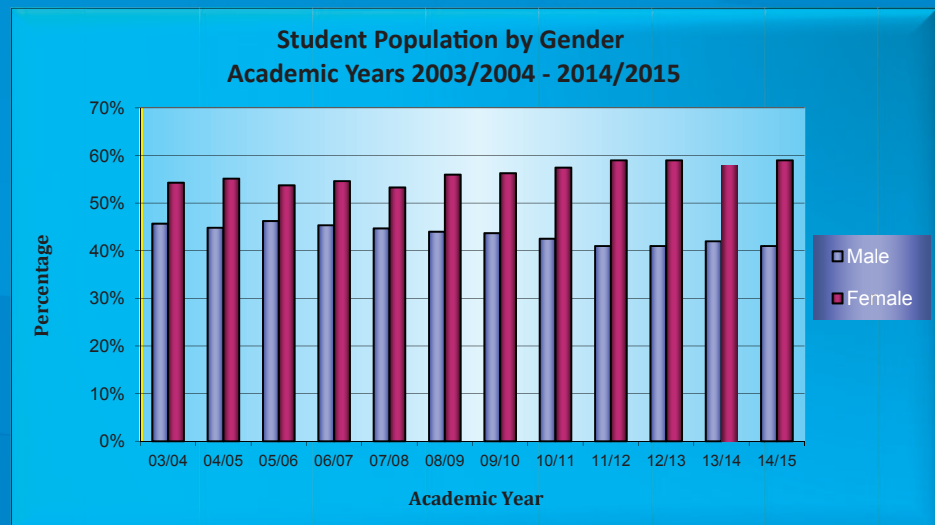
### Total Student Population by Academic Year

Student Population	
Year	Total
02/03	7187
03/04	7806
04/05	7919
05/06	8803
06/07	9088
07/08	10694
08/09	10401
09/10	11409
10/11	12162
11/12	12978
12/13	13131
13/14	13303



### Student Population by Gender Academic Years 2003/2004 - 2014/2015

Year	Male	Female
03/04	45.7%	54.3%
04/05	44.84%	55.16%
05/06	46.25%	53.75%
06/07	45.36%	54.64%
07/08	44.70%	53.30%
08/09	44.00%	56%
09/10	43.70%	56.30%
10/11	42.53%	57.47%
11/12	41%	59%
12/13	41%	59%
13/14	42%	58%
14/15	41%	59%





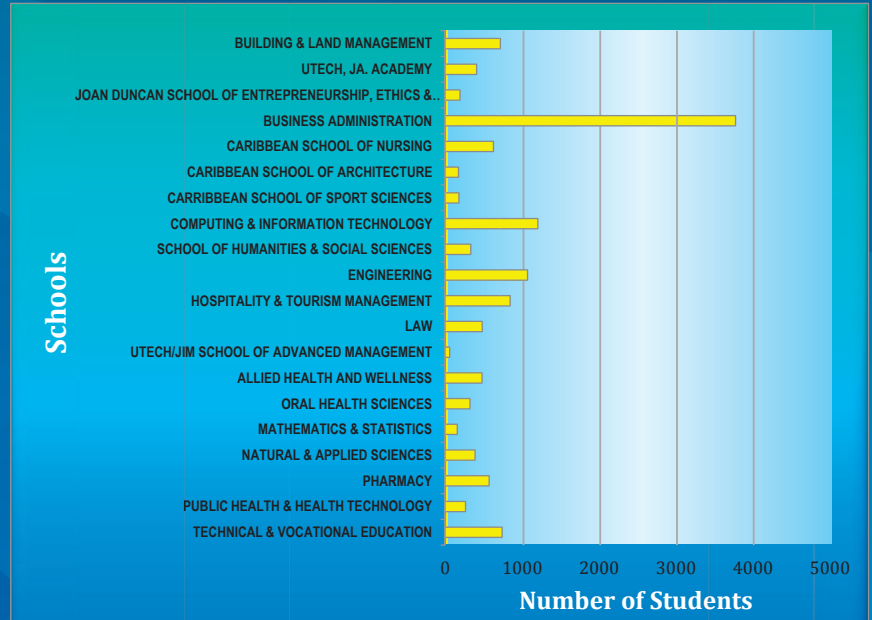


# STUDENT DEMOGRAPHICS

## ACADEMIC YEAR 2014/2015

### Total Student Population By School for Academic Year 2014/2015

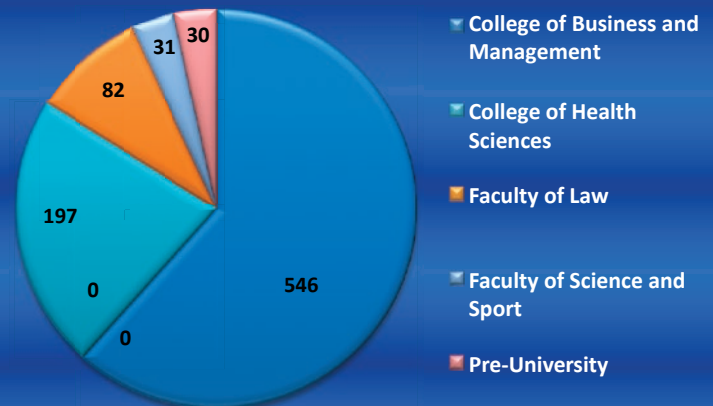
School	Number
TECHNICAL & VOCATIONAL EDUCATION	739
PUBLIC HEALTH & HEALTH TECHNOLOGY	263
PHARMACY	571
NATURAL & APPLIED SCIENCES	387
MATHEMATICS & STATISTICS	156
ORAL HEALTH SCIENCES	321
ALLIED HEALTH AND WELLNESS	478
UTECH/JIM SCHOOL OF ADVANCED MANAGEMENT	58
LAW	481
HOSPITALITY & TOURISM MANAGEMENT	844
ENGINEERING	1069
SCHOOL OF HUMANITIES & SOCIAL SCIENCES	332
COMPUTING & INFORMATION TECHNOLOGY	1203
CARRIBBEAN SCHOOL OF SPORT SCIENCES	178
CARIBBEAN SCHOOL OF ARCHITECTURE	172
CARIBBEAN SCHOOL OF NURSING	626
BUSINESS ADMINISTRATION	3773
JOAN DUNCAN SCHOOL OF ENTREPRENEURSHIP, ETHICS & LEADERSHIP	192
UTECH, JA. ACADEMY	407
BUILDING & LAND MANAGEMENT	716
<b>TOTAL</b>	<b>12966</b>



### Student Enrolment - Western Campus 2014/2015

College/Faculty	No. of Students
College of Business and Management	546
i. Associate Degrees (241)	
ii. Undergraduate Degrees (250)	
iii. Graduate Degrees (55)	
College of Health Sciences	197
Faculty of Law	82
Faculty of Science and Sport	31
Pre-University	30
<b>Total</b>	<b>886</b>

### Student Enrolment - Western Campus Academic Year 2014/2015



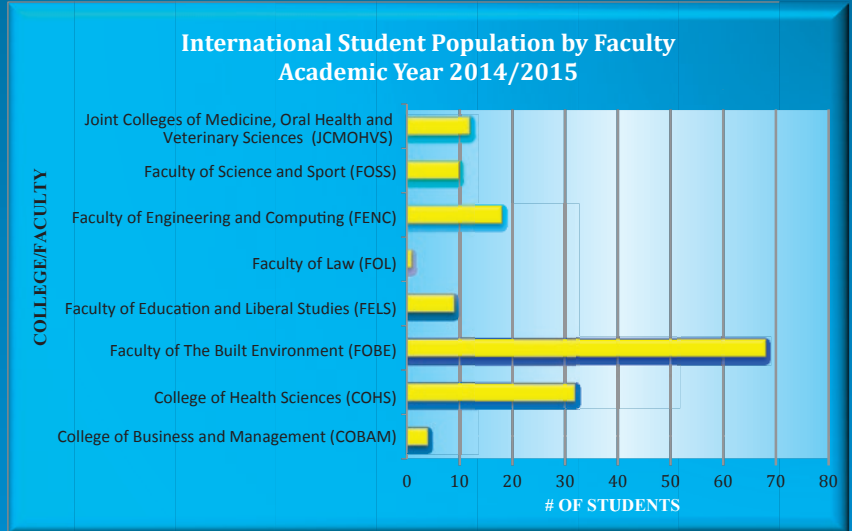


# STUDENT DEMOGRAPHICS

## ACADEMIC YEAR 2014/2015

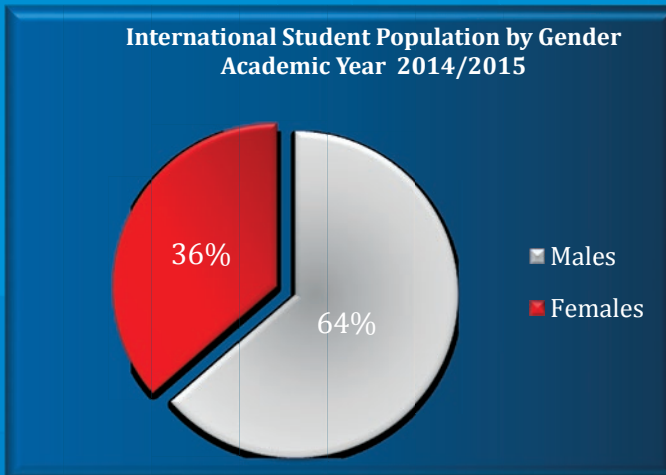
### International Student Population by Faculty - Academic Year 2014/2015

College/Faculty	Total
College of Business and Management (COBAM)	4
College of Health Sciences (COHS)	32
Faculty of The Built Environment (FOBE)	68
Faculty of Education and Liberal Studies (FELS)	9
Faculty of Law (FOL)	1
Faculty of Engineering and Computing (FENC)	18
Faculty of Science and Sport (FOSS)	10
Joint Colleges of Medicine, Oral Health and Veterinary Sciences (JCMOHVS)	12
<b>TOTAL</b>	<b>154</b>



### International Student Population by Gender - Academic Year 2014/2015

Males	98
Females	56
<b>TOTAL</b>	<b>154</b>



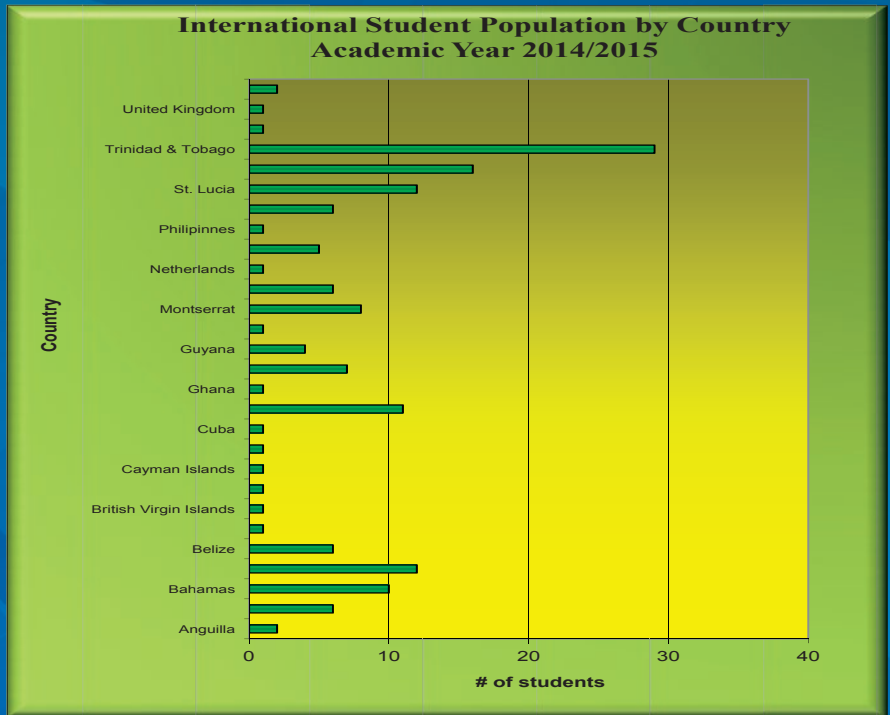


# STUDENT DEMOGRAPHICS

## ACADEMIC YEAR 2014/2015

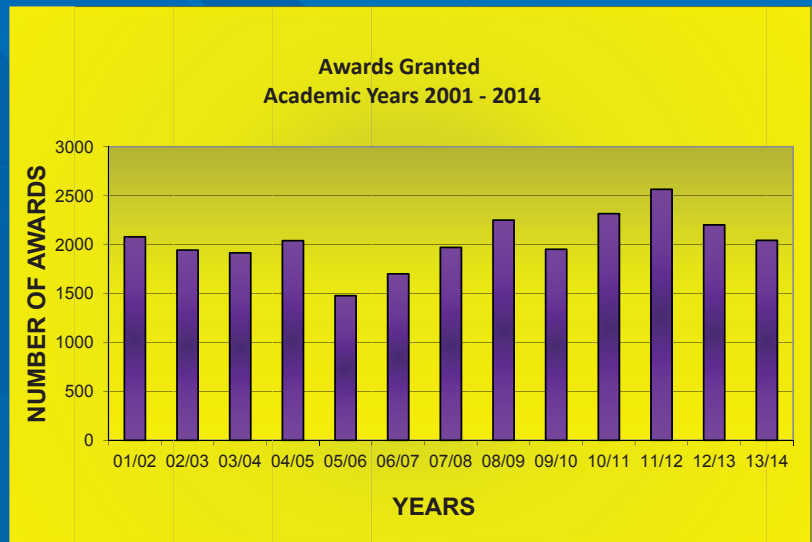
### International Student Population by Country Academic Year 2014/2015

Country	Total
Anguilla	2
Antigua	6
Bahamas	10
Barbados	12
Belize	6
Bermuda	1
British Virgin Islands	1
Canada	1
Cayman Islands	1
China	1
Cuba	1
Dominica	11
Ghana	1
Grenada	7
Guyana	4
Haiti	1
Montserrat	8
Namibia	6
Netherlands	1
Nigeria	5
Philippines	1
St. Kitts & Nevis	6
St. Lucia	12
St. Vincent & The Grenadines	16
Trinidad & Tobago	29
Turks & Caicos	1
United Kingdom	1
USA	2
<b>TOTAL</b>	<b>154</b>



### Awards Granted Academic Year 2001/2014

Awards Granted Academic Years 2001 - 2014	
Year	# of Awards
01/02	2080
02/03	1945
03/04	1917
04/05	2041
05/06	1479
06/07	1702
07/08	1972
08/09	2251
09/10	1953
10/11	2317
11/12	2566
12/13	2202
13/14	2044
<b>TOTAL AWARDS 2001 - 2014</b>	<b>26,469</b>



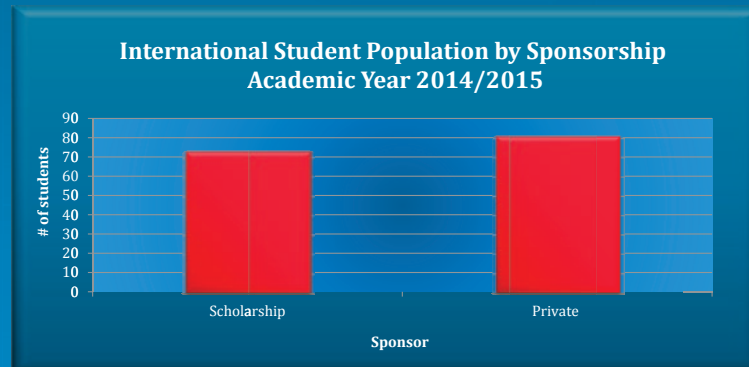


# STUDENT DEMOGRAPHICS

## ACADEMIC YEAR 2014/2015

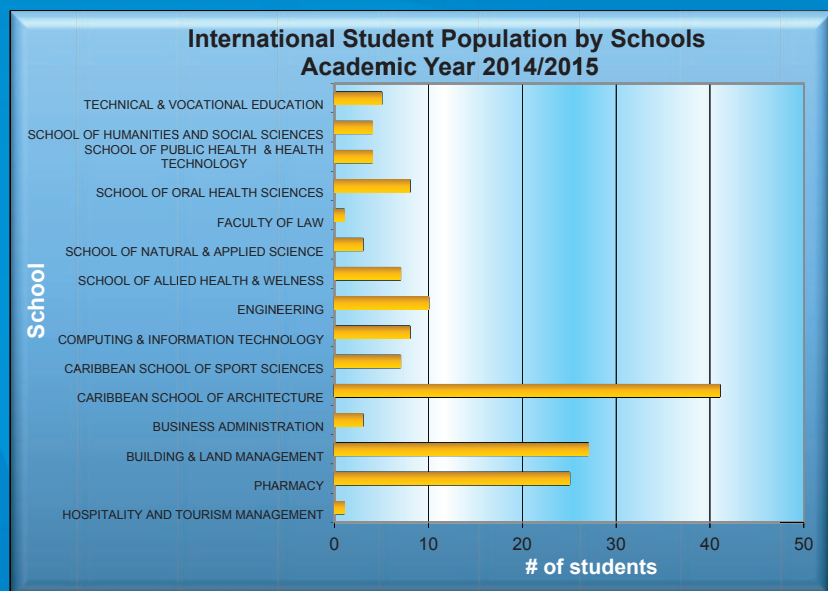
### International Student Population by Sponsorship - Academic Year 2014/2015

Scholarship	73
Private	81
<b>TOTAL</b>	<b>154</b>



### International Student Population by Schools - Academic Year 2014/2015

School	Total
HOSPITALITY AND TOURISM MANAGEMENT	1
PHARMACY	25
BUILDING & LAND MANAGEMENT	27
BUSINESS ADMINISTRATION	3
CARIBBEAN SCHOOL OF ARCHITECTURE	41
CARIBBEAN SCHOOL OF SPORT SCIENCES	7
COMPUTING & INFORMATION TECHNOLOGY	8
ENGINEERING	10
SCHOOL OF ALLIED HEALTH & WELLNESS	7
SCHOOL OF NATURAL & APPLIED SCIENCE	3
FACULTY OF LAW	1
SCHOOL OF ORAL HEALTH SCIENCES	8
SCHOOL OF PUBLIC HEALTH & HEALTH TECHNOLOGY	4
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES	4
TECHNICAL & VOCATIONAL EDUCATION	5
<b>TOTAL</b>	<b>154</b>



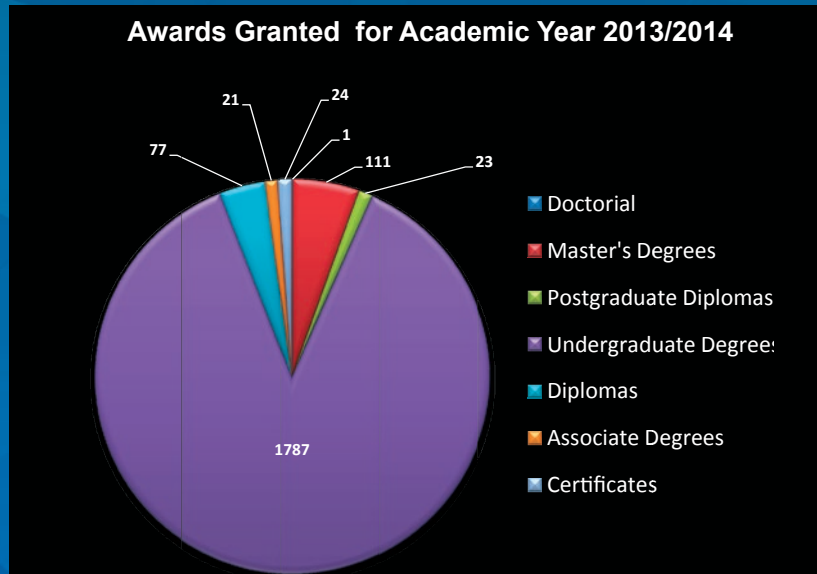


# STUDENT DEMOGRAPHICS

## ACADEMIC YEAR 2014/2015

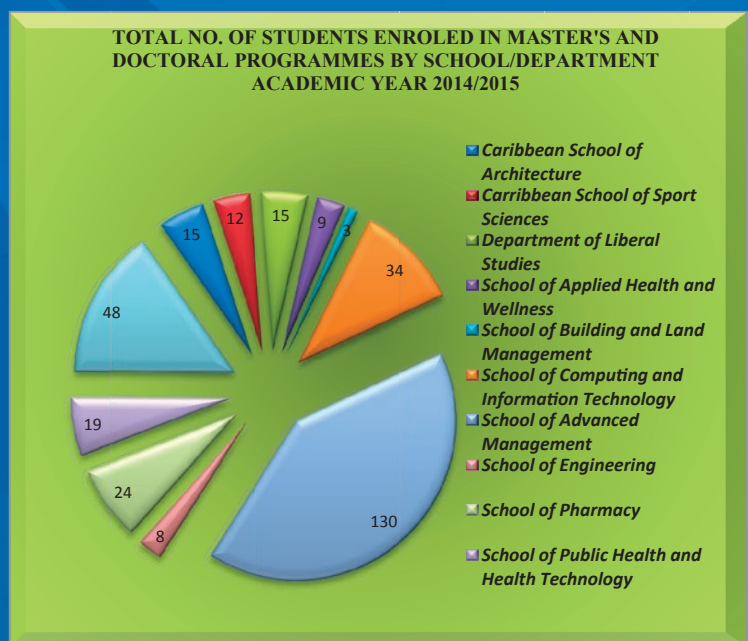
### Class of Awards Granted - Academic Year 2013-2014

Class of Awards Granted for Academic Year 2013/2014	
Type of Award	Total
Doctorial	1
Master's Degrees	111
Postgraduate Diplomas	23
Undergraduate Degrees	1787
Diplomas	77
Associate Degrees	21
Certificates	24
<b>TOTAL</b>	<b>2044</b>



### TOTAL NO. OF STUDENTS ENROLED IN MASTER'S AND DOCTORAL PROGRAMMES BY SCHOOL/DEPARTMENT ACADEMIC YEAR 2014/2015

School/Department	Total
Caribbean School of Architecture	15
Caribbean School of Sport Sciences	12
Department of Liberal Studies	15
School of Applied Health and Wellness	9
School of Building and Land Management	3
School of Computing and Information Technology	34
School of Advanced Management	130
School of Engineering	8
School of Pharmacy	24
School of Public Health and Health Technology	19
School of Technical and Vocational Education	48
<b>TOTAL</b>	<b>317</b>





# DEPARTMENT OF STUDENT FINANCING

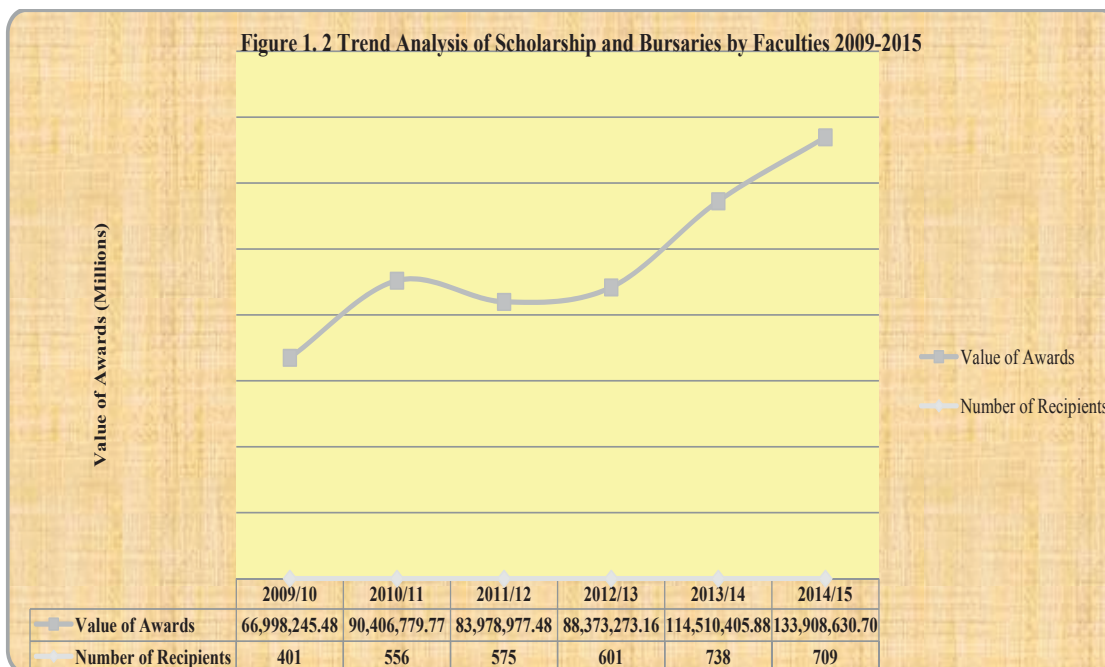
## Scholarships and Bursaries

The upward trajectory presented by the trend analysis in figure 1.2 (below), points to consistent growth in the scholarship portfolio, with noticeable increases since 2012; in fiscal 2014/15 close to \$134 Million Dollars (\$133,908,630.70) was donated by 126 public and private sector donors; an increase of \$20.1 Million (18%). From this fund, scholarships and bursaries benefitted One Thousand Three Hundred and Eighty-eight (1388) students from across the University's eight Faculties/Colleges (see table 1.2 for details).

**Table 1.2: Analysis of Scholarships and Bursaries by Faculties 2009/10 -2014/15**

YEARS	COBAM		FENC		FOBE		COHS andCOPHS		FOSS		FELS		FOL		TOTAL	
	No.	\$\$	No.	\$\$	No.	\$\$	No.	\$\$	No.	\$\$	No.	\$\$	No.	\$\$	No.	\$\$
2009/10	81	9,172,751.33	75	9,839,090.16	61	6,594,511.33	161	39,269,518.83	0	0.00	20	1,676,173.83	3	446,200.00	401	66,998,245.48
2010/11	136	14,169,470.00	124	30,254,889.77	80	10,743,207.50	163	29,201,148.00	0	0.00	38	4,166,944.50	15	1,871,120.00	556	90,406,779.77
2011/12	170	19,626,297.33	142	21,694,085.16	71	9,061,270.00	127	25,967,354.99	0	0.00	47	5,555,910.00	18	2,074,060.00	575	83,978,977.48
2012/13	168	20,411,487.75	117	18,606,695.28	68	8,904,147.13	95	18,844,838.50	67	11,360,890.00	59	7,765,644.50	26	2,434,570.00	600	88,328,273.16
2013/14	219	26,858,539.13	129	19,297,412.23	75	10,642,771.91	132	32,020,240.37	96	14,719,605.00	59	7,180,952.24	26	3,053,835.00	736	113,773,355.88
2014/15	163	22,648,800.90	146	23,523,333.85	60	10,336,491.50	172	53,046,236.25	98	14,447,310.70	38	4,731,247.00	32	5,175,210.50	709	133,908,630.70
<b>TOTAL</b>	<b>937</b>	<b>112,887,346.44</b>	<b>733</b>	<b>123,215,506.45</b>	<b>415</b>	<b>56,282,399.37</b>	<b>850</b>	<b>198,349,336.94</b>	<b>261</b>	<b>40,527,805.70</b>	<b>261</b>	<b>31,076,872.07</b>	<b>120</b>	<b>15,054,995.50</b>	<b>3577</b>	<b>577,394,262.47</b>

**Figure 1.2 Trend Analysis of Scholarship and Bursaries by Faculties 2009-2015**





**Linkages**

The Jamaica Observer remained consistent in its support for students in the School of Hospitality and Tourism Management (SHTM). This year, the Jamaica Observer awarded \$1.5 Million Dollars (\$1,500,000.00) in scholarships and bursaries; and for the fourth consecutive year gave students of SHTM the opportunity to work at the prestigious Jamaica Observer 'Table Talk' Food Awards. A total of 42 students participated, and the Jamaica Observer gave an additional \$126,000.00 as stipend for the student volunteers.

**Sponsorship**

In addition to funding for scholarships, the Department of Student Financing also receives from several public and private entities significant sponsorship to fund tuition and other school-related expenses for students. The list of benefactors includes both local and international sponsors. However, unlike scholarships, sponsorship is not tied to academic performance, but is usually given to a student as a grant or loan.

At the close of the 2014/15 fiscal year, the total value of sponsorship was \$1.39 Billion Dollars



*Back row (L-R): Jamaica Observer Managing Director, Danville Walker, Nova McDonald-Whyte, Garcia Green-McLennon, Director, Student Financing, Pauline Madourie, Scholarship Officer and Dr Gaunette Sinclair-Maragh, Head of School, Hospitality and Tourism Management.*

*Front row (L-R): Jamaica Observer Scholarship recipients Sakale Clarke and Joni-Ann McKenzie, Shanique Eldemire, Rakiya Worrell and Kalisse Kelly.*

**The Chinese Embassy**

Scholarships valued at a total of US Eight Thousand Dollars (US\$8,000) were awarded to five outstanding students by the Government of the People’s Republic of China. The success of this scholarship programme has paved the way for other collaborative initiatives between the University and the Embassy of China.

**New Era Homes 2000 Limited**

New Era Homes 2000 Limited made a substantial award to cover full tuition and books for two first year civil engineering students who will continue to receive the award over the four years of their course of study.

(\$1,394,136,765.93); received from 148 public and private sector companies. This figure includes 15 international sponsors. See table 1.3 for details.

**Sponsorship as an Income Source**

As indicated by figure 1.4 below, the combined income from sponsorship and scholarship represents 47% of the University’s total tuition income; with the remaining 53% coming from self-financed students. Also noteworthy is the fact that the Student Loans Bureau (SLB) represents well over a third (39%) of the University’s total tuition income, and 90% of total sponsorship (see figure 1.3).



## DEPARTMENT OF STUDENT FINANCING *CONT'D*

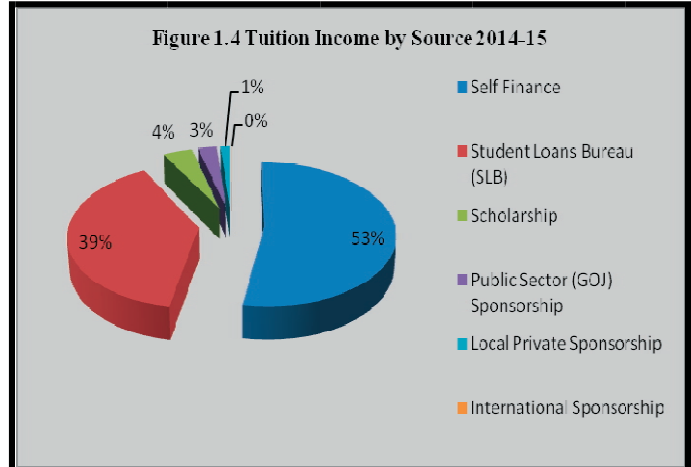
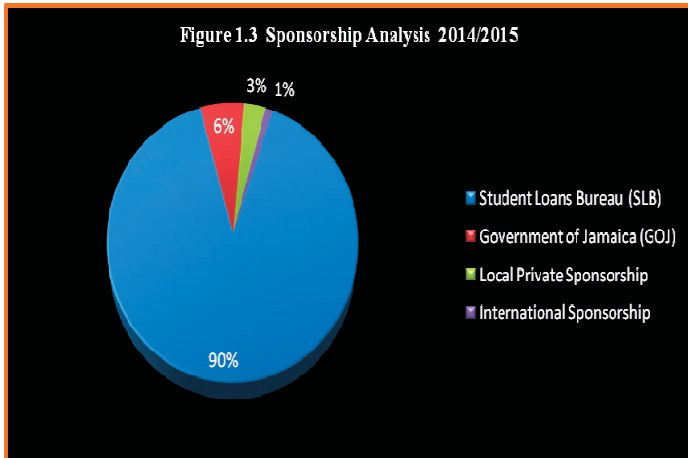


*New Era Homes scholarship recipients Omario Jones (left) and Sasha-Gaye Wilson (right) with from left, Ambassador the Hon. Burchell Whiteman, OJ, Acting President, UTECH, JA., Desmond Young, Vice President, New Era Homes 2000, Benedetto Persichilli, Chairman and Leo Taddeo, President.*

**Table 1.3 Sponsorship Analysis for 2014-2015**

NO. OF SPONSORS	SPONSOR TYPE	Sponsorship Value (\$)	Percentage (%)
1	Student Loan Bureau (SLB)	1,266,179,490.03	90
18	Government of Jamaica (GOJ)	84,871,292.73	6
114	Local Private	42,182,223.17	3
15	International	903,760.00	1
<b>148</b>	<b>GRAND TOTAL</b>	<b>\$1,394,136,765.93</b>	<b>100</b>





**Earn and Study Programme**

Table 1.4 indicates that for the 2014/15 fiscal year, a total of 354 students were employed on the Earn and Study Programme across the three semesters. The current cost of the programme is \$29.8 Million Dollars (\$29,837,334.50). This represents a 9% decrease in students employed over the previous year and a 16% decrease in the amount of monies spent. This general downward trend began in 2012 and is a direct result of the worsening economic climate being experienced by the country and by extension, the University.

**The Expanded Earn and Study Programme**

The Expanded Programme was launched in August of 2010 in response to the tremendous demands being placed on the Regular Earn and Study Programme, by students desperate for additional sources of income; as well as UTech’s ever-increasing manpower needs. As such, the Expanded Programme has the three-pronged effect of providing valuable training for students who receive real-work experience to complement their

academic pursuits, while earning additional income and at the same meeting some of the University’s manpower needs.

For the current review period 122 students were employed on the Expanded Programme at a cost of \$11,811,450.00. (This figure for the Expanded Programme has been included in the overall programme figure of \$29.8 Million Dollars.)

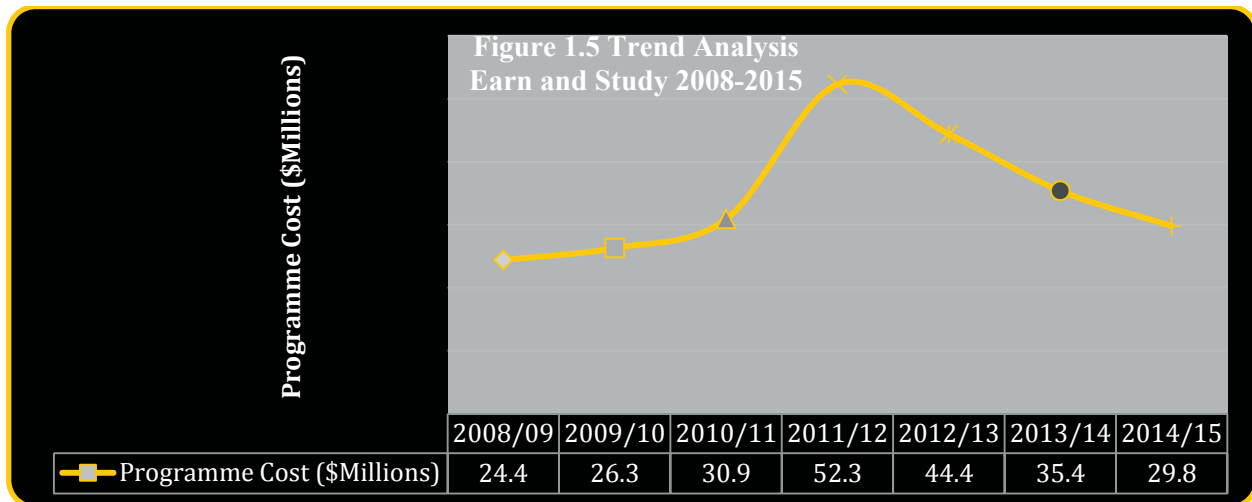
**Student Welfare Programmes**

For the 2014/15 fiscal year, a total of 1072 students benefited from welfare assistance in the form of grants, lunch subsidy, bus passes or sports meals. This brings the total expenditure on welfare activities to \$12.9 Million Dollars (\$12,919,670.10); representing a 7.9% decrease in the total amount of monies spent over the previous year. Of the \$12.9 Million Dollars, \$7.1 Million Dollars (\$7,186,670.10) was used to assist Nine Hundred and Ninety-one (991) of the University’s most needy students, while the remaining \$5.7 Million

Table 1.4 Earn And Study Programme Analysis 2008 - 2015									
YEARS	COBAM	FELS	FENC	FOBE	COHS and COPHS	FOSS	FOL	TOTAL	AMOUNT \$\$\$
2008/09	157	75	94	16	46	0	0	388	24,408,900.00
2009/10	153	81	102	15	54	0	3	408	26,348,252.00
2010/11	152	98	181	28	40	42	17	558	30,888,969.00
2011/12	203	100	183	35	82	69	23	695	52,280,537.00
2012/13	179	135	173	35	66	67	22	677	44,441,515.00
2013/14	106	75	90	21	44	39	16	391	35,379,734.50
2014/15	95	62	96	10	43	29	19	354	29,837,334.50
<b>TOTAL</b>	<b>1045</b>	<b>626</b>	<b>919</b>	<b>160</b>	<b>375</b>	<b>246</b>	<b>100</b>	<b>3471</b>	<b>243,585,242.00</b>



## DEPARTMENT OF STUDENT FINANCING *CONT'D*



Dollars (\$5,733,000.00) assisted student athletes with meals.

### Sports Meal Programme

In October 2011, the Welfare Unit assumed responsibility for the feeding programme for student athletes. Under this arrangement, student athletes from three sporting disciplines (Track and Field, Cricket and Table Tennis) are provided with at least one meal per day. For the 2014/15 review period 81 student athletes were provided with daily meals at a cost of \$5.7 Million Dollars (\$5,733,000.00).

\$182 Million Dollars (\$182,398,635.3) was provided as financial aid to students; in the form of scholarships, bursaries, grants, meal assistance and student work. The additional \$1.4 Billion Dollars (\$1,383,799,413.65) was garnered as public and private sponsorship from local and international sponsors. Table 1.6 (below) provides further details.

**Table 1.5: Total Welfare Grant Assistance by Faculty 2010 -2015**

YEAR	COBAM	FENC	FOBE	COHS & COPHS	FOSS	FELS	FOL	TOTAL	Value \$\$
2010/11	230	123	30	142	0	72	14	611	10,181,402.50
2011/12	249	137	75	195	0	101	24	781	15,410,238.00
2012/13	187	85	52	152	0	51	25	552	11,622,208.00
2013/14	181	89	47	164	64	88	20	653	14,027,163.96
2014/15	199	188	53	346	130	128	28	1072	12,919,670.10
<b>TOTAL</b>	<b>1046</b>	<b>622</b>	<b>257</b>	<b>999</b>	<b>194</b>	<b>440</b>	<b>111</b>	<b>3669</b>	<b>64,160,682.56</b>

### Summary of Operations

At the close of the 2014/15 fiscal year, the total value of the Student Financial Support Services managed by the Department of Student Financing was over \$1.5 Billion Dollars (\$1,576,535,401.23). Of this figure,



Figure 1. 6 Trend Analysis Welfare Programmes 2010-2015

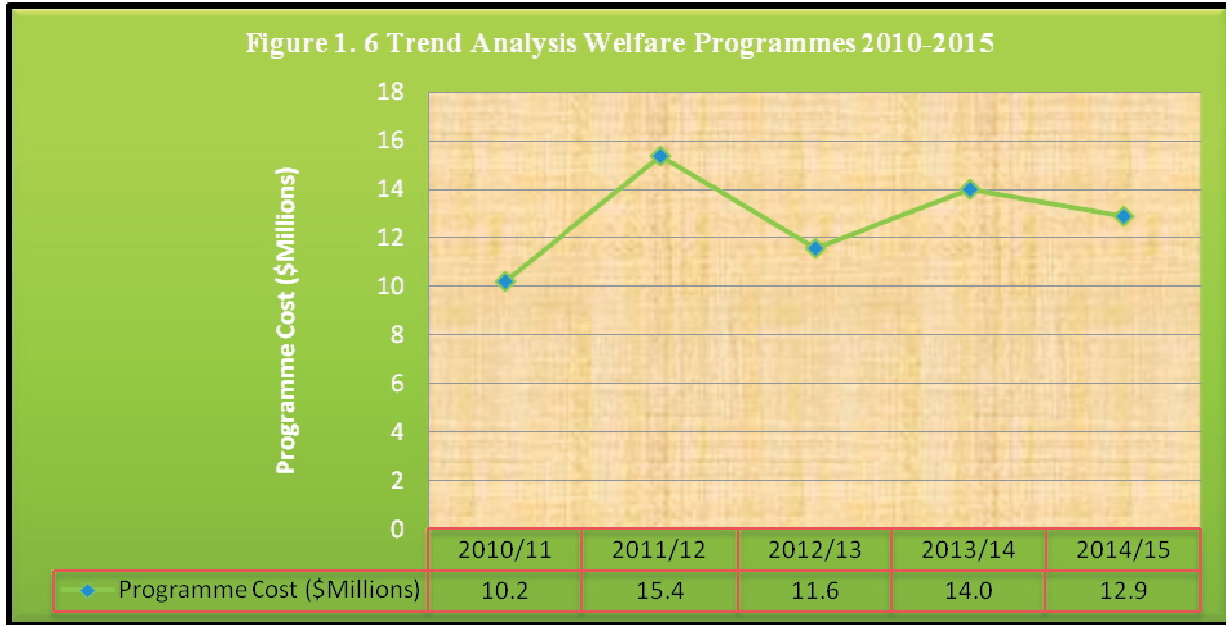


Table 1.6 Summary of Student Financial Support Services

DETAILS	Number Of Students By Faculties							TOTAL NO. OF STUDENTS	TOTAL VALUE \$\$\$
	COBAM	FENC	FOBE	COHS / COPHS	FOSS	FELS	FOL		
Scholarships & Bursaries	163	146	60	172	98	38	32	709	133,908,630.70
Earn and Study	95	62	96	10	43	29	19	354	29,837,334.50
Sports Meals	32	6	10	5	19	7	2	81	5,733,000.00
Welfare Programmes	199	188	53	346	130	128	28	1072	12,919,670.10
Total Financial Aid Support								2216	182,398,635.30
Sponsorship									1,394,136,765.93
	<b>G R A N D T O T A L</b>								<b>1,576,535,401.23</b>



# STUDENTS' UNION



**Miss Delta Wright**  
*President*

The Executive of the Students' Union Council provided representation on the various University committees with some notable successes, among them the improvement in the infrastructure on campus to

enhance the teaching and learning environment, and the implementation of the Grade Forgiveness Policy.

The Students' Union brought strong lobbying efforts to the successful campaigns to reduce the annual tuition increase from 22% to 10%; to reduce dorm fees by 11%, and to erect a perimeter fence at the Montego Bay campus for the safety and security of students. The Union also lobbied for, and received an extension for registration which allowed approximately three thousand (3,000) additional students to become registered in semester one of the academic year.

### Student Welfare

Over \$8M was spent on student welfare: over \$6 M to students in the form of bursaries and grants, and \$2M on the "Love Lunch" programme. Over 350 students on both the Papine and western campuses benefitted from subsidised lunches through this programme.

Some assistance was provided to students for transportation and books in exceptional circumstances. The Love Bus and Love Book initiatives were discontinued.

A subsidised shuttle bus service continued to operate on the Half-Way Tree, Down Town, Spanish Town, Old Harbour and Portmore routes.

### Community Outreach



*A Teach the Youth class in session.*

Community outreach efforts were increased to benefit a larger number of pre-teens and teenagers, and the Annual Tag Drive was successfully executed, with \$200,000.00 from the total proceeds donated to each of three beneficiaries. At the same time, valuable partnerships were maintained with J. Wray and Nephew, Pepsi, Reggae Jammin, Food for the Poor and others.

### Elections

With the help of the Students' Union Electoral Committee and the Electoral Office of Jamaica, the administration concluded its term of office with the staging of "free and fair elections" to elect the 2015/2016 Council.



*Students' Union Council 2014/2015.*



## SCHOOL OF GRADUATE STUDIES RESEARCH AND ENTREPRENEURSHIP (SGSRE)



**Prof. Gossett Oliver**  
*Vice President*

During the reporting period the School of Graduate Studies Research and Entrepreneurship (SGSRE) continued the mandate to build graduate education and research, to secure consultancies and grants,

to manage intellectual property rights, advance the programme for sustainable energy use and cost savings, and to oversee University academic publications, particularly the flagship Journal of Arts Science and Technology (JAST).

### GRADUATE STUDIES

In the 2014-2015 Academic Year the University offered 34 graduate degree programmes, including one new approved course of study - the Post Graduate Diploma in Dietetics and Nutrition Internship Programme, College of Health Sciences.

### Taught Degree Programmes

College/Faculty	Courses of Study
College of Business and Management	Doctor of Business Administration Master of Science in Finance Master in Business Administration
College of Health Sciences	Master of Science Complementary and Alternate Medicine Master of Science in Health Administration Post-Baccalaureate Doctor of Pharmacy Post-Graduate Diploma/ Master of Science in Trauma Studies and Integrative Counseling Master of Science in Nurse Anaesthesia
Joint Colleges of Medicine, Oral Health and Veterinary Sciences	Master in Public Health Post Diploma Meats and other Foods Inspection MSc. in Dental Therapy

College/Faculty	Courses of Study
Faculty of Education and Liberal Studies	Master of Science in Career and Technical Educational Master of Science Workforce Education and Development Master of Science Educational Leadership and Management Post-Graduate Diploma in Education
Faculty of Engineering and Computing	Master of Science in Information Systems Management Post-Graduate Diploma in Information and Communication Technology
Faculty of Science and Sport	Master of Science in Physical Education and Sport
Faculty of The Built Environment	Master of Architecture Master of Science in Built Environment

### Research Degree Programmes

College/Faculty	Courses of Study
College of Business and Management	Doctor of Philosophy in Business Administration
College of Health Sciences	Master of Philosophy in Pharmaceutics
Faculty of Education and Liberal Studies	Master of Philosophy / Doctor of Philosophy in Career and Technical Education Master of Philosophy / Doctor of Philosophy in Educational Leadership and Management
Faculty of Engineering and Computing	Master of Philosophy in Computer Science Doctor of Philosophy in Computer Science Master of Philosophy in Information Systems Master of Philosophy / Doctor of Philosophy in Engineering (varying specializations)
Faculty of Science and Sport	Doctor of Philosophy in Chemistry Master of Philosophy in Chemistry



## SCHOOL OF GRADUATE STUDIES RESEARCH AND ENTREPRENEURSHIP (SGSRE) CONT'D

### RESEARCH MANAGEMENT

#### President's Research Initiative Award, 2014



*Dr. Sean Thorpe (right), Graduate Programme Director, School of Computing and Information Technology in the Faculty of Engineering and Computing beams with pride as he accepts the President's Award for Excellence in Research from Mr. Vivian Crawford, OD, Pro-Chancellor, UTech.*

"The President's Research Initiative Award" is the University's most prestigious award in recognition of individual initiative aimed at promoting research excellence at the University. The 2014 recipient was Dr Sean Thorpe, Lecturer in the School of Computing and Information Technology, Faculty of Engineering and Computing who also has the distinction of being the University's first PhD graduate.

To date, Dr Thorpe has written 20 peer-reviewed conference papers, and nine peer-reviewed journal articles. His research, recognized and cited by international organisations such as the Association of Computing Machinery (ACM), Institute of Electronics, Electrical Engineers (IEEE) and the Lecture Notes in Computer Science (LNCS), has been focused on the areas of Cloud Computing, Digital Forensics, Data Mining and Information Security and has included the introduction of a new sub field referred to as Cloud Computing Log Forensics. He has filed one local and one international patent from his research.

#### Research Development Fund (RDF)

Internal funding support for research continues to be provided through the Research Development Fund

(RDF), managed by the SGSRE. During the period under review, 17 applications were received for funding.

### CARIBBEAN RESEARCH and INNOVATION MANAGEMENT ASSOCIATION (CabRIMA)

CabRIMA is the professional body for research and innovation management practitioners in the Caribbean region ([www.CabRIMA.org](http://www.CabRIMA.org)). The SGSRE continues to be the Secretariat for the Association. During the period under review, CabRIMA members participated in capacity building workshops hosted by UTech, Jamaica and in benchmarking surveys covering innovation, knowledge transfer, entrepreneurship, and related thematic areas.

#### Research Grant Proposals

The University's involvement in six (6) European Union co-funded projects (one as project leader, and five as a partner) continued during the period under review. The areas covered by these projects include intellectual property, innovation, entrepreneurship, knowledge transfer, renewable energy, and climate change.

#### Research, Technology and Innovation Day



*Mr. Kimroy Bailey, Robotics Innovator, renewable energy advocate and alumnus, demonstrates the functionalities of his innovation, the Bailey Botics Robotics Kit, tailored as a learning tool for high school student. The device has capabilities for programming, testing and troubleshooting. Bailey was keynote presenter at UTech's Research, Technology and Innovation Day held on Thursday, March 12, 2015 at the Alfred Sangster auditorium, UTech Papine campus.*

Formerly Research and Technology Day, the one-day



showcase was renamed in 2015 with “Innovation” included to highlight cutting-edge, applied research and innovation being undertaken by the University with the objective of significantly impacting areas of national development. RTID, organized and managed by the SGSRE, was staged on March 12, 2015 to showcase recent results of research and innovation activities undertaken by faculty members and students; highlight existing research collaborations between the university, academic, and industry partners; attract potential research partners from academia and industry and promote the university’s courses of study, especially graduate research degrees

Four hundred (400) copies of the publication, “Research and Innovation: Initiatives, Engagements and Achievements,” prepared by the SGSRE and the Corporate Communications Unit for Research, Technology and Innovation Day 2015, were printed for general distribution. The publication describes the University’s research management ecosystem and presents examples of scholarly initiatives, engagements, and achievements of UTech Jamaica’s staff members.

presentations covered research and innovation being pursued in areas such as renewable energy, sports, climate change, natural products, architecture, orthodontics, public health nutrition, food security, forensic science, technical, vocational and STEM education, education transformation, geoinformatics, tribology, ICT applications, musicological pedagogy, integrated optics and photonics, law, and the health sciences. The exhibits and oral presentations at RTID 2015 were important means of communicating UTech’s work to its proximate stakeholders.



Westwood High School students take keen interest to the displays at the booth mounted by the Faculty of the Built Environment and Nursing students, College of Health Sciences explain an aspect of nursing practice to high school students at RTID College/Faculty exhibits.



The Most Hon. Edward Seaga, ON, PC (3<sup>rd</sup> left), Chancellor UTech listens intently to Dr. Patricia Green (2<sup>nd</sup> left), Head, Caribbean School of Architecture (CSA) during a visit to the School’s booth mounted by the Faculty of Built Environment at Research, Technology and Innovation Day. Looking on from left are Ms. Jacquiann Lawton, Senior Lecturer, CSA and Prof. Colin Gyles, Deputy President.

**Staff Publishing**

Members of staff of the University made conference presentations in 14 countries across 5 continents and published papers in 28 peer-reviewed journals during the period under review. In addition, several UTech, Jamaica staff members have listed/uploaded their publications to ResearchGate, a social networking site of more than one million users where scientists and researchers share papers, ask and answer questions, and find collaborators.

**Intellectual Property**

One patent application was filed and 174 copyrighted works were produced by UTech, Jamaica staff members in 2014. Negotiation of a Non-Disclosure Agreement (NDA) with a private-sector company continued for possible licensing of the technology behind a “Modular LED Lighting System for Street Lighting” system developed by researchers from the Faculty of Engineering and Computing.

Thirty (30) exhibits and sixteen (16) Speakers’ Forum



## SCHOOL OF GRADUATE STUDIES RESEARCH AND ENTREPRENEURSHIP (SGSRE) CONT'D

### Journal of Arts Science And Technology (JAST)

Volume 7 of the annually published Journal of Arts Science and Technology (JAST) was issued in November 2014. The journal carried 10 multi-disciplinary papers by UTech, Jamaica staff and external contributors. JAST is now posted online with EBSCOHost and on the University website. The Call for Papers for volume 8, 2015, was issued in February 2015.

### CARIBBEAN SUSTAINABLE ENERGY AND INNOVATION INSTITUTE (CSEII)



**Dr. Ruth Potopsingh**  
*Associate Vice President*

The Caribbean Sustainable Energy and Innovation Institute (CSEII) continued to build strategic partnerships with institutions and industry both locally and internationally. CSEII's mission is to provide

leadership in sustainable energy for the University through applications in renewable energy, applied research, energy efficiency, policy and energy education.

#### Solar Photovoltaic (PV) Training

The Institute with the support of the German international development agency, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), successfully conducted a six-week intensive Solar PV Design and Implementation course in November 2014. Twenty persons including engineers, renewable energy project managers, Solar PV installers/technicians and energy practitioners participated in lectures, lab sessions and introduction to software resources PV\*Sol donated by GIZ. Lecturers were from the School of Engineering and GIZ Consultant Professor Christoph

Menke. The presenter, GIZ's Professor Christoph Menke, also conducted a workshop in the use of the PV\*Sol Software for course participants and Lecturers.



*Students participating in the Solar PV laboratory Sessions.*

### BRIDGE Project

As part of the Inter-American Development Bank (IDB) sponsored BRIDGE (Building Capacity and Regional Integration for the Development of a Generation of Entrepreneurs in Sustainable Energy and Information and Communication Technologies) programme, the Netherlands Organization for Applied Scientific Research (TNO) and Arizona State University (ASU), together with BRIDGE program partner General Electric (GE), implemented workshops for educators on solar energy technologies and energy efficiency January 5-16 2015. The workshop(s) were held in collaboration with the University of the West Indies (UWI) and other educational institutions in Jamaica, Trinidad and Tobago and Barbados.

The CSEII facilitated participation of three UTech, Jamaica lecturers who were also afforded the opportunity to sit the North American Board of Certified Energy Practitioners (NABCEP) Entry Level PV Installation Professional and Solar Heating Installer Certification exam, all of whom were successful.





At the end of the training General Electric launched their 'Illuminate an Opportunity' Competition"; students and educators at the UWI, Mona Campus, UTech, Ja. and HEART Trust NTA participated. CSEII worked with the lecturers and students to register a strong proposal for the competition. The department encourages inter-institutional interactions through forums and competitions like these to challenge students, foster innovation and establish meaningful networks.

The Associate Vice President, Sustainable Energy also participated in a public forum on the New Caribbean Energy Professional for the New Energy Paradigm hosted by UWI. Through the BRIDGE project, the GIZ donated five Mobile Training Tool (MTT) systems for stand-alone photovoltaic (PV) systems to be shared between UWI and UTech.

### OAS MOU

UTech, Jamaica signed a MOU with the OAS in 2014 to provide technical expertise on Sustainability Life Cycle Assessment Projects (LCA) and the Legal Biofuels Framework, in support of the execution of the Projects. Under this agreement the CSEII offered ongoing advice and guidance on the work of the Partner Organizations implementing the Projects.

Included in this agreement was the hosting of two national workshops, one on Life Cycle Assessment in the Sugar Industry, and the other, in collaboration with the OAS, the Food and Agriculture Organization (FAO) and MSTEM on Bio-energy and Food Security (BEFS) Rapid Appraisal Tool Training .

Over 30 participants benefited from this capacity building training; including a number of lecturers from UTech, Jamaica. The LCA software Simapro will be handed over to the CSEII for its Innovation Lab at the end of the project in July 2015.

### European Union (EU) co-funded Hydrogen Project

The research project, "The Application of Solar-Powered Polymer Electrolyte Membrane (PEM) Electrolysers for the Sustainable production of Hydrogen Gas as fuel for Domestic Cooking", completed its second year of work. The aim of the project is to produce hydrogen gas from water using solar-powered electrolysis, thus reducing reliance on fossil fuels. The project is being implemented by FENC through CSEII-SGSRE.

Year two of the project focussed on completing the modifications to the cylinders and stoves to safely store and burn hydrogen gas. The final phase of the project will involve field trials and will then culminate with an International Conference to be hosted in Jamaica by UTech, Ja.



Lead Researcher, Dr Earle Wilson in discussion at a Focus Group on Hydrogen Use for Cooking.

### UTech, Ja./JPS- Solar Project - 100kw Solar PV System



Admiring the newly unveiled UTech/JPS Solar Project sign located at the front field of UTech's Papine campus from left, are Ambassador the Hon. Burchell Whiteman, OJ, President (Acting), UTech, Dr. Ruth Potopsingh, AVP, Sustainable Energy, Caribbean Sustainable Energy and Innovation Institute, UTech, Mrs. Kelly Tomblin, President and CEO, JPS and Hon. Julian Robinson, MP, Minister of State in the Ministry of Science, Technology and Mining. The sign which is powered by solar energy was unveiled on July 10, 2014 at UTech's Papine campus.



## SCHOOL OF GRADUATE STUDIES RESEARCH AND ENTREPRENEURSHIP (SGSRE) CONT'D

On July 10, 2014 UTech, Ja. in collaboration with the JPS, officially commissioned its first Solar PV system marking a watershed moment in the history of the University. The event marked the culmination of a collaboration with JPS which started in 2012, in a bid to diversify the University’s energy mix and put the institution on a greener path. The project has not only helped to reduce the institution’s electricity bill but is also used to train students of the Faculty of Engineering and Computing and the Faculty of the Built Environment.

The project, valued at approximately JD32 million, includes 402 photovoltaic solar panels, 6 inverters and one transformer. The system was erected on the roofs of the Faculty of Education and Liberal Studies (FELS), Faculty of Engineering and Computing (FENC) and on the front lawns. For the first seven months, June to December 2014, the system produced 60.92 MWh of clean energy, accounting for savings of US\$22, 175.09.



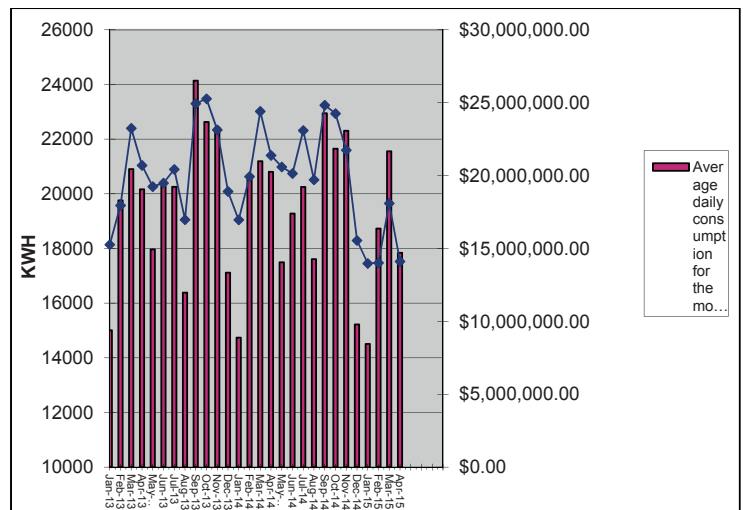
An aerial view of the section of the PV system located at UTech, Jamaica's Papine campus.

### Utilities Cost Savings

The CSEII continued to increase its influence on energy conservation and efficiency behavior through Broadcast and Screensaver Messages on Staff Computer systems. The Figure below indicates the consumption trends over the last two financial years.

Energy Consumption over Two Financial Years, 2013/2014 and 2014/2015 (Kilowatt hours and Billing)

A Draft Energy Plan for the University has been prepared and is to be rolled out following consultations.





# COLLEGE OF BUSINESS AND MANAGEMENT



**Associate Professor Paul Golding**

*Dean*

School of Business Administration

Joan Duncan School of Entrepreneurship, Ethics and Leadership

School of Hospitality and Tourism Management

## **AACSB Accreditation**

In January 2015, the College of Business and Management was admitted to membership of the Association of Advanced Collegiate Schools of Business (AACSB). The College is on course to pursue accreditation by the AACSB in the hope of becoming the first Business School/College in the English speaking Caribbean to be accredited by the AACSB.

The College is actively engaged in ensuring that all its programmes are accredited by the relevant bodies.

## **First Cohort**

The first cohort of the BSc Entrepreneurship from the Joan Duncan School of Entrepreneurship, Ethics and Leadership graduated in November 2014. Advanced preparations are underway for the completion and submission of the application request for accreditation of the BSc Entrepreneurship to the University Council of Jamaica (UCJ).

The Bachelor of Science in Administrative Management was developed, and approved for delivery in AY 2015-2016 by the School of Business Administration. The BSc in Economics was revised and approved for delivery also in AY 2015/6.

The offering of the Customer Service module as an online course in the School of Hospitality and Tourism Management was piloted with nineteen (19) students

in semester 2 of the academic year (2014/2015) as an elective. The first class was a face-to-face interactive session where the module's lecturer met with the students to provide guidelines/an overview for participation in the online module. The Office of Distance Learning (ODL) conducted a training session to guide students in navigating the online module.

## **Entrepreneurship**

- Students Lasanna Allen, Ryan Reid, Orane Edwards, Trudy-Ann Smith and Rajesh Hutchinson operating Alorrs Jerk City, emerged winners of the Club Billionaire Competition, the Micro-Enterprise competition which commenced operations in January 2014. The competition was organized in collaboration with the Scotiabank Chair in Entrepreneurship and Development and Bio-Tech RandD Institute.
- The Global Entrepreneurship Monitor (GEM) launched the 2013 Jamaica Report on June 25th and 26th 2014 at the Jamaica Conference Centre during the inaugural International Conference on Entrepreneurship. The keynote speakers for both days were the Honourable Anthony Hylton, Minister of Industry, Investment and Commerce and the Honourable Julian Robinson, Minister of State, Ministry of Science, Technology, Energy and Mining respectively. Other speakers were the Director of GEM Caribbean, Dr Rodrigo Varela, Dr Craig Watters, Associate Professor from



# COLLEGE OF BUSINESS AND MANAGEMENT CONT'D

Oklahoma State University, and Professor Hopeton Dunn, Director of CARIMAC, UWI.

As team leader for GEM Jamaica, Dr Michelle Black attended the GEM Annual General Meeting in Monterrey, Mexico.



*Dr. Paul Golding, (5<sup>th</sup> left) Dean, College of Business and Management (COBAM) presents a copy of the Global Entrepreneurship Monitor 2013 Jamaica Report to Hon. Anthony Hylton, MP, Minister of Industry, Investment and Commerce who was keynote speaker on day one of the 2-day conference on entrepreneurship hosted by the College, June 25 and 26, 2014 at the Jamaica Conference Centre, Kingston. Sharing in the occasion from left are Dr. Lois Stevenson, Director, Economic Framework Policies Industry, Canada, Dr. Michelle Black, GEM Team Leader, Mr. Orville Reid, Lecturer, COBAM, Dr. Girjanauth Boodraj, Lecturer, COBAM, Dr. Claudette Williams Myers, Associate Dean, COBAM, Mr. Michael Steele, Head, Joan Duncan School of Entrepreneurship, Ethics and Leadership (JDSEEL) and Dr. Rodrigo Varela, Director, GEM Caribbean.*

- The annual Business Model Competition commenced on September 29, 2014 with over 25 teams. Following several elimination rounds six (6) teams entered the finals. The competition received sponsorship to the tune of \$1,385,000.00. From the Business Model Competition, the two top placed teams represented UTech, Jamaica at the national finals of the Business Model Competition held on March 24<sup>th</sup> and 25<sup>th</sup>, 2015 at the Jamaica Conference Centre. UTech, Jamaica's entrants placed second, and fourth.



- Global Entrepreneurship Week was celebrated from November 17 – 22, 2014. The School and the Incubator showcased three events this year. They included Global Entrepreneurship Monitor (GEM) presentation; discover the Entrepreneur in You and UTech, Jamaica Business Model Boot Camp.

### Student Achievements

- The 20th Annual Students' Conference organized and hosted by the final year students of the School of Business Administration was held in both Kingston and Montego Bay. This is the largest student organized conference in the Caribbean.
- Chris-Ann Thomas was awarded the JNBS Foundation Legacy Scholarship to the University of Birmingham to pursue postgraduate studies.
- Renae Reid, a final year Marketing student was the recipient of the 2014 George Phillips Memorial Scholarship. She was honoured at Kings House on Thursday, May 29, 2014 at the Jamaica Institute of Management Awards Ceremony.
- SHTM Culinary Major Graduate, Theo Smith was among the twenty-three outstanding young Jamaicans and two youth groups who were awarded the 2013 Prime Minister's Youth Award for Excellence at a ceremony held at Jamaica House, Kingston, on April 6, 2014 under the theme: 'Celebrating Jamaican Youth. The Courage of Perseverance'



- Staff and students of the School have in recent years become increasingly involved in the annual Jamaica Observer Table Talk Awards, the stellar culinary event of the year. SHTM was represented on Thursday May 29, 2014 by a number of the School’s culinary experts and over 50 of students who worked as service staff for the function.
- Five (5) SHTM students were granted scholarships from the Jamaica Observer: three full final year scholarships and two bursaries.
- SHTM participated in the Jamaica Agricultural Society’s Eat Jamaica Campaign 11th Anniversary celebration on November 25th, 2014 at the Jamaica 4H Centre. Chef Karl Thomas’ presentation at the Jamaica Stock Exchange Lunch Panel discussion on January 22, 2015 was titled “The Caribbean Competitive Advantage : Agriculture and the Culinary Industries-The Key to Job Creation and Economic Development”.
- SHTM Day was held on March 24, 2015 under the theme “A Sustainable Future-Global Challenges, New Perspectives and Golden Opportunities in Hospitality and Tourism Management. Final year students presented their final research projects during the day’s event.

## LINKAGES AND COLLABORATION

- The College of Business and Management (COBAM) has collaborated with the Agency for Inner-city Renewal (AIR) in Trench Town in support of a community greenhouse project funded by USAID. To add another dimension to the relationship, students pursuing the Social Entrepreneurship Module in semester 2 are required to do a Social Entrepreneurship project in Trench Town jointly with the Miracle Youth Club which is the youth club arm of AIR.
- In January 2015 the College received funding from the Development Bank of Jamaica to the tune of J\$7.3 million to develop multimedia software (U-Touch 2) intended to improve the learning of the English Language among the deaf and hard-of-hearing community.



Final year SHTM students pose with their Head of School, Dr. Gaunette Sinclair-Maragh, at their booth showcasing their final year project which examined the development of sports tourism in Jamaica



Ambassador the Hon. Burchell Whiteman ,OJ (3rd left), Acting President, UTech and Mrs. Claudine Tracey, General Manager, Strategic Services, Development Bank of Jamaica display a copy of the Memorandum of Understanding signed by the two entities on Wednesday, January 14, 2015 at UTech’s Papine campus for the development of the U-Touch 2 e-learning Sharing in the happy moment are Associate Professor Paul Golding (left), developer and lead researcher of the software and Dean, College of Business and Management, UTech and Prof. Colin Gyles, Deputy President, UTech.

- The UTech, Jamaica/Jamaica National programme under which a number of UTech, Jamaica students are employed part-time was extended for the 2014-15 academic year. Two students who worked with the programme in the last academic year were



## COLLEGE OF BUSINESS AND MANAGEMENT *CONT'D*

permanently employed.

- The School of Business Administration continues to participate in the Canada-CARICOM Leadership programme through an initiative by Dr Terrence Frater, Adjunct Professor. Four students benefited from the programme which provided them with the opportunity to spend one semester studying at the University of Prince Edward Island, in Canada. Since inception, ten students have benefited.
-



# COLLEGE OF HEALTH SCIENCES



**Associate Professor Ellen Campbell-Grizzle**  
*Dean*

**Caribbean School of Nursing**  
**School of Allied Health and Wellness**  
**School of Pharmacy**

### **New Courses of Study**

Six new courses of study were slated to be offered for the 2014/2015 Academic year:

- Master of Science in Nurse Anaesthetist
- Master of Science in Public Health Nutrition
- Post Graduate Diploma/Master of Science in Trauma Studies
- Post RN Bachelor of Science in Critical Care Nursing
- Bachelor of Science in Pharmaceutical Technology
- Bachelor of Science in Midwifery

### **Revision of Syllabi**

Throughout the period under review, syllabi for the following courses of study were submitted for review and approval by the Curriculum Committee:

- B.Sc. in Nursing
- B.Sc. in Child and Adolescent Development
- Health Science Degree
- Associate Degree in Health Information Technology
- B.Sc. in Pharmaceutical Technology
- B.Sc. in Medical Technology

- Post Graduate Diploma and M.Sc. in Trauma Studies and Integrative Counseling



*From left, Dr. Sean Moncrieffe, Head, School of Pharmacy, (2nd row left), Dr. Ellen Campbell-Grizzle, Dean, College of Health Sciences, Ms. Diane Edwards, President of JAMPRO Trade and Investment Jamaica and Ambassador the Hon. Burchell Whiteman, OJ, Acting President, UTech pose with the first cohort of BSc. in Pharmaceutical Technology students following presentation of their symbolic pins at the launch ceremony for the new course of study held on Thursday, February 26, 2015 at the PCJ auditorium.*



# COLLEGE OF HEALTH SCIENCES CONT'D

The following University Electives were also submitted to the Curriculum Committee for approval:

- Injury and Violence Prevention
- Basic Conversational Jamaican Sign Language
- Intermediate Conversational Jamaican Sign Language

### Student Achievements/Awards

In November 2014, the first batch of seventeen (17) nursing students graduated from the franchise programme offered through the St Vincent and the Grenadines Community College. An additional twenty (20) students are expected to graduate in 2015

The continued use of online/blended modalities has resulted in the enrolment of students in the Bahamas, Anguilla, Barbados, St Lucia, St Vincent and the Grenadines, Barbados, Canada, Antigua and Belize.

### Collaboration with the Organization of American States

Since late 2012, the College has been involved in a drug demand reduction project funded by the Organization of American States/ Inter-American Drug Abuse Control Commission (OAS/CICAD). The Project involves building capacity among the UTech community through workshops that cover drug abuse prevention education, policy development, addiction and treatment.



*Miss Beverley King, Head, Caribbean School of Nursing, College of Health Sciences, addresses final year nursing and midwifery students at their 4th annual Striping Ceremony held Friday, March 13, 2015 in Montego Bay, St. James.*

### UTech Pharmacy Alumni

The UTech Pharmacy Alumni (UPA) continued to be a major and reliable source of support for the School of Pharmacy. Both the UPA and the Caribbean Institute of Pharmacy Policy Practice (CIPPPAR) continued to provide assistance for needy pharmacy students.

### Enhancing Health Care Training Across the Caribbean

Through the use of distance technologies, the College continued to expand access to its courses of study to prospective students within and outside of Jamaica. Through this initiative the College has maintained its top place position on the University's list of having the greatest number of international students enrolled in its programmes.

To date, several workshops aimed at sensitizing persons on the misuse of drugs have been hosted jointly with the National Council on Drug Abuse. The Caribbean Poison information Network has also assisted through the hosting of some public education seminars in schools.

### The Wellness and Welfare Initiative

For the period under review, the College's Wellness and Welfare Committee responded to the Chik V and Zika Virus outbreaks with a number of public awareness bulletins. These bulletins assisted staff members as well as external persons in identifying symptoms associated with the viruses and seeking the relevant medical support.





### Memorandum of Understanding for Ganja Research

On February 21, 2015, the College signed a MOU with Balam Vaswani, Chairman and Chief Ganja Officer of Ganja Labs LLC, USA. This agreement will allow for the

financing of green houses and laboratories to be used for the testing of the marijuana plants on the Papine Campus and will also allow the University to store new genetic plants and materials.



*From left, Mr. Pradeep Vaswani, Chairman, Goodlife Brands Ltd., Mr. Balram Vaswani, Chairman, Ganja Labs, USA, Hon. Burchell Whiteman, OJ, President (Acting), UTech, Ja. and Dr. Ellen Campbell-Grizzle, Dean, College of Health Science, UTech, Ja. participate in the signing of a Memorandum of Understanding between the two institutions to collaborate on research in science, technology and best practices in the cultivation of medicinal marijuana under controlled and secure conditions. Looking on are Dr. O'Neil Roper, Senior Director, Facilities Management, UTech, Ja., Prof. Amani Ishemo, School of Building and Land Management, UTech, Ja., Dr. Claire Sutherland, Senior Director, International and Institutional Linkages, UTech, Ja. and Prof. Colin Gyles, Deputy President, UTech, Ja.*

### Physical Expansion

On June 1, 2014, the College's new extension at 2B Braemar Avenue was officially handed over to the University on a fifteen-year lease arrangement. This facility was renovated to allow for the accommodation

of office space and two lecture rooms each capable of seating forty-two students. Graduate courses of study offered through the Caribbean School of Nursing, will be delivered from that location.



## JOINT COLLEGES OF MEDICINE, ORAL HEALTH AND VETERINARY SCIENCES



**Dr. Irving McKenzie**

*Interim Dean*

The proposal to establish the Joint Colleges of Medicine, Oral Health and Veterinary Sciences was approved by the University Council in December 2011. During the current review period the operational units were The College of Oral Health Sciences and the School of Public Health and Health Technology which is a part of the College of Medicine. The School, located at 21 Slipse Pen Road, Kingston 5 offers the B.Sc. programmes in Environmental Health, Public Health Nursing and Occupational Health and Safety as well as a Master of Public Health.

The College of Oral Health Sciences offers BSc. Programmes in Dental Laboratory Technology, Dental Nursing Therapy and Dental Hygiene; Diploma in Dental Assisting (Expanded Function) and Doctor of Medical Dentistry (DMD)

The College is a significant contributor to oral health knowledge and practice in Jamaica through the training of individuals for the dental workforce as well as through its commitment to, and extensive practice of voluntary, pro bono community dental service. Students are exposed to the application of theoretical and practical approaches to dentistry which provides them with a broader perspective of their role as dental health professionals in a developing country.

The College has established and maintains:

- The Rosalie Warpeha–Caribbean Institute for Strategic Planning and Research in Oral Health,
- The Oral Health Centre of Excellence for the provision of comprehensive and special needs oral health care and,
- A Bio-molecular Research laboratory for conducting research in Oral Health.

The College of Oral Health Sciences continues to be a source of significant benevolence to many vulnerable and at-risk Jamaicans. Services provided include examinations and specialist consultations, diagnostic services such as radiography and biopsies, dental prophylaxis (cleaning), preventative oral health procedures such as topical fluoride applications, varnishes and sealants, fillings, root canal treatment, oral and maxillofacial surgery, dental implants, prostodontics services (removable full and partial dentures, crown and bridge, orthodontics, paediatric dental services, peridontics services, endodontic services. These services are provided at no cost the patients.

The College has been the recipient of significant endowment/contributions from Individual Dental Surgeons, Dental Supply companies and Organizations.

### **Special Certification/Accreditation**



- The College received a Certificate of recognition from the Dental Council of Jamaica in recognition of the Dental Courses of study that are being offered at the institution.
- The American Board of Dental Examinations and the North Eastern Regional Board of the American Board of Dental Examinations and the North Eastern Regional Board of Dental Examiners visited the College and conducted an onsite assessment. Mock examinations were held at the College in November 2014. Based on the performance of the students during the examinations, the North East Regional Dental Examination Board on January 9, 2015 voted to establish Jamaica as the first country outside the United States of America to be a full member of the American Dental Examination Body (ADEX) and the Commission on Dental Competency Assessments (CDCA) formerly, North East Regional Examination Board (USA) of Dental Examiners (NERB).

### Infrastructural Development

A Dental Prosthetic Laboratory, the first of its kind established at any oral health training facility in Jamaica has been set up with the support of Great Shape! Inc. - the world's largest non-profit international humanitarian dental programme. The fully operational Lab has been set up with state-of-the art equipment comparable to the best of such facilities in the world. The lab is valued at over \$12M, and of equal or greater significance is its

value as a training facility where the Dental Laboratory Technician (DLT) students will see and have a hands-on appreciation of the process of preparing dentures for real patients.

### Local and International Linkages and Collaborations International Student Exchange:

The exchange programme where students from different countries attended special training in outreach and clinical dentistry continued during this review period. The College received students from Germany, UK, China, Russia, Poland, Khazakstan.

Partnership continued with the Universities of Maryland and Arizona for educational programme and lecturer support. Students of the College have distinguished themselves in hosting the International Volunteer Programme of the International Dental Student body (IDS).

### Visiting Professors

The College continued to benefit from the voluntary service of distinguished overseas dental professionals during the year in review. Among them, from Canada Professor Gary Glassman and Professor Leendert Boksman. Professor Boksman assisted in the preparation for Commission on Dental Competency Assessments (CDCA) formerly, North East Regional Examination Board (USA) of Dental Examiners (NERB)/



*Dr Irving McKenzie (right), Interim Dean, College of Oral Health Sciences, University of Technology, Jamaica and Mr Bob Irlbeck, Retired Dental Technician and Great Shape! Inc volunteer examine dentures and partial dentures being produced in the College's newly established Dental Prosthetic Laboratory at its Arthur Wint Drive campus, St Andrew.*

the American Dental Examination Body (ADEX) Examinations for final year students. Great Shape! Volunteers Dr Sonja Irlbeck and Bob Irlbeck completed the process of setting up the Dental Prosthetic



## JOINT COLLEGES OF MEDICINE, ORAL HEALTH AND VETERINARY SCIENCES *CONT'D*

Laboratory and reviewed the curriculum for the Dental Laboratory Technology course of study.

Adjunct Professor Ronald Guttu, Specialist in Oral Medicine, and Oral and Maxillofacial Surgery Professor C. R. Anderegg, Specialist in Periodontology and Dr Ralph Cunningham of New York University completed the list of distinguished volunteers.

### **Professional/Consultancy Services**

The College of Oral Health Sciences is collaborating

with the University of Dalhousie, Ministry of Health, and the Pan American Health Organization in conducting a Migration Studies for Dental Auxiliaries in Jamaica.

### **Outreach Activities**

Ninety-six (96) Health Fairs and Outreaches were conducted during the period under review. Some 15,000 individuals in communities across Jamaica have received an exceptionally high standard of Oral Health Care.



*Students of Morant Bay High school St. Thomas, are all smiles during a Health Fair hosted by College of Oral Health Sciences, UTech, Ja. at the school. From left are final year Doctor of Medical Dentistry students Denise Masters, Arthur Jefferson and Renae Duhaney.*

### **Conference**

The 3rd International Conference of the Rosalie Warpeha - Caribbean Institute for Strategic Planning and Research in Oral Health was hosted by the College in October 2014. The theme of the conference, held at the Jamaica Conference Centre, was "Evidence-Based Approaches to New and Re-emerging Diseases, Endemic Diseases and Enhanced Surveillance Methodology."

### **Organizational Well-Being**

The College supported the specialised training of the Dental Assistant Students, Dental Assistants and Ancillary staff in Climate change and Infection Control, for a two-day training workshop which was hosted by the Caribbean Academy of Eastern European Trained Professionals (CAEETP).



## **SCHOOL OF PUBLIC HEALTH AND HEALTH TECHNOLOGY**

During the past academic year, the School of Public Health and Health Technology (SPHHT) continued to consolidate its position as an integral part of the Joint Colleges of Medicine, Oral Health and Veterinary Sciences.

### **Course of Study**

During the period under review, adjustments were made to the Master of Public Health course of study to include modules, Fundamentals of Human Immunodeficiency Virus (HIV) and Reproductive Health. This modification strengthens the Public Health training and practice and makes it more current and relevant.

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### **Accreditation**

The School has advanced its plans in having an Accreditation Officer and Accreditation Support in place for assisting with accreditation activities.

### **Ongoing Research Project**

Prof. Winston Davidson Head, School of Public Health and Technology made a presentation to the University Diabetes Outreach Programme International Conference in March 2015 on his ongoing research project - The Four Stages Theory of Prevention: the impact of the environment on the Causation of Diabetes Mellitus and the management of chronic diseases.



## FACULTY OF EDUCATION AND LIBERAL STUDIES



**Dr. Rohan Lewis**

*Dean*

The Faculty of Education and Liberal Studies through the School of Technical and Vocational Education (SOTAVE), produces teachers and trainers in technical specializations of the highest quality. SOTAVE offers programmes in Family and Consumer Studies, Industrial Technology and Business and Computer Studies. In addition, through the School of Humanities and Social Sciences (SHSS) formerly the Department of Liberal Studies (DoLS), the Faculty provides learning experiences that foster critical and creative thinking, a heightened awareness and practice of professionalism, and the development of skills in effective communication and social learning.

### **School Of Technical and Vocational Education (SOTAVE)**

In the continuing process of 'revisiting' the role and effectiveness of the School of Technical and Vocational Education the administration has accepted the primacy of STEM to modern education, particularly in preparing graduates for work in a global marketplace.

Consequently, a team has been comprised to explore SOTAVE's emerging role in STEM education. The members of the team are Professor Simon Yalams, Drs. Shermaine Barrett, Gareth Phillips, Leonie Clarke, and Mrs Anita Thomas-James. The team is led by Dr Phillips.

### **Accreditation**

The undergraduate programmes in the SOTAVE,

### **School of Technical and Vocational Education (SOTAVE) School of Humanities and Social Sciences (SHSS)**

Bachelor of Education in Technical and Vocational Education and Training (TVET) in FCS, BCS and Industrial Technology were re-accredited by the UCJ. The MSc in Workforce Education and Development (M. Sc. WED) was also re-accredited.

### **Teaching Practicum Exercises 2014-2015**

Approximately one hundred and thirty-seven (137) students participated in the final year teaching practice exercise across sixty-three (63) schools in eight parishes. The exercises ran from January 5 – March 27, 2015. Students of the Industrial Technology programme have been practicing in the classrooms at the Papine High School since October, 2014.

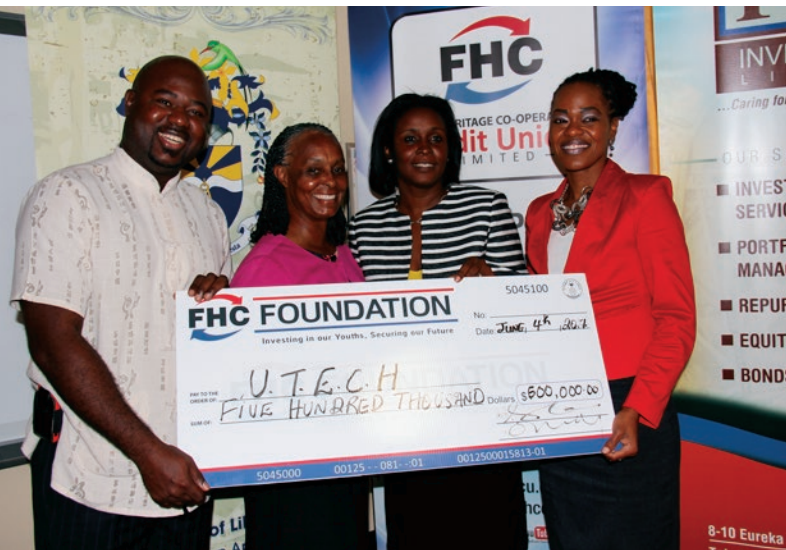
### **Pilot Project for Business Education and Entrepreneurship in Secondary Schools**

An initiative to promote a culture of entrepreneurship in secondary schools spearheaded by Mrs Vivia Clarke, programme director for Business and Computer Studies in collaboration with the First Heritage Co-operative Credit Union (FHCCU) and Caribbean Airlines was launched on Wednesday, June 4, 2014 at the UTech, Jamaica Papine campus. Five schools were selected for the pilot project. The initiative aims to strengthen secondary school students' performance in business subjects at the Caribbean Secondary Education (CSEC) level, by setting up and running a business.

Miss Diana Allen, Senior Marketing Officer, First



Heritage Co-operative Credit Union, the major sponsor, presented FELS with a cheque for \$500,000 toward the venture. In September 2014, the schools, Excelsior High, Dunoon Technical, Norman Manley High, Oberlin High and Haile Selassie High, were each given \$100,000 to start a business of their choice. Business education students were the target group. Ms. Deliah Bennett, Marketing Manager, Caribbean Airlines presented airline tickets to be used as part of the prizes to the winning school.



Miss Diana Allen (right), Senior Marketing Officer, First Heritage Co-operative Credit Union Ltd. presents a sponsorship cheque for \$500,000 to the University of Technology, Jamaica for the University's Business Education and Entrepreneurship pilot project in high schools launched on June 4, 2014 at the UTech, Jamaica Papine campus. Accepting the cheque from left are Dr Rohan Lewis, Dean, Faculty of Education and Liberal Studies, Dr. Leonie Clarke, Head, School of Technical and Vocational Education and Mrs. Vivia Clarke, Programme Director, Business and Computer Studies Programme in the Faculty of Education and Liberal Studies.

### FELS Supports "Mission Catwalk"

The fashion design and management programme received much exposure from the filming of the popular Mission Catwalk season in the FELS clothing laboratory in July. The promotion of the fashion designing programme (ADPM) received a further boost at the final show of Mission Catwalk on November 15, 2014. The Programme also benefitted from a donation of two air conditioning units which were installed at the clothing laboratory.

The winner of the competition was awarded a scholarship to pursue studies in fashion designing at UTech, Jamaica in the ADPM programme.



Dr. Rohan Lewis, (3rd left) Dean, Faculty of Education and Liberal Studies and Mrs. Keneea Linton-George, Fashion Designer and Producer, Mission Catwalk share lens time with budding Jamaican designers Kurt Campbell (left) and Romeo Williams at a special reception for the viewing of episode 4 of Mission Catwalk hosted by the Faculty at UTech's Papine campus on Saturday, October 11, 2014.

### Mathematics Education at UTech, Jamaica

In May 2014, a team of senior UTech, Jamaica Faculty including Professor Colin Gyles, Drs Rohan Lewis and Leonie Clarke and Mr Afis Ismail met with Dr Tameka Benjamin, National Mathematics Coordinator in the Ministry of Education to discuss establishing a leadership role for UTech, Jamaica in math education. Dr Benjamin committed to involving UTech, Jamaica representatives in key areas such as the National Math Advisory Committee and in discussions on math education.

### FCS Conference 2015

The Family and Consumer Studies Programme in the School of Technical and Vocational Education successfully hosted their 12th Annual conference on February 20, 2015, under the theme "Reinforcing Science, Technology, Engineering and Mathematics (STEM) principles through the Home Economics Curriculum". Eighteen schools from across the island participated in this conference.

The keynote speaker Dr Wayne Wesley, Executive Director for HEART Trust/NTA, highlighted the approach to STEM integration and its connections to varying disciplines.



## FACULTY OF EDUCATION AND LIBERAL STUDIES CONT'D

### School of Humanities and Social Sciences

In recent years, FELS through its School of Humanities and Social Sciences has diversified its interest in language education.

### Foreign Languages

#### • UTech, Jamaica, Jamaica DELE Centre:

UTech, Jamaica, Ja. has been a part of the network of DELE (Diploma in Spanish as a Foreign Language) Examination Centres across the world and continues to receive support from the Embassy of Spain as it positions itself to meet the challenges of growth and development. The Embassy has donated material for preparation of DELE exams and paid exam fees for DELE candidates.

#### • Spanish for Engineers:

The Spanish for Engineers module is being redesigned and improved.

#### • Mandarin:

Basic Chinese (Mandarin) is now being offered.

#### • English as a Foreign Language:

English as a Foreign Language 1 was approved for delivery starting in January 2015.

### Psychology Symposium

The first staging of "In D Mind" took place in February 2015. The event was conceptualized as a forum in which Psychology students could engage in a discussion with persons from different backgrounds, personalities and professions. For the first staging of In D-Mind, reggae and dancehall artistes Gage, Charly Black, Teflon and Vershon were the invited guests.

### International Day

International Day was successfully staged on Thursday, November 20 at the Alfred Sangster Auditorium. The event showcased various language communities and cultures. Representatives from the various embassies, universities, language Institutes and high schools were present.



*Students in costume on International Day.*

### BA CAT Student Wins Film Festival Award

David Johnson, final year student in the Bachelor of Arts in Communication Arts and Technology (BCAT) programme won the Best Silent Film Award for the film *Angels Versus Demons* at the Lignum Vitae Film Festival hosted by the Northern Caribbean University.





# FACULTY OF ENGINEERING AND COMPUTING



**Prof. Nilza Smith**

*Dean*

The Faculty of Engineering and Computing's Strategic Plan for the academic year 2014/2015 focused on consolidation of programmes and expanding international partnerships with other universities. Evidence of the success of this drive is the fact that for the last two years FENC students have distinguished themselves by being at the top tier of the graduating class in academic performance and leadership. New courses of study were also developed to fulfill UTech, Jamaica's vision of satisfying national and regional labour force demands.

## **School of Engineering (SOE)**

### **Aviation Programme**

Development of an aviation programme in the School of Engineering is underway and scheduled to start in academic year 2016/17. The programme will include Airport Management, Aerospace and Aircraft Maintenance Engineering.

### **School of Computing and Information Technology (SCIT) Bachelor's Degree in Animation**

The proposal for the Bachelor in Animation Production and Development was approved by the Board of Undergraduate Studies (BUS) at their sitting on Thursday February 12, 2015. The School of Computing and Information Technology is scheduled to commence offering this programme in academic year 2015/16.

## **School of Engineering (SOE)**

## **School of Computing and Information Technology (SCIT)**

### **SCIT Lecturers Win International Tracer F.I.R.E. Security Forensic Hackathon Challenge**

Three lecturers from the School of Computing and Information Technology (Dr Sean Thorpe, Senior Lecturer, Mr Kedrian James, Lecturer and Mr Rohan Malcolm, Assistant Lecturer) emerged winners at the prestigious Tracer F.I.R.E. (Forensic and Incident Response Exercise) Security Forensic Hackathon Challenge held December 8–9, 2014, in Louisiana, New Orleans, USA. Tracer FIRE is a programme developed by Sandia and Los Alamos National Laboratories to educate and train cyber security incident responders (CSIRs) and analysts in critical skill areas, and to improve collaboration and teamwork.

The UTech, Jamaica team designated, "The Avengers," won with 37 points after two consecutive days of gruelling hands-on competition outstripping their closest rival, Team USA, who earned 35 points.

### **SCIT Leads Research with University of North Carolina to Advance Research and Development Capacity in Information Security**

The Computational Science Research group from the School of Computing and Information Technology (SCIT) participated in a joint research project with the University of North Carolina (UNC), Chapel Hill, USA. The research project was underwritten by a Research Development Fund (RDF) grant awarded by



## FACULTY OF ENGINEERING AND COMPUTING *CONT'D*

the School of Graduate Studies and Entrepreneurship (SGSRE), supplemented by funding through the Center for Education and Research in Information Assurance (CERIAS) accredited Security Labs in the Department of Computer Science at UNC.

The grant was awarded to Dr Sean Thorpe, Senior Lecturer in Computer Security and Digital Forensics, School of Computing and Information Technology (SCIT) and Mr Kedrian James, Lecturer, SCIT, to develop new research competencies at the graduate level in Information Security. Mr Kedrian James commenced his research activities at UNC on January 30, 2015.

### **SCIT Graduate Student wins American National Science Foundation Travel Grant for Women in Cyber-Security**

Mrs. Delane Wallace - Robinson, first year MSc Information Systems Management graduate student was awarded the American National Science Foundation (NFS) Travel Grant to attend the 2nd National Women in Cyber-security conference held March 27 – 28, 2015 in Atlanta, Georgia, USA. The award supports exposure for talented female graduate student researchers in cyber-security worldwide.

### **UTech, Jamaica/SCIT Sapna Team Placed 2nd in Software Development Competition at UWI**

On March 6, 2015, the UTech, Jamaica Sapna Initiative, a student professional development unit in the School of Computing and Information Technology (SCIT), placed second in the Developing the Caribbean hackathon. The duration of the hackathon was 24 hours. UTech, Jamaica/Sapna entered two teams competing against teams from UWI, NCU and professional software developers. Both teams developed very innovative apps. The UTech, Jamaica/SCIT team dubbed "Sapna Excalibur" placed 2nd in the competition and won a prize of \$50,000. They were the only University team that placed in the competition.

### **FENC students shine at IEEE Southeastern Conference 2015**

The Faculty of Engineering and Computing student team represented the University at the Annual IEEE SoutheastCon 2015 conference in Florida, USA. They won first place in Webpage competition and were finalists in the Ethics and Software Competitions.

### **ICT Seminar**

The SCIT graduate office hosted its annual ICT Seminar at the Technology Innovation Centre on December 2, 2014 under the theme "Regulating the ICT Industry and its Effects on Growth and Development". The opening address was given by Hon. Phillip Paulwell, Minister of Science, Technology, Energy and Mining. Other speakers included Mr Cecil McCain, Director, Post and Telecommunications, Ministry of Science, Technology, Energy and Mining, Dr Andrew Wheatley, Opposition Spokesperson on Science, ICT and Digital Society Development, Mr Ronald Sutherland, General Manager - FYAH 105. Ms. Ingrid Riley, Executive Director, ConnectiMass and Mr Arnett Campbell, Head, SCIT, UTech, Jamaica.



*Hon. Phillip Paulwell, MP (2nd left) accepts a gift from Prof. Rosalea Hamilton, Vice President, Community Service and Development, UTech, Ja. following his keynote address at a public seminar on Regulating the ICT Industry hosted by the School of Computing and Information Technology (SCIT) at UTech, Ja. on Tuesday, December 2, 2014. Sharing in the pleasant moment (from left) are Mr. Arnett Campbell, Head, SCIT and Dr. Felix Akinladejo, Associate Dean, Graduate Studies Research and Entrepreneurship, Faculty of Engineering and Computing, UTech, Ja.*



### SOE Research and Entrepreneurship Lecture Series

The School of Engineering continued its lecture series. The presentations featured the following areas:

- *The Future of Jamaica in Global Logistics: Opportunities for Innovation, Research and Entrepreneurship.*
  - o Presenters: Miss K. Adair and Miss E. Hayden (Caribbean Maritime Institute) July 2014
- *Manufacturing Industries: Opportunities for Innovation, Research and Entrepreneurship.*
  - o Presenter: Mr Oneil Josephs (Lecturer, Industrial Engineering) August 2014
- *Off Grid Energy Planning – HOMER and RETSCreen.*
  - o Presenter: Mr Mika Korkeakoski (Project Manager of Finland Futures Research Centre) November 2014
- *Futures Studies: Opportunities for Innovation, Research and Entrepreneurship.*
  - o Presenter: Dr Juha Kaskinen (Director of Finland Futures Research Centre) November 2014

to enhance the students’ knowledge of the practical applications of Science, Technology, Engineering and Mathematics (STEM) while providing them with an exciting hands-on learning experience.

Sixty-three (63) students participated in the summer camp which ran in two sessions from July 7-11 and July 21-25, with a closing ceremony held at UTech, Jamaica’s Papine campus, on July 25, 2014. The participants benefitted from instructions on how to build and assemble a mobile robotic platform and the link between renewable energy and robotics, as well as how these can be integrated for national development.

*Kimroy Bailey (left) explains to Hon. Julian Robinson, Minister of State in the Ministry of Science, Technology, Energy and Mining how one of the mobile robotics built by camp participants’ works. The robot was programmed to move away from obstacles and follow an infrared light to obtain solar charge.*



*Dr. Juha Kaskinen, Director of Finland Futures Studies Research Centre, delivering a lecture on “Future Studies: Opportunities for Innovation, Research and Entrepreneurship” hosted by the Faculty of Engineering and Computing on Tuesday, November 25, 2014 at the Faculty’s conference room, UTech, Ja. Papine campus.*

UTech, Jamaica hosted the first Summer Programme in Robotics and Renewable Energy for high school students (UTech, Ja./Kimroy Bailey Robotics Summer Camp). The one-week Science, Robotics and Renewable Energy Summer camp was designed

### Entrepreneurial Ventures

Project management and short courses provided a significant income stream for the Faculty.



# FACULTY OF ENGINEERING AND COMPUTING *CONT'D*

## Project Management

In the period under review, the Faculty tendered for management of thirteen (13) projects from which eight (8) successful bids earned \$11,496,484.00 . Of note were the following contracts:

- Provision of onsite training in pneumatics and programmable logic controllers for participants in St Kitts.
- The joint Caribbean Regional Fund for Wastewater Management, National Water Commission contract to develop a wastewater management programme for the Caribbean and provide wastewater operator training for NWC plant operators.

## Short Courses

Seven short professional courses covering Air Conditioning and Refrigeration, Introduction to Energy Efficiency Audits, Water and Wastewater Operators, Programmable Logic Controllers, Basic and Advanced Standby Generators provided income of \$11,659,750.00. A total of 124 persons were trained as part of these short courses

## LOCAL AND INTERNATIONAL LINKAGES AND COLLABORATIONS

### The PROCEED Caribbean Project

The Faculty is a partner in the Promotion of Capacity and Energy Education Development in the Caribbean Region (PROCEED CARIBBEAN) project. The Lead partner is the University of Turku, Finland Futures Research Centre (FFRC) and other partners include The University of the West Indies, Cave Hill and Mona Campuses and the University of Oriente, Cuba.

### University of Miami Research Fellowship

Mr Julian Jarrett, Lecturer, SCIT, was the first beneficiary of a research fellowship funded by

University of Miami's Graduate School, which is the outcome of a MOU between UTech, Jamaica./SCIT and University of Miami.

### University of Prince Edward Island (UPEI)

The University of Prince Edward Island (UPEI) and the University of Technology, Jamaica/SCIT signed a MOU in May 2014 to enhance the educational experience and cross-cultural understanding of students and faculty of both institutions.

### Saint Mary's University (SMU)

Through a MOU signed in January 2015 UTech, Jamaica/SCIT forged an institutional relationship with SMU, Canada, to cooperate and share information for five (5) years in areas of joint interest.

A partnership has been forged between Saint Mary's University and UTech, Jamaica to develop future business leaders in ICT, biotechnology and consumer analytics. Over the next four years, UTech, Jamaica, Jamaica will receive ten (10) students from SMU and SMU will receive five (5) students from UTech,



*Dr Sean Thorpe, Dr Dawn Jutla (1st & 2nd Left) and SMU students.*

Jamaica. These scholars will each undertake, study, research or internship for a specified duration between



three months to two years. The partnership is led by Dr Dawn Jutla, Director of the Master of Technology Entrepreneurship and Innovation (MTEI) program at the Sobey School of Business and Dr Sean Thorpe, University of Technology, Jamaica - Director of Graduate Studies in Computing for the Faculty of Engineering and Computing. The partnership is funded under the Queen Elizabeth II Diamond Jubilee Scholarship programme.

#### **Universal Services Fund (USF) - Scholarship**

In July 2014 SCIT-Graduate Studies established a partnership with the Universal Services Fund (USF) to support one MSc ISM student on a full scholarship for the duration of the course of study. The USF scholarship will be awarded bi-annually.

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# FACULTY OF LAW



**Mr. Alfred McPherson**

Dean

The Faculty of Law continues to provide its students with legal education of the highest standard even as it prepares to fully embrace technological advancements.

### **Graduates Performance at the Norman Manley Law School (NMLS)**

The second cohort of graduates from the Faculty of Law graduated from the NMLS in September 2014. It is noteworthy that this group of graduates consisted of forty (40) students who were successful in gaining admission to the Law School in 2012.

Of this number, nine (9) UTech, Jamaica, Jamaica graduates were placed on the Principal's Honour Roll from a group of twenty-one (21) that were accorded this distinction. This underlines the positive impact of UTech, Jamaica Jamaica's Faculty of Law.

### **Accreditation**

Both the Application and Self Study documents have been submitted to the Office of Curriculum Development and Evaluation for review, as a precursor to perfecting and completing the documents for submission to the University Council of Jamaica for accreditation.

### **Book Donations**

The Jamaican Bar Association (JAMBAR) donated books valued at approximately \$400,000.00 to the Faculty of Law. The books were handed over to the

Faculty by JAMBAR President, Mr Donovan Walker, on February 11, 2015.



*From left, Ms. Sherry-Ann McGreggor, Vice-President, Jamaica Bar Association, Mr. Alfred McPherson, Dean, Faculty of Law, UTech, Mr. Arthur Compass, Faculty of Law student representative and Mr. Donovan Walker, President, Jamaica Bar Association pose with a collection of books donated by the Association to the Faculty on Wednesday, February 11, 2015 during a special handing over ceremony held at UTech, Ja.'s Papine campus.*



## Faculty Awards



*The Student of the Year awards went to Tracy-Ann Young of the Papine campus and Jamila Maitland of the Western campus. The students receive their awards from Mr. Alfred Mchpherson, Dean.*

## Legal Advice Centre

Under the guidance of Prof. Kent Pantry, the Legal Advice Centre continues to strengthen its mission in providing advice free of cost to members of the University and the wider community, particularly within the locality of the University. The Centre also serves as a training facility for law students on practical aspects of the law. The Legal Advice Centre operates on Mondays, Wednesdays, and Fridays from 1:30 pm–4:00 pm.



# FACULTY OF SCIENCE AND SPORT

**School of Natural and Applied Sciences**

**School of Mathematics and Statistics**

**Caribbean School of Sport Sciences**

**Centre for Science-Based Research Entrepreneurship and Continuing Studies**



**Prof. Colin Gyles**

*Dean*

*(Promoted to Deputy President,  
wef January 5, 2015)*



**Dr. Beverley Myers**

**Vice Dean**

*Vice Dean*

*(Appointed as Acting Dean,  
wef January 5, 2015)*

The Faculty of Science and Sport (FOSS) comprises the School of Natural and Applied Sciences (SONAS), the School of Mathematics and Statistics (SOMAS), the Caribbean School of Sport Sciences (CSOSS), and the Centre for Science-based Research, Entrepreneurship and Continuing Studies (CSRECS). Together these entities provide educational opportunities, research, and consultancy services related to the application of science and technology to the educational, industrial, business, health and sport sectors.

The Faculty offers courses of study at both undergraduate and graduate levels and delivers science, mathematics and sport elective modules for all courses of study across the University. The Faculty delivers seven (7) undergraduate courses of study and three (3) Postgraduate courses of study.

## Research Projects

**Microbial Diversity in Water Bodies Associated with the Riverton Landfill** (Dr Aneisha Collins-Fairclough – Principal Investigator)

This project seeks to identify the microbial diversity present at the Riverton landfill, located in the parish of St Andrew, Jamaica. Funding for the project has been obtained from the Research Development Fund (RDF) at UTech, Jamaica. This project is being housed and supported by the Natural Products Research Laboratory (NPRL).

**Investigation of Dolphin-Fisher Interactions in Jamaica and the Impact of Dolphins on Fishing in Jamaica** (Miss Christine O’Sullivan – Principal Investigator)





The project will investigate and will also start a photo-identification catalogue for dolphins in Jamaica. Funding was obtained from the Research Development Fund at UTech, Jamaica, the Society for Marine Mammalogy and the United States Marine Mammal Commission.

**Integrated Optics and Photonics Laboratory** (Mr Maurice McGlashan-Powell—Principal Investigator)

The Integrated Optics and Photonics Laboratory was established in June 2010 at the main faculty buildings at 235 Old Hope Road. This laboratory is aimed at strengthening the research and teaching capabilities at the university in integrated optics, photonics and experimental physics. However, the building out of the lab remains a work in progress.

Mr McGlashan-Powell produced three patents during the review period.

1. Multi-node system network with optical switches; US patent number 8977124; Type: Grant; Filed: May 10, 2012; Issued: March 10, 2015; Assignee: International Business Machines Corporation; Inventors: McGlashan-Powell, Valentine Salapura
2. Curvilinear Heat spreader/lid with improved heat dissipation; US patent number 8877566; Type: Grant; Filed: August 15, 2012; Issued: November 4, 2014; Assignee: International Business Machines Corporation; Inventors: Michael A. Gaynes, Maurice McGlashan-Powell, Soojae Park, Edward J. Yarmchuk
3. Magneto-Optical Logic Devices And Computation; Application number: 20140169790; Type: Application; Filed: July 2, 2013; Issued: June 19, 2014; Inventor: Maurice McGlashan-Powell

**Natural Products Research Laboratory** (Dr Andrew Lamm – Principal Investigator)

The Natural Products Laboratory was established in the School of Natural and Applied Sciences with funding obtained from the UNDP Global Environment Facility-Small Grants Programme (GEF-SGP) and the Environmental Foundation of Jamaica between July 2010 and March 2012. The lab supports undergraduate student research projects from FOSS,

COHS and FENC as well as several faculty research projects. The recent expansion of the NPRL which was led by Dr Andrew Lamm, has seen the lab space triple in size. Dr Lamm and the NPRL are a crucial part of the Cannabis Collaboration Group at UTech, Jamaica, charged with managing all aspects of the University's marijuana research licenses, its internal and external collaborations along with revenue generation and outreach.

**INVOCAB Project** (Dr Andrew Lamm, Senior Expert)

The European Union (EU) African, Caribbean, Pacific Science and Technology (ACP SandT II) funded project, titled "INVOCAB - Improving Innovation Capacities in the Caribbean" is a collaboration between the Scientific Research Council (SRC); National Institute of Higher Education, Science and Technology (NIHERST); Mico University College; Ministry of Education and UTech, Jamaica. This project was created to improve innovation in selected schools in the Caribbean through a targeted 16 primary and secondary schools, eight (8) each in Trinidad and Tobago and Jamaica.

**Public Lecture**

The Environmental Sciences Division presented a panel discussion on October 16, 2014 titled "Family Farming: Feeding the world, caring for the earth" which featured Dr Jerome Thomas from the UN Food and Agriculture Organization, Ms Nicola Shirley Phillips from the Source Farm Foundation and Messrs Ceretsie Campbell and Raymond Martin from UTech, Jamaica.

**4th Annual Sports Conference**

The 4th Annual Caribbean Conference on Sport Science was held on Friday April 11, 2014 at the Jamaica Pegasus Hotel under the theme under "Promoting Sustainable Development in Sport through Science and Research". The keynote speaker for the conference was Dr Richard Godfrey, Sport Scientist of Brunel University in London, who has conducted extensive research in the field of human performance and coaching education.

**Scientific Conference**

The Faculty's 3rd International Scientific Conference was held June 25 – 27, 2014 under the theme "Climate Change and Environmental Responsibility: What is



## FACULTY OF SCIENCE AND SPORT CONT'D

the Way Forward?” The plenary lecture was given by Professor Emeritus Abraham Anthony Chen from the University of the West Indies’ Mona Campus and its title was “Mitigation of Climate Change: Report of Working Group III, IPCC 5th Assessment and Implications for Jamaica”.

Eighteen (18) presenters, including one each from Suriname and Australia contributed to seven (7) scientific sessions.

### Linkages

For the period under review, UTech, Jamaica continued collaboration with the Jamaica Football Federation (JFF) to deliver football coaching courses. Five (5) courses were held affecting over 130 coaches.

Partnership with Netball Jamaica also continued, with the Caribbean School of Sport Sciences hosting the 3rd Cohort for the UTech, Jamaica/NJ Netball Coaching Course at the Papine Campus. The 60-hour course conducted over six weekends, ran from September to November 2014 at the end of which 14 participants were certified.



*Prof. Emeritus Abraham Anthony Chen of the Climate Studies Group, Department of Physics, University of the West Indies (UWI) Mona delivering the keynote address at the 3rd International Scientific Conference hosted by the Faculty of Science and Sport, UTech, Ja. on Wednesday, June 25, 2014 at its Papine campus.*



# FACULTY OF THE BUILT ENVIRONMENT



**Dr. Carol Archer**

*Dean*

## Caribbean School of Architecture School of Building and Land Management

The Faculty of The Built Environment currently offers eight undergraduate courses of study and two graduate courses of study. Development of a MPhil/Doctoral programme continues.

### Accreditation

The accreditation/re-accreditation of courses of study within the FOBE remains a top priority for the faculty. Measures are in place to ensure that during the next review period applications for accreditation will be made for most of the courses of study and the necessary preparatory work is well advanced.

### Co-operative Education Activities

Co-operative education is an important element in the curricula for most of the courses of study in the FOBE. Students in the QS division are attached to Quantity Surveying and related firms for an entire semester to gain valuable industry experience in areas directly related to their course of study. This is also the case for students in the Land Economy and Valuation Surveying (LEVS) course of study. Students in the Surveying and Geographic Information Sciences (SGIS) course are attached to surveyors in the public and private sectors for exposure in particular areas that mirror the professional requirements in that discipline. For the academic year 2014/15, twenty Urban and Regional Planning (URP) students are placed at different land related agencies in Jamaica. The current interns are

gaining invaluable experience in the fields of disaster management, transportation planning, local government planning, community development planning, urban design, community planning, environmental planning and energy planning.

### Land Surveying Practicum Exercises

The Land Surveying Practicum exercises continued with students executing surveys in Negril, Westmoreland



*Dr. Garfield Young (centre), Lecturer/Programme Director, Land Surveying and Geographic Information Systems Division in the School of Building and Land Management, UTech, Jamaica instructs students during a land surveying assignment.*



# FACULTY OF THE BUILT ENVIRONMENT CONT'D

and in several locations in Kingston and St Andrew. During the academic year 2014/15, the LSGIS Division presented topographical plans to the Professional Development Institute in Kingston and to three schools in the wider Negril area.

The division continues to make a significant contribution to community development through the extensive surveys carried out by students in the practicum exercises. In the summer 2015 practicum exercises, the first year students, in addition to surveys of schools, will conduct an extensive beach survey as the beginning of a longitudinal study of the beach erosion along the historic Negril beach. The information from this study will be of great value to the work of the Natural Resources and Conservation Authority (NRCA) and the many stakeholders in the tourism sector.

## REGIONAL STUDY TOURS

### Caribbean School of Architecture (CSA)

The regional study tours are an important initiative of the CSA as they provide the students and accompanying faculty members with not just professional knowledge and experience but also cultural exposure and the possibility of widening their social network. The tours also serve as an excellent promotional opportunity for the CSA and its courses of study. Many linkages are established for continued collaborations with these institutions through exchanges in both the undergraduate and graduate programmes, and for possible student internships.

### AS3 Study Tour 2015

Colonial City of Santo Domingo Dominican Republic, - February 5, 2015

Forty Students in Year 3 of the undergraduate programme participated in the AS3 Study Tour of the historic World Heritage Colonial City of Santo Domingo in the Dominican Republic from February 22nd to February 2015. They were accompanied by Studio Tutors, Arch. Franz Joseph Repole and Arch.

Julie Jones. While there, the Caribbean School of Architecture collaborated with four entities: the School of Architecture --Facultat de Arquitectura y Artes Universidad Nacional Pedro Henriquez Ureña (UNPHU); Centro de Altos Estudios Humanisticos y del Idioma; Municipal offices of Patrimonio Cultural Inmueble y Centro Historico, Ayuntamiento del Distrito Nacional Santo Domingo; and Dominican Republic ICOMOS. Arch Repole gave a lecture on the history and success of CSA Study Tours at the Facultat de Arquitectura y Arte. Head of School, Arch Dr Patricia Green, who also joined the group, was invited by the Centro de Altos to give a public lecture on Caribbean Vernacular Architecture.

### AS4 Study Tour 2015

San Jose in Costa Rica between February 1st and 15th 2015



*At left, Architecture students make a presentation during a study tour of the city of San Jose in Costa Rica hosted by the Caribbean School of Architecture, UTech, Jamaica from February 1 - 15, 2015. Pictured at right, 4th year Architecture student, Hopeton Bailey (right) presents a painting to Mrs. Elizabeth Fonseca Corrales (left), Minister of Culture and Youth, Costa Rica. Looking on is Dr. Patricia Green, Head, Caribbean School of Architecture, UTech, Jamaica.*

Twenty-one students in Year 4 of the Undergraduate Programme participated in the AS4 Study Tour of the historic centre of the city of San Jose in Costa Rica between February 1st and 15th 2015. Studio Tutors,



Arch Jacquiann Lawton and Arch Garfield Wood accompanied them. Head of School Arch Dr Patricia Green joined the group for a part of the time. The students also visited the Instituto de Arquitectura Tropical of Costa Rican Arch Bruno Stagno. The Caribbean School of Architecture collaborated with four entities, the School of Architecture --Escuela de Arquitectura, Universidad de Costa Rica; Ministerio de Cultural y Juventud; La Comisión Nacional de Patrimoni Historico de Costa Rica; and Costa Rica ICOMOS.

**AS4 Local Study Tour 2015**

Annotto Bay, St Mary in Jamaica between February 1st and 15th 2015

Eleven students from Year 4 of the Undergraduate Programme participated in the Jamaica AS4 Study Tour component in the town of Annotto Bay, St Mary between February 1st and 15th 2015. This enhanced pre-requisite teaching and learning methods for observing a city and drawing these observations in ways that communicate the spatiality of urban form. The broad aims were to identify the urban elements of a rural town, document

the unique qualities of its architecture, and reflect on the development needs of the town given its physical attributes. Studio Tutors Arch Robert Fuller, Arch Brian Bernal,



Arch Desmond Hayle, and landscape architect Mark Martin accompanied this tour. The Caribbean School of Architecture worked with the wider Community of Annotto Bay especially the Annotto Bay Community Development and Environment Association in collaboration with the St Mary Parish Council, also the Office of Disaster Preparedness and Emergency Management (ODPEM).

**MAI Study Tour 2015:**

Old Havana and its Fortification System, Cuba, April 10th - 24th 2015

Three graduate students in the first year of the Masters Programme visited the World heritage site of Old Havana and its Fortification System in Cuba from April 10th to 24th 2015 to study the city with reference to climate, assemblage and varying contexts to include historical, social, economic, political and cultural, while attempting to unravel the interactions between the city and how its inhabitants live, work and play. Studio Tutors, Arch Cheryl Pouchet and Arch Christopher Wymm-Stone, accompanied them at varying times. For this, the CSA collaborated with three institutions, Colegio Universitario de San Gerónimo, Habana Vieja; Office of the City Historian of Havana; and Cuba ICOMOS.

**School of Building and Land Management**

**MSc Built Environment**

The MSc. BE candidates went on a four-island (Antigua, Montserrat, Dominica, Barbados) tour during the period May 4 – 17, 2014. The tour of Barbados culminated with a presentation by students and lecturer, Jacqueline Douglas-Brown at the Caribbean Urban Forum (CUF). Presentation Topic - Towards Safe Placemaking: Demonstrating the Use of Urban Design Elements to Enhance Safety in a University Town, Papine, Jamaica.

**Surveying Equipment Donation**

The student-led Land Surveying Club, UTech, Jamaica made a generous donation of three automatic levels and three levelling staves to the Faculty of the Built Environment, UTech, Jamaica. This valuable gift was the brain-child of the faculty representative for the club, Mr Alvin Clarke, who himself donated a total station and an automatic level. The new instruments represent a significant addition to the under-resourced Surveying Equipment Store.

**Continuing Education Courses**

The LEVS division continues to offer the professional Real Estate Salesman 100 hours/4 weeks (full time) course. A number of other short professional courses were also delivered



# FACULTY OF THE BUILT ENVIRONMENT CONT'D

## LINKAGES AND COLLABORATIONS

The Faculty of The Built Environment collaborates with the University of the West Indies on the Caribbean Energy Efficiency Project.

The Caribbean Network on Urban and Land Management (CNULM) of the University of the West Indies, St Augustine campus (UWI) brings together universities, agencies and organizations involved in Urban and Land Management across the region. It does so by participating in a range of projects and actions that foster inter-agency communication and cross-disciplinary exchanges.

The latest project to be initiated by CNULM is an ACP/EDULINK 11 project entitled Mainstreaming Energy Efficiency and Climate Change in Built Environment Training and Research in Caribbean (CarEnTrain). The project, which began in October 2013 will run for a period of 42 months, and will include the University of Technology, as one of several implementing partners. The overall objective of the project is to improve energy security in the Caribbean and mitigate climate change by reducing the consumption of energy resulting from urban sprawl, inefficient transport system and

improving energy efficiency of building. It is projected that an additional long-term benefit will be increased collaboration between faculties of regional universities, increased regional and international policy dialogue on 'pro-people' urban energy policy, and energy-sensitized universities management policies. The UTech, Jamaica team is led by Dr Carol Archer.

### Awardees of Lincoln Fellowship

Members of the faculty were awarded the 2014 David C. Lincoln Fellowship in Land Value Taxation for research on Property Tax compliance. The David C. Lincoln Fellowship in Land Value Taxation (LVT) was established in 1999 to develop academic and professional interest in this area through the support of major research projects. The ultimate aim of the project is to increase property tax compliance in Jamaica.

### Annual Faculty Awards

The Faculty's Awards ceremony was held on March 26, 2015 on the Lawns of the Faculty. Special awards were presented to seventy-eight (78) students, twenty-four (24) of whom were on the Dean's list. Awards were also presented to seven (7) distinguished part-time members of staff who served the Faculty/School for a number of years in different capacities.



*Students of the Year: Left, Mr. Ryan Dyer (centre) is all smiles having copped the E. Nadine Isaacs Architect Limited Award for the Caribbean School of Architecture Student of the Year at the Faculty's Annual Awards ceremony held on Thursday, March 26, 2014. Dr. Patricia Green, Head, Caribbean School of Architecture presents the award while Mr. David Cuthbert, Programme Director for the B.A. Arch. Studies (BAAS) programme shares in the presentation. At right, Dr. Carol Archer, outgoing Dean of the Faculty of The Built Environment, University of Technology, Jamaica (UTech, Ja.) presents multiple award winner Mr. Joel Trotman with the Jentech Award for Student of the Year for the School of Building and Land Management.*



Highlights of the evening included the Dean's announcement of a pledge from the Masterbuilders Association of Jamaica to provide scholarships/bursaries to the sum of \$300,000 and the introduction of a new award, the Conroy Jacobs Award for Outstanding Performance in the GIS module, for 3rd year URP students.



*Mr. Laurence Neufville (1st right), Head, UTech, Ja.'s School of Building and Land Management and Dr. Garfield Young (2nd right), Lecturer/Programme Director, UTech, Ja.'s LSGIS programme pose for a photo with students of the LSGIS division who won the University's Research Poster competition held on Research, Technology and Innovation Day 2015.*



*Mr. L. Mark Taylor (right), Vice Dean, Faculty of The Built Environment, University of Technology, Jamaica (UTech) discussing a student's exhibit with architect Mr. Raymond McIntyre during the opening of the annual Caribbean School of Architecture End of Year Student Exhibition held on Thursday, May 15, 2014 at the UTech Ja. Papine campus.*



## WESTERN CAMPUS



**Pro. Geraldene Hodelin, OD**  
**Principal (Acting)**

*(Resigned wef January, 12. 2015)*



**Dr. Joseph Grannum**  
**Western Campus Coordinator**

*(wef January 12, 2015)*

The Western Campus remains one of the University's key strategies for expanding course offerings and increasing access to quality tertiary level programmes in western Jamaica. The Campus currently offers graduate, undergraduate and pre-university courses in addition to professional and continuing studies offered through partnerships with colleges and faculties at the Papine campus. The Western Campus is comprised of the following locations:

- Western Campus Head Office - located at 9 Market St in Falmouth, Trelawny
- Dome Building - located at 17 Dome Street, Montego Bay, St James
- Barnett Clinic/Caribbean School of Nursing - located at 2 Cottage Close, Montego Bay, St James

### **Community Involvement**

Students and staff participated in the annual Mo Bay City Run a collaborative initiative which included tertiary level institutions across the western region of the island. The proceeds of this venture are in aid of needy students within these institutions.

The Caribbean School of Nursing participated in several community service events. These included the

annual volunteer project with the Community for the Upliftment of the Mentally Ill (CUMI) held September 20, 2014 at Tryall Club Hanover; Health Fairs and Expos hosted by the Diabetes Association of Jamaica, the Lion's Club of Montego Bay and the MoBay City Run 5k Run/ Walk.

UTech, Jamaica students were also recipients of Scholarships from the MoBay City Run for the academic year 2014-15 and from the Rotary Club of Montego Bay.

### **Student Achievement**

Students in the West have also distinguished themselves through their academic and non-academic achievements and by participating in or spearheading various projects.

Illeania Barclay-Whittingham was a panellist in the University Council of Jamaica's students forum themed "Strategies to Enhance the Student Learning Experience" held in Montego Bay on March 13, 2015.

Akwayne Sylvester was the first recipient of a Wisynco scholarship inclusive of internship as brand ambassador. The scholarship was open to all tertiary level students in the West.





The annual Caribbean School of Nursing, Striping Ceremony was successfully staged in the West for the first time on March 13, 2015. Approximately sixty

Nursing students were awarded stripes for exemplary academic performance and conduct.



*Prof. Geraldene Hodelin, Acting Principal, welcomes new students to the UTech Ja. Western campus at the Academic Induction Ceremony held on Wednesday, August 20, 2014 at St. John's Methodist Church, Montego Bay, St. James.*



## PLANNING AND OPERATIONS DIVISION



**Dr. Kofi Nkrumah-Young**

*Vice President*

The Planning and Operations Division facilitates, coordinates and guides UTech, Jamaica's strategic planning process as well as annual operational planning. Additionally, the Division oversees the execution of capacity building and institutional enhancement projects relating to the physical plant. The following units comprise the Division: Planning and Projects, Institutional Research, Project Management Unit and Facilities Management Department.

### **Planning and Institutional Research**

The 2014 Executive Management Retreat was successfully concluded in July and on the basis of its discussions and conclusions, a two-year strategic operational plan was developed for the period 2015-2017.

The Department is responsible for the monitoring and evaluation phase of the planning process as well as the mining and analysis of student data from various institutional research projects, for example, the 2014 Graduate Perception Study.

### **UTech, Jamaica Enhancement Project**

The Division continues to manage the US\$40 million UTech, Jamaica Enhancement Project, the multi-year project, initiated in 2008, to enhance UTech, Jamaica's capacity to provide quality level education through expansion and upgrading of the facilities, further development of staff, and improved financial

sustainability. The two main components to the project are construction and institutional strengthening. The project is funded by the Government of Jamaica, through a Caribbean Development Bank loan, and UTech, Jamaica counterpart funding.

### **NWC / UTECH Sewage Disposal**

Following receipt of KSAC Outline Planning Permission for the UTECH Enhancement Project and other campus developments and a subsequent joint KSAC/NEPA meeting, detailed information has been prepared by consultants prior to submission for full planning permission. The up-dated Campus Master Plan was prepared, including revised and new car-parking areas and an NWA-approved Old Hope Road traffic lights installation for entry and egress.

The NWC and UTech have signed an agreement whereby both organizations will collaborate to implement a project involving the extension of the NWC public sewer system to facilitate connection of the UTech facilities. The Capital Works will cost an estimated J\$70M of which UTech will contribute J\$31M. The sum of J\$15.5M was paid upon the signing of the agreement and the balance will be payable on confirmation that a contract for the works is awarded. The NWC has tendered the project and the execution of the works is awaiting approval of the contract. The connection with the UTech system and



the public sewer is left to be done by December 2015.

### **Campus Electrical Distribution Upgrade**

This project involves the installation of a new 24kVa high-voltage supply and distribution system around the campus with transformers and selected security lighting to meet existing and future power requirements. The routing and technical specifications for the project were reviewed, re-measured and re-scoped. The installation of the upgraded line was completed on March 21, 2015 and the project now awaits commissioning pending approval of new metering from the JPS.

### **Residential Hall Expansion**

The female hall of residence Amy Jacques Garvey Hall was renovated and expanded. This project commenced on April 22, 2013 and was executed by the contractor Sharecon Construction Limited at a cost of \$78,362,560; the duration of the contract was thirty-four (34) weeks. At the end of the expansion the facility boast, seventeen new dorm rooms, a computer room, two kitchenettes, two new Resident Manager's quarters, a Lobby/waiting area and new bathrooms.

### **Dennis Johnson Halls of Residence**

The Dennis Johnson Hall of Residence was renovated and expanded to provide a better facility that provided accommodation in a more structured and convenient way. This project was executed by Sharecon Limited at a cost of \$80,646,366 which commenced on March 29, 2013. The design affords the following amenities, Resident Manager's Quarters, Reception Area, 3 Kitchens, Administrative Office, Common Dining Area, Laundry Room, 1 Bedroom Suite, Living Area & Foyer, Computer Room, Massage Therapy Sauna, Expansive Balconies, 9 Dormitory Quarters, Recreational Areas and restrooms.



*Renovated halls of residence*



## DIVISION OF COMMUNITY SERVICE AND DEVELOPMENT



**Prof. Rosalea Hamilton**

*Vice President*

The Division of Community Service and Development has the critical role of facilitating service learning and community development and service. The division also collaborates with key community partners, providing institutional support to community initiatives and undertaking innovative community initiatives with national and international impact.

In addition, the division serves the University over 10,000 undergraduates, who during their first year, are provided with service opportunities to complement their academic experience. The department is the “voice” of the university in the community which includes the non-Papine campus locations in Kingston, Montego Bay and the CSP1001 programme in the Community Colleges who conduct university franchise programmes.

### **“UTECH CARES” Project**

The division continued to implement the UTech, Jamaica Cares Project, which had commenced in September 2013, with grant funding from the USAID. This project was implemented as a follow up to an EU-supported initiative aimed at expanding the limits of tolerance and respect at

UTech, Jamaica following an incidence of mob violence. With three major components, of i) improving attitudes; ii) integrating core values; and iii) building awareness,

the major objectives were to raise visibility of issues related to respect, tolerance and diversity, as well as to strengthen the role of the protection of human rights in society. The main outputs of the project were as follows:

- Song on Respect and Tolerance - written by Mr Coswell Duncan (UTech, Jamaica Music Tutor) and Mr Grub Cooper ( Musician)
- Bookmarker Project – bookmakers designed with a message inspired by the theme “Respect and Tolerance for Diversity”
- Seminars on Stigma and Discrimination
- Publication of twenty (20) student articles
- Public Service Announcement (PSA) video - developed for Human Rights Day
- Erection of sculpture and mural
- UTech, Jamaica Cares Survey
- Essence of Humanities (Ubuntu) Award June 2014: This humanitarian award honoured twenty-one unsung heroes from across the island, who, through their work have brought out the best in others around them.

The UTech, Jamaica Cares project came to an end in



Ms. Denise Herbol, Mission Director, United States Agency for International Development (USAID) addressing the UTech Cares Closing Ceremony held on Wednesday, October 22, 2014 at the University of Technology, Jamaica (UTech). The Project team seated at the head table from left are Dr. Rohan Lewis, Dean, Faculty of Education and Liberal Studies, Dr. Ellen Campbell-Grizzle, Dean College of Health Sciences and Prof. Rosalea Hamilton, Vice President, Community Service and Development.

October, 2014, and the closing ceremony on October 22 was the occasion to share the outcomes of the interventions, lessons learnt and way forward. Findings of the UTech, Jamaica Cares online survey which was conducted among UTech, Jamaica, staff and students in September 2014 revealed that nearly 80% of the respondents had a positive view of the Project.

**THE UBUNTU PRINCIPLE – ‘I AM BECAUSE YOU ARE’**

Following the Essence of Humanity Awards, the concept of Ubuntu was embraced, as being completely aligned with the University’s 40-odd year old commitment to community service. The Division led the establishment of an Ubuntu Group to achieve early and effective stakeholder participation in the development of a core strategy around the Ubuntu philosophy, and to address and identify potential options for infusing the philosophy into University life.

To this end a retreat and planning workshop held

in December 2014, under the theme: “Ubuntu – An Approach to Rethinking Community Service and Development at UTech, Jamaica” provide an opportunity for careful reflection of the aims and objectives of the Ubuntu Group and plan activities for 2015. The meeting also provided an opportunity for outstanding CSP students, CSP tutors, and members of the Ubuntu Group to deepen their understanding of how to use UBUNTU to improve community service and development.

**Community Development and Engagement**

In the area of community development, the work of the division continued to impact several key communities, including Hope Tavern, Irish Town, and other communities in the Papine Development Area, as well as other communities such as Mountain View, Harbour View, Browns Town, amongst others.

Stakeholders’ consultations continued on the



“UTech Cares” Project organizers Dr. Rohan Lewis (left), Dean, Faculty of Education and Liberal Studies, Dr. Ellen Campbell-Grizzle, (2nd left), Dean College of Health Sciences and Prof. Rosalea Hamilton (right) Vice President, Community Service and Development pose with recipients of the inaugural UTech Ubuntu Awards presented at a special awards ceremony held Sunday, June 29, 2014 at the Technology Innovation Centre (TIC) Courtyard, UTech, Ja. Papine campus.



## DIVISION OF COMMUNITY SERVICE AND DEVELOPMENT CONT'D

development of the “University Town”, following the completion of the concept document. Collaboration with Hope Estate Educational Partners (HEEP), continued as HEEP worked towards enhancing the well-being of persons with disabilities.

The “Saturday University” initiative for community GSAT, GNAT, and CSEC students was held and the annual summer “Teach the Youth” programme of the Students Union was completed. Both of these programmes benefitted students in the Papine Development Area of East Rural St Andrew, Highlight View, Hope Tavern, Kintyre and August Town.

### **Business/Culture/Study Tour to China**

During the reporting period, the VP who is also Professor in the Scotiabank Chair in Entrepreneurship and Development led a small team on a Business/Study/Culture Tour to China. The team comprised educators, representatives from the private sector / business community, as well as representatives from the music and cultural industry.

The aim of the tour was to facilitate greater understanding of the Chinese business, education and cultural environments, highlight opportunities for the University in particular and by extension, the country, for closer cooperation and exchanges in culture, education, economy and trade.

A post-tour debriefing was made to the UTech, Jamaica, Ja. community and a second was held for the external community. For the latter, the Scotiabank Chair partnered with JAMPRO, LASCO, WorldNet, and CPTC to stage a debriefing on July 29, 2014, at the JAMPRO auditorium to over 150 persons. Guests included representatives from the Ministries of Industry, Investment and Commerce, Education, Foreign Affairs, and Culture, as well as representatives from the Chinese Embassy, the Jamaica-China Friendship Association, and the Chinese Benevolent Association.

The major outcome of the tour for the University centred on collaboration activities with Sias International University.



*Professor Rosalea Hamilton, Vice President - Community Service and Development, shares an overview of the outcomes of the visit to China at a special debriefing session on Tuesday, July 29, 2014 at the JAMPRO Business Auditorium, Kingston.*

### **THE UTECH, JAMAICA “THINK TANK”**

In October 2014 the Office of Community Service and Development established a Think Tank Group to organise and encourage public debate on important issues of national interest. Appropriately, since it was at the height of the chikungunya epidemic, the Think Tank’s first activity was to host a panel discussion entitled “ChikV and Ebola - What you should know” in collaboration with the College of Health Sciences. This discussion took place during the Nationwide radio outside broadcast on Friday, October 17, 2014. Following this initiative, the Think Tank spearheaded the establishment of a Chik-V Hotline operational through the Poison Information Network, College of Health Sciences in association with Nationwide News Network.

### **COMMUNITY SERVICE**

Community service is provided by students, individual members of staff, academic units and administrative units. Projects range from long-standing and perennial outreach initiatives to bring cheer and caring to the less privileged, to those involving donation or transfer of professional skills. Below are highlights of campus wide community service projects pursued during the reporting period.



### Students' Union

In addition to forty hours of mandatory community service provided by all UTech, Jamaica students in their first year, the Students' Union is responsible for two of the major annual community service events on the University calendar – Tag Drive, and the “Teach the Youth” Summer Programme.

The theme for Teach the Youth 2014 was “Seize Your Dreams – Wake the Hero Within”. A total of six centres were operated in the communities of Sandy Park, August Town, Tavern, Kintyre, Highlight View and Mountain View. The programme was well-supported by student volunteers from UTech, Jamaica as well as from the National Youth Service. The Students' Union received a plaque from Member of Parliament, Mr Andre Hylton in recognition of work that has been done for at risk youth in these communities each year.

The main focus of the Teach the Youth Summer programme was to improve the numeracy and language skills of children between the ages of 5-16 years old, in addition to which the children were treated to motivational workshops, empowerment workshops and conflict resolution workshops. Self-respect and respect for others were the guiding principles of the programme.

### Tag Drive

Tag Drive 2014 undertaken by the Students' Union raised \$600,00. These funds were split amongst three beneficiaries - The Jamaica Foundation for Mental Retardation, The Kidney Support Foundation of Jamaica and the Jamaica Society for the Blind.

### Hope Experimental School

The International students have become increasingly involved over the last three years with the Hope Experimental School where they have been painting a mural depicting various themes of the Caribbean. In 2014 they completed a mural depicting ‘Animals of the Caribbean’, complementing their 2012 and 2013 works, ‘Symbols of the Caribbean’ and ‘Flags of the Caribbean’, respectively.

### Division of Student Services *Reddi's Children Home*

As part of the Division's Annual Community Service Project, the wards of Reddi's Children's home were

taken on a field trip to National Heroes' Park. There were fifteen children, two care givers and the manager of the home in attendance. Five members of staff from the Division of Student Services, and one ancillary support staff became the “Aunties and Uncle” for the tour with the children.

### Department of Student Services - Counselling Unit *Carols in the Park, 2014*

The year 2014 marked the eighth (8th) staging of the “Annual Carols in the Park”. The theme was “Peace, Unity, Love, Respect and Safety in our Communities (P.U.R.L.S)” The event attracted 150 participants from primary and high schools in Kingston and St Andrew as well as from neighbouring communities.



*Students perform at Carols in the Park concert.*

The Victoria Mutual Building Society, UTech, Jamaica Branch, has provided annual sponsorship of refreshments to the participants. Other partners in 2014 were United Theological College of the West Indies, Vocational Training Development Institute (VTDI / HEART-NTA).

### Energy Monitoring, Community Service and Internship

The student energy education initiative through the Energy Monitoring and Auditing Team (EMAT) has succeeded in engaging volunteers to champion the cause of energy efficiency and environmental stewardship on campus and in the community. This group participated in a day of activities on the grounds of the Shady Grove Basic School which included energy talks and activities geared to create awareness to



## DIVISION OF COMMUNITY SERVICE AND DEVELOPMENT CONT'D

change behaviour among the youngest in our society.

### **School of Graduate Studies and Research (SGSRE)**

SGSRE focused its community service initiatives on education and skills transfer and development. The Caribbean Sustainable Energy and Innovation Institute CSEII works closely with the Faculty of Built Environment (FOBE) by facilitating internships during which students are challenged with real assignments that contribute to the development of the institution while fostering their holistic professional growth.

### **College of Health Sciences (COHS)**

The Cynthia Shako Early Childhood Education and Day Care Centre

Both the Cynthia Shako Day Care Centre for Children and the UTech, Jamaica, Jamaica Rehabilitation Centre for Children with Disabilities continued to provide service to both the UTech, Jamaica Community and the Mustard Seed Communities. Children of the Mustard Communities, housed at Sophie's Place were welcomed to the rehabilitation centre where they benefited from stimulation sessions as well as a variety of learning experiences.

Through the aid of the Caribbean Poison Information Network (CARPIN), the College was involved in several initiatives to extend the reach of its public education mission. These included:

- Training of certified pest control operators in Poison Management
- Training of Facility Management Staff on Toxins of Cleaning agents
- A Poison Prevention Seminar in St Thomas with collaborating agencies National Environmental Protection Agency (NEPA), PCA, and the Ministry of Health.
- International Lead Poisoning Week Seminar and community outreach
- Operation of CARPIN Chik V and Ebola Hotline

- Participation in five health fairs.

### **Faculty of Education and Liberal Studies**

#### **School of Technical and Vocational Education (SOTAVE)**

Phase 1 of the AutoCAD Basic Workshop for the Industrial Technology teachers of the Papine High School commenced on Thursday May 15, 2014 and culminated on Thursday June 26. A total of 14 contact hours was utilized to deliver the workshop, which was offered over a 7-week period.

#### **College of Business and Management (COBAM)**

- In November 2014, students from all three schools in the College as well as the Montego Bay Campus visited the Youth With A Mission (YWAM) and provided needed enhancements to the dormitory facilities. The students assisted by staff, painted sections of the dormitories and dining area.
- The School of Business Administration donated household items and provided grooming assistance for residents of Golden Age Home, Vineyard Town on Sunday, 12th April 2014.
- The Accounting Seminar group conducted a community outreach to the SOS Children's Village in Stony Hill on March 29, 2015. Members of faculty and students participated in painting the perimeter wall on the playing field, conducting art and craft classes provided career counselling and treated the children to lunch.
- The Finance and Banking Seminar group along with their facilitators completed a community service project at the Jamaica National Children's Home on March 7, 2015.
- The Events Marketing students (Papine Campus) hosted a luncheon under the theme Autism is a World: Reach, Connect, Empower. A financial donation was given to the association of parents of children with autism. Additionally the Events Marketing students (Western Campus) hosted a cocktail party in support of autism awareness.





# ADVANCEMENT DIVISION



**Mr. Hector Wheeler**  
*Associate Vice President*

- Corporate Communications Unit**
- Marketing Unit**
- Alumni Relations**
- Centre for the Arts**

The Advancement Division strengthens the public image of the University; maintains vibrant and effective communication with the University’s publics, and builds harmonious relations with stakeholders to facilitate successful engagement of support for the University through resource mobilization and activities by various offices or groups. The Division is structured under the Office of President.

### Marketing Plan

The University in collaboration with consultants, OGM Integrated Communications, has developed a comprehensive marketing plan which includes a corporate communication campaign designed to develop and raise the profile of the UTech, Jamaica Brand and promote a sense of belonging among all stakeholders. Several advertising collateral material have been produced for the campaign which includes outdoor, print, television and on-line advertisements. The talents used in the campaign include distinguished UTech, Jamaica alumnu, Hon. Kenny Benjamin, OJ, Mrs. Shelly-Ann Fraser-Pryce, OD and Mr Patrick Hylton, CD.

### Showcasing UTech, Jamaica at the Denbigh Agricultural Show

Seven Colleges/Faculties participated in the annual Denbigh Agricultural Show which was held from Friday, August 1 to Sunday August 3, 2014. Other exhibitors

from the university were the Caribbean Poison Prevention Network, Student Recruitment, Student’s Union and the UTech, Jamaica Academy. Over the three-day period, approximately three thousand six hundred (3,600) persons visited the UTech, Jamaica



*His Excellency the Most Honourable Sir Patrick Linton Allen, ON, Governor-General (4th right) and the Most Hon. P. J. Patterson, ON, PC, (2nd right) former Prime Minister of Jamaica were among the visitors to the UTech booth at Denbigh. Here they listen intently to Mr. Nodley Wright (1st right) Executive Assistant, Faculty of Science and Sport (FOSS), UTech during their visit to the FOSS booth.*

booth. Among the visitors were Governor General the Most Hon. Sir Patrick Allen, ON, GCMG, CD, Former



# ADVANCEMENT DIVISION *CONT'D*

Prime Minister, the Most Hon. P. J. Patterson, ON, and the Minister of Education Hon. Rev. Ronald Thwaites, MP, Senator Robert Montague and President of the Jamaica Agricultural Society, Senator Norman Grant.

### Social Media

The reporting period saw an increase in subscribers on all UTech, Jamaica's Social Media platforms. Twitter - 24% (up from 3,084 to 3,888), Instagram - 270% (up from 615 to 1,641) and Facebook - 67% (up from 5,730 to 9,676). The UTech, Jamaica Social Media pages are constantly updated to provide current news and events aimed at our alumni, current and prospective students and other internal and external stakeholders.

### Memorabilia Sales

\$2.4 million was raised from the sales of UTech, Jamaica memorabilia during the reporting period. This is an increase of \$1.1 million over last year's earnings.

## CORPORATE COMMUNICATIONS

The Corporate Communications Unit manages the communication infrastructure required for keeping staff and customers informed on activities within the organization, and for maintaining effective external communications and media relations, as well as provide public relations, event management and protocol support for the staging of University events

to ensure that these enhance the public image of the institution.

The "UTech, Jamaica Experts" database managed by the Corporate Communications Unit was heavily utilized during the period. Thirty (30) interviews with "UTech, Jamaica Experts" were arranged with print and electronic media houses on various issues of national, regional and international importance. Among the issues discussed were renewable and alternative energy, environmental pollution and research on Cannabis Sativa for medicinal purposes.

Events management/public relations, communication and protocol support services were provided for over 70 University events.

The Corporate Communications Unit prepared and disseminated a steady flow of information on developments at the University, in the form of news releases, press advisories, press invitations, captioned photographs and advertorials. Approximately 71% of news releases were published in the press, used in news casts or published online.

Seven (7) advertorials and newspaper features highlighting academic excellence, service, research and student, faculty and staff achievements were produced and published in The Gleaner and/or the Jamaica Observer.





The monthly online campus newsletter, The UTech, Jamaica Communicator continued to be a major source of news on achievements and developments at the University for our internal and external stakeholders. The publication was made available via the University’s Website, social media pages and dispatched to Alumni, University Council, institutional partners and other key stakeholders.

**ALUMNI RELATIONS OFFICE:**

The Alumni Relations objectives are three-fold

- To connect Alumni to the University
- To connect Alumni to each other and
- To connect Alumni to the current student body

Ongoing and refined data collection and analysis has improved the ability of the Alumni Relations Office to profile alumni according to their skill areas and job titles, which is helpful when the University requires support through sponsorship, subject matter experts or advocacy.

**Connecting Alumni to the University**

During the period the reach and engagement between the University and its Alumni constituents was significantly expanded through a variety of social media and in-person options. Social Media Engagement experienced increases in membership/viewership across all Social Media platforms ranging from 6.1% - 128%, with the highest engagement reflected on Twitter, LinkedIn and the Blog.

The Alumni Relations Office supported the Division of Student Services and Registry with graduation preparation for the Class of 2014. The Office contributed Alumni Association membership applications forms and alumni tokens to the graduation packages and addressed the graduates on the benefits of remaining connected to their alma mater.

Alumni involvement was invited in a variety of situations which provided personal and professional opportunities through which to connect to the University, for example:

- Alumni booth representation in conjunction with the Marketing Department at the Denbigh Agricultural

Show 2014 and Orientation 2013.

- Personal and Professional Development Workshops, Socials, Networking Events, Job Search and Career Management Consultations.
- Support was provided to the alumni affiliates e.g. Alumni Association, Chapters and Special Interest Groups and faculties, by promoting their events to the alumni community and connecting alumni with the affiliates to increase membership.

**Connecting Alumni to Each Other**

The Alumni Office launched an online Job Club on Facebook to foster networking among alumni with interest in job search, personal, professional and business development tips. The club is moderated by alumni volunteers and attracted 400 members. The Office also directly networked alumni with various needs with each other to receive support on various issues, resulting in strengthening of Association, and Chapter support and networking on job opportunities.

**Connecting Alumni to the Student Body**

The Student Services/Alumni Relations joint coordination of the University’s Mentoring Programme proved to be very successful, resulting in the University attracting 120 mentors. This is the first time in the history of the Mentorship Programme that the University has attained and exceeded a 100 mentor cohort.



*Alumni enjoy a game of dominoes at an Alumni Relations Lyme at Lillian’s Restaurant.*



## ADVANCEMENT DIVISION CONT'D

The Alumni Relations Office continued to give direct support to student events like Dorm Dinner, Annual International Student Final Year Dinner, Annual Student Leadership Conference.

Donations totaling US\$5,500.00 was received from the South Florida Chapter towards scholarships for students.

### THE CENTRE FOR THE ARTS (CFA)

The Centre for the Arts (CFA) was established in 1998 with a mandate to help individual students unleash their creative energy towards developing their full potential. It focuses on education in the Visual and Performing Arts, cultural training and professional development through elective and extracurricular programmes.

The Centre supports the cultural needs of the University and wider populace through the staging of cultural productions, presentations and consultation; providing professional performances by the UTech, Jamaica Art and Theatre Ensemble; and workshops in the creative arts. The Centre is also responsible for rental and guided tours of the Caribbean Sculpture Park, the open-air museum which it created and in which it sits.

#### **Visual and Performing Arts Programmes Student Enrolment and Participation**

The Centre for the Arts attracted over three hundred (300) students to its Visual and Performing Arts programmes, eighty-two (82) of whom were from the Elective Programmes in Music, Drama and Dance. As part of their overall assessment in the programmes for the year, students performed at over 15 University events, including the annual cultural showcase, long service awards function and the annual graduation ceremony.

#### **Donation of Instruments for Music Programme**

Chancellor, the Hon. Edward Seaga, ON, PC donated a 20-piece set of musical instruments from his personal collection to the Centre at the 2014 Academic Induction



*First year nursing student, Shevel Simms (centre) examines a saxophone donated by UTech's Chancellor, the Most Hon. Edward Seaga, ON, PC (right) to enrich the cultural programme at UTech. The donation was made at the University's annual Academic Induction Ceremony held on Friday, August 22, 2014 at the Alfred Sangster auditorium, UTech Papine campus. Participating in the happy occasion is Ambassador the Hon. Burchell Whiteman, OJ, Acting President.*

Ceremony held August 22nd. The gift included three (3) clarinets, two (2) trumpets, a viola, two (2) trombones, and a saxophone. The instruments have an estimated value of USD \$16,000 and will also be most valuable in the development of CFA's musical programme.

#### **Arts and Culture Summer Programme**

Following a 5-year hiatus, the Centre for the Arts re-introduced its summer programme for participants ranging in ages 7-12. They came from schools across the island, including Glenmuir Prep in Clarendon, Mona Prep and Hope Valley Experimental in St. Andrew, Burnt Savannah Primary in St. Elizabeth, and from as far away as Valley Primary in Anguilla. The camp aimed to introduce participants to Jamaica's cultural heritage, and campers were enabled to explore both tangible and intangible aspects of Caribbean culture. Activities included visiting heritage sites, learning history through drama and poetry, reviving traditional dance forms, documenting personal and community histories through basic animation and visual arts, as well as learning the



messages of the drum.

UTech, Jamaica’s Arts and Culture Summer Programme “Heritage in Young Hands” culminated on Thursday July 31 with a 40-minute production dubbed by the campers, “Talented Generation”. The production opened with a dramatic presentation of Edward Braithwaite’s, “The Making of the Drum: The Barrell” and a folk medley on drums. Folk and contemporary dances and a theatrical presentation were also produced.



business models” for their creative enterprise. Arts and Culture, Director Dr Janice Lindsay also noted that there is a critical role for Universities in facilitating the development of the creative industries in Jamaica and the Caribbean. Initiatives such as Creative Edge provide a marketing platform and exhibition space for a growing number of practitioners within the creative arts.

CFA’s Week of Excellence in the Visual and Performing Arts



Students participants in the Heritage in Young Hands Summer Programme led by the Centre for the Arts which ran from July 14 to 31, 2014 demonstrate their theatrical skills on the final day of the camp. Left, dancers performing to “Move” and at right, the dramatic presentation of “Tacky.”

The programme which was hosted solely by the campers saw short presentations on World Heritage, a Visual Arts piece titled, “This is My Story” directed by Animation Specialist, Dr Oneika Russell and a five-minute video presentation that captured significant moments of the four-week camp.

**Creative Edge Exhibition Series**

The Creative Edge Exhibition series came to a close on November 21, 2014. The series which opened on Thursday, October 9 showcased works by members of the UTech, Jamaica family and wider populace. This year’s event was expanded beyond traditional visual arts and fashion design, to include culinary arts, animation, cosmetic production, wooden craft and music composition, and accommodated over 20 exhibitors exhibiting a wide diversity of creative skills.

Guest speaker at the launch, attorney-at-Law and Managing Director of Nanook Enterprises, Joan Webley urged participants to develop “credible

In November, the talents of the students enrolled in the CFA’s programmes were on show through a week of activities. The “Week of Excellence” kicked off on Monday November 17, 2014 with an opening ceremony, “UTech, Jamaica Cares for Arts and Culture”, featuring performances from the UTech, Jamaica Instrumental Band. The week of activities featured daily performances by students enrolled in the Centre’s Visual and Performing Arts Programme, and an art exhibition.

Continuing its support for the “UTech, Jamaica Cares” initiative, the Centre hosted a panel discussion under the theme, “Harmony for Humanity through the Arts”. The discussion was moderated by Curator and Director, Jamaica Music Museum, IOJ, Mr Herbie Miller with panellists Dr Rohan Lewis, Mr Mickey Bennett, Dr Clinton Hutton, Lecturer, Department of Government, University of the West Indies, Mona and Mr Seretse Small, musician.



## ADVANCEMENT DIVISION *CONT'D*

The highlight of the evening's proceedings was the debut of the "Seven Letters" Music Video. The production was a major component of CFA's contribution to the UTech, Jamaica Cares Project, promoting tolerance and respect. The song was written and composed by CFA Music Elective tutor, Coswell Duncan and arranged by Grub Cooper, while studio recording was done by Producer, Mikey Bennett.

"Seven Letters" features the UTech, Jamaica Choir, with local vocalist, Jodian Pantry and reggae singer, Natel. The music video was produced by Creative Production and Training Centre (CPTC) and made possible by funding from USAID through the UTech, Jamaica Cares Project.

### **Literary Festival and Cultural Showcase 2015**

In collaboration with the Calvin McKain Library the Centre hosted its annual Literary Festival and Cultural Showcase in tribute to Jamaica's Theatre Arts Industry,

This year's Literary Festival and Cultural Showcase, its 7th staging, was designed to focus attention on theatre

as a vital feature of Jamaica's cultural heritage and a crucial sub-sector in the creative industries.

The day's activities began with a presentation on the theme, "Safeguarding theatre in Jamaica: contemplating assets for urgent preservation and development" and after a full afternoon of discussion, the programme culminated with "The Theatre Experience" and the presentation of the President's Award for Arts and Culture Industry at the Cultural Showcase. The production highlighted significant moments in the evolution of indigenous Jamaican theatre and its influence on screens and in studios.

As is customary, students enrolled in Centre's Arts and Culture programme took centre stage as the main cast for the Cultural Showcase; elective students are assessed as part of their final evaluation for the semester, accruing credits towards their respective degree programmes.



## DIVISION OF HUMAN RESOURCES AND ADMINISTRATION



**Mrs. Jennifer Ellis**

*Vice President*

### **Staffing**

Total full-time staffing at March 2015 stood at 1393 persons as follows: 546 Academic, 550 Administrative, 179 Technical, and 118 Ancillary Staff,

### **Training**

A total of 58 staff received tuition waivers to pursue qualification upgrades. In the same period, 80 dependents of staff received tuition waivers to undertake undergraduate programmes offered by UTech, Jamaica. Thirty (30) staff members received support to pursue short courses at UTech, Jamaica and 361 staff participated in workshops facilitated by HR. Staff also benefitted from 115 training opportunities locally and overseas at conferences/seminars/workshops.

### **Pension**

With regard to the matter of retiring benefits for staff members of the University who were employed during the period September 1, 1995 to March 31, 2008 and who were not covered by any pension arrangement, the Cabinet approved the proposals that would allow all employees of the University of Technology, Jamaica appointed during the period September 1, 1995 to March 31, 2008 and who were not covered by any pension arrangement to be eligible for retiring benefits in accordance with the Pensions Act and the Pensions (Teachers) Act.

### **Senior Academic Appointments**

Senior Academic appointments made during the period included the appointment of a Deputy President. Following a robust recruitment exercise which considered both internal and external applicants, Professor Colin Gyles, former Dean of the Faculty of Science and Sport emerged as the successful candidate and was appointed to office effective January 5, 2015.

The University Appointments and Promotions Committee also approved a number of other appointments which were ratified by Council and these included the appointment of a Dean of the Faculty of Law, Vice Deans of the Faculties of Engineering and Computing and Education and Liberal Studies, and the re-appointment of a Vice Dean in the College of Health Sciences. New Heads of Schools appointments were made in the School of Architecture, Building and Land Management, and Hospitality and Tourism Management. There were two re-appointments of Heads of Schools for Humanities and Social Sciences and Technical and Vocational Education.

### **Staff Recognition**

The 44th University Annual Awards Ceremony was held on May 9, 2014. The Ceremony was the culmination of Staff Development and Appreciation Week which was convened under the theme "Overcoming Challenges, Sustaining Excellence". One hundred and thirty-four (134) employees were recognized for their service



## DIVISION OF HUMAN RESOURCES AND ADMINISTRATION *CONT'D*

to the University ranging from ten years to forty years. Special awards were given to staff who had distinguished themselves in the areas of Research, Teaching, and in the Administrative, Ancillary and Technical categories. The President's Award for Instructional Excellence was presented to Mr Michael-Anthony Dobson-Lewis, Senior Lecturer in the Faculty of Education and Liberal Studies, and the award for Excellence in Research was presented to Dr Sean Thorpe, Senior Lecturer in the School of Computing and Information Technology.



*Forty Years: Mrs. Paula McBean, Administrative Support, College of Business and Management is all smiles as she accepts her award for 40 years to service from Dr. Paul Golding, Dean, College of Business and Management.*

### **Policies**

The Code of Ethical Conduct and Whistling-blowing Procedure was approved.

### **Industrial Relations**

The post of Industrial Relations Manager was approved by the Ministry of Finance and filled on July 1, 2014. Throughout the review period the industrial relations climate at the university remained tense, characterized by episodes of protest actions by staff represented by the three unions as they coalesced around issues of mutual concern.

This period also saw the commencement of discussion

with the Ministry of Finance and Planning related to negotiations with the University of Technology Academic Staff Union. Discussions commenced at the MOFP on March 6, 2015 and continued at the local level on March 23, 2015.

### **Medical Centre**

The Medical Centre continues to provide health care to the University Community. A total of fifteen thousand two hundred and forty six (15,246) patients received health care for the period under review at a monthly average of one thousand three hundred and seventy. This is an increase of one thousand one hundred (1,100) patients when compared to the 2013/14 period.

### **Environmental Health**

During the 2014/2015 reporting period, five (5) critical environmental parameters were consistently monitored on all campuses of the university. These include but were not necessarily limited to: Food safety and drinking water quality; pest infestation management; solid waste monitoring and management; environmental awareness and sensitization; swimming pool health and sanitation. Of the five environmental health parameters, food safety and water quality achieved and maintained high compliance.

### **Customer Service Advocate**

The Office of the Customer Service Advocate initiated Customer Service training sessions for staff from the Western Campus and the Library and for new members of staff. The Office also met with staff and students to continue consultations on the draft University Customer Service Charter. With assistance from the Office of Distance Learning the Customer Service Advocate began work in February 2015 on an Online Customer Service Training Programme which would make training accessible on demand and at distance.

The President's Award for Excellence in Customer Service was presented as part of the 44th Annual Staff Awards Function held in May 2014. The awardee was Mrs. Heather White, the Medical Centre's Health Services Administrator.





# DEPARTMENT OF SPORT



**Mr. Laurence Garriques**  
*Director (Acting)*

The University of Technology, Jamaica continues to maintain its reputation as “the home of world class athletes”.

### INTERNATIONAL REPRESENTATION 2015 Penn Relays

The UTech, Jamaica Track and Field team performed exceptionally well at the 121st staging of the Penn Relays, earning five (5) medals; four (4) Gold and one (1) Silver.

Event	Place
College Men’s 4 x 100m Championship of America (Andrew Fisher, Julian Forte, Kemarley Brown, Tyquendo Tracey)	1st
College Men’s 4 x 200m Championship of America (Andrew Fisher, Julian Forte, Kemarley Brown, Kavean Smith)	1st
College Women’s 4 x 200m Championship of America (Elaine Thompson, Shimayra Williams, Chance Bonner, Sherika Jackson)	1st
College Men High Jump (Ashani Wright)	1st
College Women’s 4 x 400m Championship of America (Tjipekapora Herunga, Shericka Jackson, Simoya Campbell, Janieve Russell)	2nd
College Women’s Sprint Medley	3rd



*Shericka Jackson celebrates winning the 4 x 200m Championship of America award at the Penn Relays.*



*Members of the Men’s 4 x 100m team celebrate after winning the Championship of America. From left Julian Forte, Andrew Fisher, Kemarley Brown and Tyquendo Tracey.*



## DEPARTMENT OF SPORT CONT'D



*Shimayra Williams passes the baton to Chanice Bonner on their way to the team's win of the Women's 4 x 200m Championship of America at the Penn Relays.*

### **LOCAL REPRESENTATION**

#### ***Inter-Collegiate Competitions***

Final results of the Intercollegiate Championships for year 2014-15 show the UTech, Jamaica Knights as champions in five areas Track and Field, Table Tennis, Hockey, Tennis, and Cheerleading. In addition, the UTech, Jamaica Knights earned six (6) second place and three (3) third place championship titles.

The Champion Teams for 2014-15 were:

- Track and Field (male and female)
- Table Tennis (male)
- Hockey (female)
- Tennis (male)
- Cheerleading

### **UTECH, JAMAICA CLASSIC SERIES**

#### ***UTech, Jamaica Knights Volleyball***

The Volleyball Classic was held over a two-day period (January 29 – February 1, 2015) at the Sangster Auditorium. This event was sponsored by HiLyte, the UTech, Jamaica Student's Union and the Department of Sport. A total of 20 teams from 10 high school and 10 clubs/institutions entered the competition.

### **UTech, Jamaica Knights Table Tennis Classic**

The Table Tennis Classic was held under very difficult circumstances but nevertheless produced two good winners. Kane Watson of UTech, Jamaica won the Men singles A. Phillip Drummonds won over Mark Phillips in the Men Singles B.

### **UTech, Jamaica Track and Field Classic**

The 8th annual UTech, Jamaica Track and Field Classic was concentrated into a five-hour meet, from 4:00pm – 9:00pm, repeating the format that was used in the previous year. Fewer high school entrants and a smaller number of events than in previous years allowed for a more structured and exciting meet. Overseas participants represented Namibia, Colombia and Barbados.

Increased sponsorship, ticket sales and the quality of the participating athletes resulted in the meet being successful both in terms of the financial outcome and the performances on the track. Half-price tickets to UTech, Jamaica students boosted support from the UTech, Jamaica population and the appearance and outstanding performance of some stars contributed to an exciting event. The 100m Invitational event saw Kemarley Brown battling with Julian Forte of UTech, Jamaica and defeating Olympian Kemar Bailey-Cole and others to claim first position. Olympian and World record holder Usain Bolt's appearance to compete against Nesta Carter, and Rusheen McDonald in the 200m Men's Invitational was a big crowd pleaser, as was Elaine Thompson's world leading time of 10.92 over 100m.

### **Thrilling Clash of Champions at UTech, Ja.'s 8th Track and Field Classic**

The 8th staging of the UTech International Invitational Track and Field Classic held on Saturday, April 11, 2015 at the National Stadium was nothing short of thrilling and exciting, with several records toppled and winning performance by participating athletes.

Special congratulations to new star, UTech student athlete, Elaine Thompson who clocked a world leading



## DEPARTMENT OF SPORT *CONT'D*

10.92 seconds claiming victory in the women's 100m open!

Participating athletes from preparatory and primary schools, high schools, local and overseas clubs, colleges, as well as international athletes from Colombia and Nambia delivered world-class performances at the Meet.

### **UTech, Jamaica Knights Tennis Classic**

The fourth (4th ) staging of the Lawn Tennis Classic was executed in spite of some difficulties with scheduling and participation. UTech, Jamaica's Duainne Miller was the winner of the Men singles title.

### **UWI/UTech, Jamaica Sports Championship**

The UWI/UTech, Jamaica Sports Championship was held at UWI, Mona Bowl on September 20, 2014. Of the seven (7) sporting events in which the universities competed, UTech, Jamaica emerged winner in three – Cricket, Female Football and Rugby while UWI won in Netball, Female Volleyball, Male Football and Basketball which earned them the overall 2014 champions.

The Sports Championship committee decided to associate the championship event with an outreach project at the Shalom Basic School in August Town, St Andrew which served as a prelude to the competition. Supporters from both universities, including student athletes, came out in their numbers to participate in the outreach project. They painted the walls, swept the yard, cleaned and organized the classrooms and made donations of white boards to the school. The day's activities attracted a crowd of more than 5000 supporters and ended with an integration party.

### **City of Miramar/UTech, Jamaica Multi-Cultural Games**

The City of Miramar multicultural games, in its fourth year, was held in Miami following the Penn Relays and saw an increase in entrants and interest by spectators. Over 200 athletes registered to compete, including individual athletes representing Canada, Bahamas, Bermuda, and the Dominican Republic. The meet also featured University teams from the United States. The Miramar/UTech, Jamaica Multi-Cultural Games is a

collaborative effort between the City of Miramar and UTech, Jamaica.

### **SPORTS FACILITY USAGE**

UTech, Jamaica's sporting facilities accommodated various sporting and non-sporting activities by internal and external users. However, the level of usage was affected by drought conditions and infrastructure work taking place on the Papine campus. A major challenge was lack of adequate funding to address maintenance and repair needs. Notwithstanding, revenue of approximately \$4.5 M was generated from the rental of the facility.. A total of 195 applications were received for the use of the various areas of the sports facilities.

### **Closure of Swimming Pool**

The swimming pool was closed from mid July to August 2014 as part of University's water conservation strategy due to the prolonged drought condition which affected the entire country. The closure resulted in a loss of potential income from summer camp activities.

### **Community Outreach**

The Department of Sport contributes to the University's Community Service outreach programme by way of providing access to the University sporting and recreational facilities for training purposes and competition. The following community groups and associations were granted free access to the various sports facilities.

- Jamaica Table Tennis Association under 14 Championship
- Special Olympics for learn-to-swim lessons - Swimming pool (every Saturday for 2 hours)
- Deaf Sport Jamaica for track training - Track (four (4) days per week February – July)
- Mona Preparatory School - Track (March – May)



## OFFICE OF INTERNATIONAL AND INSTITUTIONAL LINKAGES OFFICE OF THE PRESIDENT



**Dr. Claire Sutherland**

*Senior Director*

The Office of International and Institutional Linkages (OIIL) is mandated to spearhead the university's adoption of a more deliberate approach to internationalization, expanding global engagement, securing strategic alliances with the best in higher education and society across the world, and establishing a strong governance framework for all of these activities.

UTech, Jamaica, Ja. has long established its reputation for producing technically competent graduates, using industrial partnerships to help prepare its students for the workplace. International alliances will contribute an added dimension to this preparation, enabling our graduates to become better prepared for global placement.

The Office negotiated and facilitated the establishment of multi-year Memoranda of Understanding (MOUs) and Student Exchange Agreements with three institutions – Humber College Institute of Advanced Technology, Canada, University of Prince Edward Island, Canada, and Virginia State University, USA. Under these reciprocal arrangements, a limited number of UTech, Jamaica undergraduate students from the School of Hospitality and Tourism Management, School of Business Administration, and the School of Computing and Information Technology may take courses for credit at these partner institutions and have

those credits transferred upon their return to UTech, Jamaica to complete their degree. Five (5) UTech, Jamaica students participated in these study abroad arrangements in 2014/15.

### **Internationalisation**

The internationalisation of UTech, Jamaica moved into higher gear during academic year 2014/15. Eighteen (18) new strategic institutional partners entered into various Cooperation Agreements, Memoranda of Understanding (MOUs), and Student Exchange Agreements with UTech, Jamaica. These important linkages in several areas of Science, Technology, Engineering and Mathematics (STEM) and related applied academic disciplines advance UTech, Jamaica's vision to produce "...globally competent, versatile, innovative entrepreneurial graduates...".

The longer term objectives are to facilitate more UTech, Jamaica students to have at least one learning experience abroad before graduation, to receive more international students from collaborating institutions for study at UTech, Jamaica and to diversify the learning environment at UTech, Jamaica.

The Office of International and Institutional Linkages and the College of Health Sciences collaborated in leading UTech, Jamaica's re-entry into the arena of medical marijuana. Memoranda of Understanding



## OFFICE OF INTERNATIONAL AND INSTITUTIONAL LINKAGES OFFICE OF THE PRESIDENT CONT'D



*Ambassador the Hon. Burchell Whiteman, (3rd left) Acting President, University of Technology, Jamaica (UTech) and Dr. Donald Land, Chief Scientist, Steep Hill Labs Inc. shake hands following the signing of a Memorandum of Understanding between both entities to examine the scientific and medicinal application of legal marijuana held Friday, November 14, 2014 at UTech's Papine campus. Sharing in the landmark moment from left are Dr. Claire Sutherland, Senior Director, International and Institutional Linkages, Hon. Phillip Paulwell, MP, Minister of Science, Technology, Energy and Mining, Dr. Ellen Campbell-Grizzle, Dean, College of Health Sciences, UTech and Dr. Cliff Riley, Associate Professor and Associate Dean of Graduate Studies, Research and Entrepreneurship, College of Health Sciences, UTech.*

were signed with two companies from the USA involved in medical marijuana – Ganja Labs, LLC, USA regarding research, indoor and outdoor greenhouse laboratories for growing, and Steep Hill Labs Inc, USA regarding research and testing.

Academic staff continued to engage in activities that bring international perspectives and diversity to the learning environment at UTech, Jamaica. One staff member from the School of Computing and Information Technology was a visiting faculty at University of North Carolina at Chapel Hill, USA further to an MOU that was established earlier in the year.

Groundwork began for the establishment of linkages with Japanese institutions regarding teaching and research in the area of rural development, especially the livelihood of women small farmers.



*From left: Professor Colin Gyles, Dean, Faculty of Science and Sport; Mr Irwine Clare Snr. OD, CEO Team Jamaica Bickle, USA and Member of the Jamaican Diaspora in New York; Dr Dennis Johnson, CD, Lecturer and mentor, Faculty of Science and Sport, UTech, Jamaica; Mr Herman LaMont, Jamaica's Consul-General to New York; Dr Claire Sutherland, Senior Director, International and Institutional Linkages, UTech, Jamaica, on the occasion of Dr Dennis Johnson being honoured in New York, April 2014 by - Team Jamaica Bickle at their 20th Anniversary celebrations; a United States House of Representatives Proclamation from the Office of US Congresswoman Yvette D Clarke; A New York Assembly Citation from the Office of Assemblyman N Nick Perry, and; a New York Council Citation from the Office of Council Member Jumaane D Williams.*



## OFFICE OF INTERNATIONAL AND INSTITUTIONAL LINKAGES OFFICE OF THE PRESIDENT CONT'D

### New Institutional Linkages by Region in the World

#### New Institutional Agreements 2014/2014 by Country/Region

Country/ Region	Institution	Lead College/Faculty/Unit	Type of Collaboration
Canada	Humber College Institute of Technology and Advanced Learning	College of Business and Management	MOU
Canada	Saint Mary's University	Faculty of Engineering and Computing	MOU
Canada	University of Prince Edward Island	College of Business and Management	Student Exchange Agreement
Caribbean	Caribbean Examinations Council (CXC)	University Registry	MOU
Cuba	Universidad de Oriente	Faculty of Engineering and Computing	MOU
Jamaica	Development Bank of Jamaica (re BDO)	College of Business and Management	MOU
Jamaica	Development Bank of Jamaica (U-Touch2 Software)	College of Business and Management	MOU
Jamaica	Grace Kennedy Ltd.	Faculty of Science and Sport	MOU
Jamaica	Housing Agency of Jamaica	Faculty of the Built Environment	MOU
Jamaica	Maximizing Velocity and Power (MVP) Track and Field Club	Faculty of Science and Sport	MOU
Panama	Universidad de Panama	Faculty of Engineering and Computing	MOU
St Lucia	National Research and Development Foundation	College of Health Sciences	Agreement
USA	Ganja Labs LLC	College of Health Sciences	MOU
USA	Old Dominion University	Faculty of Science and Sport	MOU
USA	Steep Hill Labs Inc.	College of Health Sciences	MOU
USA	University of Akron	College of Business and Management	Cooperation Agreement
USA	University of North Carolina at Chapel Hill	Faculty of Engineering and Computing	MOU
USA	Virginia State University	College of Business and Management	Student Exchange Agreement



# THE ACADEMIC BOARD



*First row from left:* Associate Professor Ellen Campbell-Grizzle, Miss Judith DeLisser, Prof. Colin Gyles, Dr. Elaine Wallace

*Second Row from left:* Mrs. Olubusola Akinladejo, Dr. Jeanette Bartley-Bryan, Prof. Nilza Justiz-Smith, Dr. Kamilah Hyton, Mrs. Norma Messam-Hinds, Mr. Alfred McPhershon, Dr. Haldane Johnson.

*Third Row from left:* Dr. Leonie Clarke, Prof. Rosalea Hamilton.

*Fourth Row from left:* Dr. Rohan Lewis, Mr. Oneil Joseph, Mr. David Drysdale, Mr. Laurence Neufville, Mr. Garfield Young

*Absent:*

Prof. the Hon. Errol Morrison, OJ, Ambassador the Hon. Burchell Whiteman, OJ, Prof. Gossett Oliver, Associate Prof. Dr. Kofi Nkrumah-Young, Associate Professor Paul Golding, Associate Prof. Carol Archer, Dr. Irving McKenzie, Mr. Darrian McGhann, Mr. Paul Ellis, Mr. William Potopsingh, Dr. Judith Orugun, Associate Prof. Doryck Boyd, Associate Prof. Neville Swaby, Dr. Winsome Russel, Mr. Aldrick McNab, Mrs. Donna Duncan-Scott.



# THE UNIVERSITY COUNCIL



*Left to right:* The Most Hon. Edward Seaga, ON, PC, Mr. Vivian Crawford, OD, Prof. the Hon. Errol Morrison, OJ, Ambassador the Hon. Burchell Whiteman, OJ, Prof. Colin Gyles, Mr. Dennis Chung, Dr. Elaine Wallace, Mr. Ryland Campbell, Mrs. Eleanor Jones, Mr. Earle Samuels, Mrs. Olubusola Akinladejo, Mr. Eric Frater (deceased, October 2014), Dr. Angela Samuels-Harris, Dr. Paul Golding.





Mrs. Karen Hewitt-Kennedy, Mr. Franklin Johnston, Mr. Christopher Spencer, Mr. Ronald Sutherland, Most Hon. Errald Miller, Mr. Alfred McPherson, Dr. Shane Alexis, Mrs. Stancy Mighty-Dixon, Mrs. Joan Lawla, Mrs. Dennise Haldane, Mr. Carlton Williams, Dr. Warren Blake, Associate Professor Carol Archer, Miss Delta Wright.



## ASSOCIATE VICE PRESIDENTS, DEANS, ASSOCIATE DEANS AND HEADS OF SCHOOL



**Dr. Jeanette Bartley-Bryan**  
Associate Vice President  
Open and Distance Learning



**Dr. Paul Ivey**  
Associate Vice President  
Graduate Studies, Research and  
Entrepreneurship



**Dr. Haldane Johnson**  
Associate Vice President  
Undergraduate Studies



**Prof. Kent Pantry, CD, QC**  
Associate Vice President,  
Legal Affairs



**Dr. Ruth Potopsingh**  
Associate Vice President  
Sustainable Energy



**Dr. Winsome Russell**  
Associate Vice President  
Academic Management



**Mr. Hector Wheeler**  
Associate Vice President  
Advancement

## COLLEGE OF BUSINESS AND MANAGEMENT



**Dr. Paul Golding**  
Dean



**Dr. Claudette Williams-Myers**  
Associate Dean



**Dr. Neville Swaby**  
Associate Dean/Head,  
School of Advanced  
Management



**Mr. Clavery Allen**  
Head, School of Business  
Administration



**Mrs. Marilyn  
Robinson-Cornelius**  
Head, School of Hospitality &  
Tourism Management  
(Tenure ended August 2014)



**Dr. Gaunette Sinclair-Maragh**  
Head, School of Hospitality &  
Tourism Management  
(wef September 2014)



**Mr. Michael Steele**  
Head, Joan Duncan School of  
Entrepreneurship, Ethics  
and Leadership

## COLLEGE OF HEALTH SCIENCES



**Dr. Ellen Campbell-Grizzle**  
Dean



**Dr. Janet Campbell-Shelly**  
Vice-Dean



**Mr. Greg-Louis Austin**  
Head, School of Allied Health and  
Wellness



**Dr. Sean Moncrieffe**  
Head, School of Pharmacy



**Prof. Hermi Hewitt**  
Associate Dean, Caribbean  
School of Nursing  
(Tenure ended December 2014)



**Ms. Beverley King**  
Head, Caribbean School of  
Nursing



## ASSOCIATE VICE PRESIDENTS, DEANS, ASSOCIATE DEANS AND HEADS OF SCHOOL

### JOINT COLLEGES OF MEDICINE, ORAL HEALTH AND VETERINARY SCIENCES



**Dr. Irving McKenzie**  
Interim Dean



**Dr. Doryck Boyd**  
Vice-Dean, College of Oral Health  
Sciences



**Prof. Winston Davidson**  
Head, School of Public Health and Health  
Technology

### FACULTY OF THE BUILT ENVIRONMENT



**Dr. Carol Archer**  
Dean



**Mr. L. Mark Taylor**  
Vice-Dean



**Dr. Rohan Bailey**  
Head, Caribbean School of  
Architecture  
(Tenure ended wef August 2014)



**Dr. Patricia Green**  
Head, Caribbean School of  
Architecture  
(wef September 2014)



**Mrs. Cadien Murray-Stuart**  
Head, School of Building & Land  
Management  
(Tenure ended wef August 2014)



**Mr. Laurence Neufville**  
Head, Caribbean School of  
Architecture  
(wef September 2014)

### FACULTY OF EDUCATION AND LIBERAL STUDIES



**Dr. Rohan Lewis**  
Dean



**Dr. Cynthia Onyefulu**  
Vice-Dean



**Dr. Leonie Clarke**  
Head, School of Technical and  
Vocational Education



**Dr. Nova Gordon-Bell**  
Head, School of Humanities and Social  
Sciences

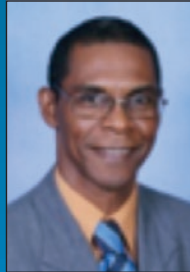


# ASSOCIATE VICE PRESIDENTS, DEANS, ASSOCIATE DEANS AND HEADS OF SCHOOL

## FACULTY OF ENGINEERING AND COMPUTING



**Prof. Nilza Smith**  
Dean



**Dr. Vernon Buchanan**  
Vice-Dean (Tenure ended August 2014)



**Miss Karlene Black**  
Vice-Dean (wef January 2015)



**Dr. Noel Brown**  
Head, School of Engineering



**Mr. Arnett Campbell**  
Head, School of Computing and Information Technology

## FACULTY OF LAW



**Mr. Alfred McPherson**  
Dean (Acting)



**Miss Dawn McNeil**  
Associate Dean – Western Campus

## FACULTY OF SCIENCE AND SPORT



**Prof. Colin Gyles**  
Dean (Appointed as Deputy President January 2015)



**Dr. Beverley Myers**  
Vice Dean (Acting Dean wef January 2015)



**Dr. Kamilah Hylton**  
Head, School of Natural and Applied Science



**Mr. Olusegun Afis Ismail**  
Head, School of Mathematics and Statistics



**Mr. Orville Byfield**  
Head, School of Caribbean School of Sports Sciences (Acting)



**Dr. Debbie-Ann Gordon-Smith**  
Head, Centre for Science-Based Research, Entrepreneurship and Continuing Studies (Tenure ended August 2014)



**Dr. Andrew Lamm**  
Head, Centre for Science-Based Research, Entrepreneurship and Continuing Studies (wef September 2014)



# AUDITED FINANCIAL STATEMENTS

*as at 31 March, 2015*



## ***Independent Auditor's Report***

To the Council of  
University of Technology, Jamaica

### **Report on the Financial Statements**

We have audited the accompanying financial statements of University of Technology, Jamaica, set out on pages 100 to 104, which comprise the statement of financial position as at 31 March 2015 and the statements of comprehensive income, changes in reserves and cash flows for the year then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

### ***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation of financial statements that give a true and fair view in accordance with International Financial Reporting Standards and with the requirements of the University of Technology, Jamaica Act, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

### ***Auditor's Responsibility***

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with International Standards on Auditing. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation of financial statements that give a true and fair view in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

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*PricewaterhouseCoopers, Scotiabank Centre, Duke Street, Box 372, Kingston, Jamaica*  
T: (876) 922 6230, F: (876) 922 7581, [www.pwc.com/jm](http://www.pwc.com/jm)

L.A. McKnight P.E. Williams A.K. Jain B.L. Scott B.J. Denning G.A. Reece P.A. Williams R.S. Nathan C.I. Bell-Wisdom D.D. Dodd G.K. Moore



**Members of University of Technology, Jamaica  
Independent Auditor's Report  
Page 2**

***Opinion***

In our opinion, the financial statements give a true and fair view of the financial position of the University as at 31 March 2015, and of its financial performance and cash flows for the year then ended in accordance with International Financial Reporting Standards and the requirements of the University of Technology, Jamaica Act.

**Report on Other Legal and Regulatory Requirements**

As required by the University of Technology, Jamaica Act, we have obtained all the information and explanations which, to the best of our knowledge and belief, were necessary for the purposes of our audit.

In our opinion, proper accounting records have been kept, so far as appears from our examination of those records, and the accompanying financial statements are in agreement therewith and give the information required by the University of Technology, Jamaica Act, in the manner so required.

Chartered Accountants  
26 July 2016  
Kingston, Jamaica



**University of Technology, Jamaica**  
**Statement of Comprehensive Income**  
**Year ended 31 March 2015**  
 (expressed in Jamaican dollars unless otherwise indicated)

	Note	2015 \$'000	2014 \$'000
<b>Income:</b>			
Tuition		3,302,232	3,283,257
Hostel		38,978	35,217
		<u>3,341,210</u>	<u>3,318,474</u>
Government of Jamaica subvention		1,950,146	1,946,453
Other fees		342,687	402,186
Restaurant		22,494	24,279
Projects and special accounts		202,573	161,492
Amortisation of capital grants	5	24,631	24,632
Other income	6	175,282	162,480
		<u>6,059,023</u>	<u>6,039,996</u>
<b>Expenses</b>			
Administration expenses	7	6,336,685	6,250,172
		<u>6,336,685</u>	<u>6,250,172</u>
<b>Deficit before net finance income</b>		<u>(277,662)</u>	<u>(210,176)</u>
Finance income	9	120,043	255,771
Finance costs	10	(28,853)	(24,099)
Net finance income		<u>91,190</u>	<u>231,672</u>
<b>Net (Deficit)/Surplus</b>		<u>(186,472)</u>	<u>21,496</u>
<b>Other Comprehensive Income:</b>			
<i>Items that will not be reclassified to surplus or deficit</i>			
Re-measurement of post-employment benefit obligations		8,290	(156,274)
<i>Items that may be subsequently reclassified to surplus or deficit</i>			
Unrealised gains on available-for-sale investments		611	53
<b>Total Comprehensive Income for Year</b>		<u>(177,571)</u>	<u>(134,725)</u>



**University of Technology, Jamaica****Statement of Financial Position****31 March 2015**

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2015 \$'000	2014 \$'000
<b>Non-Current Assets</b>			
Property, plant and equipment	11	3,511,167	3,160,157
Intangible assets	12	13,082	10,049
Long-term investments	13	824,891	789,990
		<u>4,349,140</u>	<u>3,960,196</u>
<b>Current Assets</b>			
Inventories	14	32,241	34,255
Accounts receivable	15	1,010,105	1,295,173
Taxation recoverable		209,425	203,235
Reverse repurchase agreements	17	437,865	832,043
Cash at bank and in hand	18	191,662	193,086
		<u>1,881,298</u>	<u>2,557,792</u>
<b>Current Liabilities</b>			
Accounts payable	19	1,528,858	1,596,125
Designated receipts	20	17,912	73,511
Deferred income	21	570,042	604,998
Current portion of long-term loan	22	-	8,860
Bank overdraft	18	35,542	2,655
		<u>2,152,354</u>	<u>2,286,149</u>
<b>Net Current (Liabilities)/Assets</b>		<u>(271,056)</u>	<u>271,643</u>
		<u>4,078,084</u>	<u>4,231,839</u>

**University of Technology, Jamaica****Statement of Financial Position (Continued)****31 March 2015**

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2015 \$'000	2014 \$'000
<b>Reserves</b>			
Appropriated surplus	23	155,767	155,767
Unappropriated surplus		2,082,310	2,260,492
Investment revaluation		3,149	2,538
		<u>2,241,226</u>	<u>2,418,797</u>
<b>Non-Current Liabilities</b>			
Unexpended grants for specified projects	24	62,349	85,921
Endowment funds	25	18,334	119,697
Capital grants	5	598,634	623,265
Employee benefit obligations	26	1,157,541	984,159
		<u>1,836,858</u>	<u>1,813,042</u>
		<u>4,078,084</u>	<u>4,231,839</u>

Approved for issue by the Council on July 18, 2016 and signed on its behalf by:

Richard Powell

Pro-Chancellor

Colin Gyles

President



## University of Technology, Jamaica

### Statement of Changes in Reserves

Year ended 31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

Note	Appropriated Surplus \$'000	Unappropriated Surplus \$'000	Investment Revaluation \$'000	Total \$'000
<b>Balance at 1 April 2013</b>	155,767	2,395,270	2,485	2,553,522
Net Surplus for year	-	21,496	-	21,496
Unrealised loss on available-for-sale investments	-	-	53	53
Re-measurement of post-employment benefit obligations	-	(156,274)	-	(156,274)
Total comprehensive income for year	-	(134,778)	53	(134,725)
<b>Balance at 31 March 2014</b>	155,767	2,260,492	2,538	2,418,797
Net Surplus for year	-	(186,472)	-	(186,472)
Unrealised gain on available-for-sale investments	-	-	611	611
Re-measurement of post-employment benefit obligations	-	8,290	-	8,290
Total comprehensive income for year	-	(178,182)	611	(177,571)
<b>Balance at 31 March 2015</b>	155,767	2,082,310	3,149	2,241,226

**University of Technology, Jamaica****Statement of Cash Flows****Year ended 31 March 2015****(expressed in Jamaican dollars unless otherwise indicated)**

	Note	2015 \$'000	2014 \$'000
<b>Cash Flows from Operating Activities</b>			
Net (deficit)/surplus for year		(186,472)	21,496
Adjustments for:			
Depreciation	11	208,924	188,278
Amortisation of intangible assets	12	4,114	2,089
Gain on disposal of property, plant and equipment		(23)	(425)
Post-employment benefits obligation		181,672	132,978
Unrealised foreign exchange gains		(32,726)	(168,051)
Amortisation of capital grants	5	(24,631)	(24,632)
Interest income		(77,652)	(81,447)
Interest expense		-	406
		<u>73,206</u>	<u>70,692</u>
Changes in operating assets and liabilities -			
Inventories		2,014	(7,289)
Receivables		286,883	406,356
Taxation recoverable		(6,190)	(8,690)
Payables		(67,267)	(509,725)
Designated receipts		(55,599)	37,592
Deferred income		(34,956)	58,880
		<u>198,091</u>	<u>47,816</u>
Interest received		75,837	93,046
Interest paid		-	(406)
Net cash provided by operating activities		<u>273,928</u>	<u>140,456</u>
<b>Cash Flows from Investment Activities</b>			
Proceeds from disposal of property, plant and equipment		1,509	936
Purchase of property, plant and equipment	11	(561,420)	(582,539)
Purchase of intangible asset	12	(7,147)	(2,288)
Long term investments, net		(10,602)	58
Short term investments, net		406,702	383,548
Net cash used in investing activities		<u>(170,958)</u>	<u>(200,286)</u>
<b>Cash Flows from Financing Activities</b>			
Repayment of long term loan		(8,860)	(11,812)
Specified projects		(23,572)	(2,281)
Endowment funds		(101,363)	11,836
Net cash used in financing activities		<u>(133,795)</u>	<u>(2,257)</u>
Effects of exchange rate changes on cash and cash equivalents		(3,486)	13,076
Decrease in cash and cash equivalents		(34,311)	(49,010)
Cash and cash equivalents at beginning of year		190,431	239,441
<b>CASH AND CASH EQUIVALENTS AT END OF YEAR</b>	<b>18</b>	<u><u>156,120</u></u>	<u><u>190,431</u></u>



# University of Technology, Jamaica

## Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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### 1. Identification and Activities

University of Technology, Jamaica ("the University") was established as a body corporate by the University of Technology, Jamaica Act 1999 ("the Act"), and is deemed to have come into operation on 1 September 1995. The University's registered office and principal place of operation is 237 Old Hope Road, Kingston 6, Jamaica.

The University is the successor to the College of Arts, Science and Technology, which was first established in March 1958 as the Jamaica Institute of Technology and renamed in 1959 under sections 42 and 77B of the Education Law (The College of Arts, Science and Technology Scheme 1959).

The primary objectives of the University are the provision of a place of education, learning and research.

### 2. Summary of Significant Accounting Policies

The principal financial accounting policies adopted in the preparation of these financial statements are set out below. These policies have been consistently applied to all the years presented, unless otherwise stated.

#### (a) Basis of preparation

These financial statements have been prepared in conformity with International Financial Reporting Standards (IFRS), and have been prepared under the historical cost convention, as modified by the revaluation of certain available-for-sale investment securities.

The preparation of financial statements in conformity with IFRS requires the use of certain critical accounting estimates. It also requires management to exercise its judgement in the process of applying the University's accounting policies. Although these estimates are based on managements' best knowledge of current events and action, actual results could differ from those estimates. The areas involving a higher degree of judgement or complexity, or areas where assumptions and estimates are significant to the financial statements are disclosed in Note 4.

#### ***Standards, interpretations and amendments to published standards effective in current year***

Certain new standards, amendments and interpretations to existing standards have been published that became effective during the current financial period. The University has assessed the relevance of all such new standards, interpretations and amendments and has concluded that none is relevant to its operations.

#### ***Standards, interpretations and amendments to published standards that are not yet effective and have not been early adopted***

The University has concluded that the following standards which are published but not yet effective, are relevant to its operations, and will impact the University's accounting policies and financial disclosures as discussed below. These pronouncements are effective for annual periods beginning on or after the dates noted, and will be applied by the University as of those dates, unless otherwise noted.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 2. Summary of Significant Accounting Policies (Continued)

##### (a) Basis of preparation (continued)

***Standards, interpretations and amendments to published standards that are not yet effective and have not been early adopted***

- **IFRS 9, 'Financial instruments'** (effective for annual period beginning on or after 1 January 2018)

The standard introduces new requirements for the classification, measurement and recognition of financial assets and financial liabilities, in order to ensure that relevant and useful information is presented to users of financial statements. It replaces the multiple classification and measurement models in IAS 39 with a single model that has only two classification categories: amortised cost and fair value. The determination of classification will be made at initial recognition, and depends on the entity's business model for managing its financial instruments and the contractual cash flow characteristics of the instrument. Management is assessing the timing of its adoption by the University, and the potential impact of adoption.

- **IFRS 15, 'Revenue from Contracts with Customers'**, (effective for the periods beginning on or after 1 January 2017). The new standard introduces the core principle that revenue must be recognised when the goods or services are transferred to the customer, at the transaction price. Any bundled goods or services that are distinct must be separately recognised, and any discounts or rebates on the contract price must generally be allocated to the separate elements. When the consideration varies for any reason, minimum amounts must be recognised if they are not at significant risk of reversal. Costs incurred to secure contracts with customers have to be capitalised and amortised over the period when the benefits of the contract are consumed. The University is currently assessing the impact of future adoption of the new standard on its financial statements.

- **IFRS 16, 'Leasing'** (effective for annual periods beginning on or after 1 January 2019) Under IAS 17, lessees were required to make a distinction between a finance lease (on balance sheet) and an operating lease (off balance sheet). IFRS 16 now requires lessees to recognise a lease liability reflecting future lease payments and a 'right-of-use asset' for virtually all lease contracts. The IASB has included an optional exemption for certain short-term leases and leases of low-value assets; however, this exemption can only be applied by lessees. The University is assessing the impact of IFRS 16.

##### (b) Revenue recognition

Revenue comprises the fair value of the consideration received or receivable for the sale of services in the ordinary course of the University's activities. Revenue is recognised as follows:

###### *Government subventions*

Government contributions are recognized as income when received or deemed received by the University. They are deemed received if and when the Ministry of Finance, instead of giving cash, gives a binding written commitment to the University to settle certain of the University's obligations.

###### *Tuition and hostel fees*

Tuition and hostel fees are deferred when initially recorded at the start of the academic year upon a student completing the registration process for a school term or academic year. They are recognized as revenue evenly over the academic year in alignment with the time frame over which students attend classes and occupy housing, reflecting the assumed manner of delivery of relevant services to students.

###### *Other fees*

Other fees are recognised as income as the service is provided.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 2. Summary of Significant Accounting Policies (Continued)

##### (b) Revenue recognition (continued)

###### *Interest income and expense*

Interest income and expense are recognised in the statement of comprehensive income for all interest-bearing instruments using the effective interest method.

The effective interest method is a method of calculating the amortised cost of a financial asset or a financial liability and of allocating the interest income or interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments or receipts through the expected life of the financial instrument or, when appropriate, a shorter period to the net carrying amount of the financial asset or financial liability. When calculating the effective interest rate, the University estimates cash flows considering all contractual terms of the financial instrument but does not consider future credit losses. The calculation includes all fees paid or received between parties to the contract that are an integral part of the effective interest rate, transaction costs and all other premiums or discounts.

Once a financial asset or a group of similar financial assets has been written down as a result of an impairment loss, interest income is recognised using the rate of interest used to discount the future cash flows for the purpose of measuring the impairment loss.

##### (c) Foreign currency translation

###### (i) Functional and presentation currency

Items included in the financial statements are measured using the currency of the primary economic environment in which the University operates ("the functional currency"). The financial statements are presented in Jamaican dollars, which is the University's functional currency.

###### (ii) Transactions and balances

Foreign currency transactions are translated into the functional currency using the exchange rates prevailing at the dates of the transactions. Foreign exchange gains and losses resulting from the settlement of such transactions and from the translation at year-end exchange rates of monetary assets and liabilities denominated in foreign currencies are recognised in the statement of comprehensive income.

##### (d) Property, plant and equipment

Property, plant and equipment are stated at historical cost less accumulated depreciation and impairment losses.

Land is not depreciated as it is deemed to have an indefinite life. For all other property, plant and equipment, depreciation is calculated on the straight-line basis to write off assets to their residual values over their estimated useful lives at annual rates as follows:

Freehold buildings	2 – 2 ½%
Leasehold buildings and improvements	2 ½ - 20%
Furniture, fixtures, plant and equipment	10 – 33¼%
Motor vehicles	20 – 25%



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 2. Summary of Significant Accounting Policies (Continued)

**(d) Property, plant and equipment (continued)**

Gains and losses on disposal of property, plant and equipment are determined by comparing proceeds with carrying amount and are included in surplus.

Repairs and maintenance expenditure are included in the statement of comprehensive income during the financial period in which they are incurred. The cost of major renovations is included in the carrying amount of the asset when it is probable that the future economic benefits in excess of the originally assessed standard of performance of the existing asset will flow to the University.

**(e) Intangible assets**

Generally, costs associated with developing or maintaining computer software are recorded as an expense as incurred. However, costs that are directly associated with identifiable and unique software products controlled by the University, and which have probable economic benefits exceeding the cost beyond one year, are recorded as intangible assets. The costs of these assets are amortised over their estimated useful lives of three years.

Brand is shown at historical cost less amortisation and impairment and is deemed to have a finite useful life. Amortisation is calculated using the straight-line method to allocate the cost of the intangible asset over its estimated useful life of 20 years.

**(f) Financial Instruments**

*Financial assets*

The University classifies its financial assets in the loans and receivables, available for sale and held to maturity categories. The classification depends on the purpose for which the financial assets were acquired. Management determines the classification of its financial assets at initial recognition and re-evaluates this designation at every reporting date.

**(a) Loans and receivables**

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. They are included in current assets except for maturities greater than 12 months after the end of the reporting period. These are classified as non-current assets. The University's loans and receivables comprise short term investments, accounts receivable, other receivables and cash and cash equivalents.

**(b) Available for sale**

Available-for-sale financial assets are non-derivatives that are either designated in this category or not classified in any of the other categories. Available for sale financial assets include equity investments.

**(c) Held-to-maturity**

Held-to-maturity investments are non-derivative financial assets with fixed or determinable payments and fixed maturities that the University's management has the positive intention and ability to hold to maturity. Were the University required to sell other than an insignificant amount of held-to-maturity assets, the entire category would be compromised and reclassified as available-for-sale.

At the date of the statement of financial position, held-to-maturity investments comprised mainly Government of Jamaica securities.





## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 2. Summary of Significant Accounting Policies (Continued)

##### (f) Financial instruments (continued)

Regular purchases and sales of financial assets are recognised on the settlement date – the date on which an asset is delivered to or by the University. Other than financial assets at fair value through profit or loss, financial assets are initially recognised at fair value plus transaction costs. Financial assets are derecognised when the rights to receive cash flows from the assets have expired or have been transferred and the University has transferred substantially all risks and rewards of ownership. Available-for-sale financial assets are subsequently carried at fair value. Loans and receivables are carried at amortised cost using the effective interest method. Changes in the fair value of investments classified as available-for-sale are recognised in other comprehensive income.

When investments classified as available-for-sale are sold or impaired, the accumulated fair value adjustments recognised in equity are included in the statement of comprehensive income. Dividends on available-for-sale equity instruments are recognised in the statement of comprehensive income when the University's right to receive payments is established.

The fair values of quoted investments are based on current bid prices. If the market for a financial asset is not active, the University establishes fair value by using valuation techniques. These include the use of recent arm's length transactions, reference to other instruments that are substantially the same and discounted cash flow analysis making maximum use of market inputs and relying as little as possible on entity-specific inputs.

Financial assets are assessed at each statement of financial position date for objective evidence of impairment. A financial asset is considered impaired if its carrying amount exceeds its estimated recoverable amount. The amount of the impairment loss for assets carried at amortised cost is calculated as the difference between the asset's carrying amount and the present value of expected future cash flows discounted at the original effective interest rate. The recoverable amount of a financial asset carried at fair value is the present value of expected future cash flows discounted at the current market interest rate for a similar financial asset.

In the case of equity securities classified as available for sale, a significant or prolonged decline in the fair value of the security below its cost is considered an indicator that the securities are impaired. If any such evidence exists for available-for-sale financial assets, the cumulative loss – measured as the difference between the acquisition cost and the current fair value, less any impairment loss on that financial asset previously recognised in surplus or deficit – is removed from OCI and recognised as part of the University's surplus or deficit. Impairment losses recognised in net surplus or deficit on equity instruments are not reversed through net surplus or deficit.

##### *Financial liabilities*

The University's financial liabilities are initially measured at fair value, and are subsequently measured at amortised cost using the effective interest method. At the date of the statement of financial position, the following items were classified as financial liabilities: bank overdraft, long term loan, accounts payable and designated receipts.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 2. Summary of Significant Accounting Policies (Continued)

**(g) Securities purchased under agreements to resell**

Securities purchased under resale agreements are treated as collateralized financing transactions. The difference between the sale/purchase and repurchase/resale price is treated as interest and accrued over the life of the agreements using the effective yield method.

**(h) Inventories**

Inventories are valued at the lower of cost and net realisable value, cost being determined on a first-in, first-out basis. Net realisable value is the estimated selling price in the ordinary course of business less selling expenses.

**(i) Accounts receivable**

Accounts receivable are carried at original invoice amount less provision made for impairment of these receivables. A provision for impairment of these receivables is established when there is objective evidence that the University will not be able to collect all amounts due according to the original terms of receivables. The amount of the provision is the difference between the carrying amount and the recoverable amount, being the present value of expected cash flows, discounted at the market rate of interest for similar borrowers.

**(j) Cash and cash equivalents**

Cash and cash equivalents include cash at bank and in hand, deposits held at call with banks, other short-term highly liquid investments with original maturities of three months or less, net of bank overdrafts. These are carried at amortised cost.

**(k) Accounts payable**

Accounts payable are initially recognized at fair value and are subsequently carried at amortised cost.

**(l) Designated receipts**

Amounts received from lenders or donors, which are designated for specified or identifiable students, or others, for the purpose of covering costs incurred at, or in relation to their attendance at the University, are included as a current liability until paid to, or applied on behalf of the beneficiaries.

**(m) Provisions**

Provisions are recognised when the University has a present legal or constructive obligation as a result of past events, if it is probable that an outflow of resources will be required to settle the obligation, and a reliable estimate of the amount can be made. Where the University expects a provision to be reimbursed, the reimbursement is recognised as a separate asset but only when the reimbursement is virtually certain.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 2. Summary of Significant Accounting Policies (Continued)

##### (n) Capital grants

Capital grants comprise the following:

- (i) The estimated fair value of property, plant and equipment donated to the University, and
- (ii) Amounts granted to the University subject to conditions that must be met, the primary condition being that the grant must be used for the acquisition or construction of property, plant and equipment.

The amounts meeting conditions include sums received for the purchase of property, plant and equipment and the fair value of buildings donated.

For each reporting period, an amount equivalent to the depreciation charge on the relevant property, plant and equipment for that period is transferred from capital grants as a credit to income.

##### (o) Grants for specified projects

The University receives grants for specified projects.

Grants that are governed by donor-imposed stipulations, which stipulations must be complied with to the satisfaction of the donor for the project expenditure to be approved, are, until spent as stipulated, described as unexpended grants for specified projects. Such grants are accounted for as follows:

##### (i) *Grants received in advance of project expenditure*

Grants received in advance of expenditure are deferred, shown in the statement of financial position as 'Unexpended grants for specified projects'. When funds are spent in accordance with the donor's stipulations, the amount is charged off, and included in the relevant expense classification or, if applicable, in property, plant and equipment. An equivalent amount is then transferred from 'Unexpended grants for specified projects' to income as 'projects and special accounts income or, if the expenditure is capital, to 'capital grants' on the statement of financial position, which is subsequently accounted for, as described in the Capital grants note.

##### (ii) *Project expenditure made in advance of receipt of grants pledged*

Where projects are funded by donors on a reimbursement basis, the amounts spent are set up as receivable from the donor, and are also reflected in the administration and other operating expenses note as 'special projects expenses' or, if applicable, on the statement of financial position as property, plant and equipment, with an equivalent sum reflected in income as 'Special projects income' or, if the expenditure is capital, on the statement of financial position as 'Capital grants'.

##### (p) Endowment Fund

The University received monies for the payment of Scholarships. Monies received for the purpose of Scholarship are placed on investment with the intention of earning interest to the increase scholarship payments, Monies received for the purpose are governed by trust deeds, which outline the purpose of the monies being granted. The income statement is credited once the scholarship is applied to a student.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 2. Summary of Significant Accounting Policies (Continued)

##### (q) Employee benefits

###### (i) Pension Plan

The University operates a defined contribution plan. Once the contributions have been paid, the University has no further payment obligations. Contributions to the plan are charged to the statement of comprehensive income in the period to which they relate.

Employee benefits that are earned as a result of past or current service are recognised in the following manner: Short-term employee benefits are recognised as a liability, net of payments made, and charged as expense. The expected cost of vacation leave that accumulates is recognised when the employee becomes entitled to the leave. Post employment benefits are accounted for as described below.

Assets and obligations arising from the University's legal or constructive undertaking to provide post-employment benefits are included in these financial statements and have been actuarially determined by a qualified independent actuary, appointed by management.

Pension scheme costs included in surplus or deficit represent contributions to the fund established under the scheme which the University operates to provide retirement pensions for its employees. Contributions to the fund, made on the basis provided for in the rules, are accrued and charged off when due as the scheme is materially a defined contribution scheme.

###### (ii) Medical Care

The University also has a constructive obligation to provide certain post-employment medical benefits. The obligation to fund these future benefits is actuarially determined and accounted for as follows:

The amount recognised in the statement of financial position in respect of post-employment medical benefits is the present value of the post-employment medical benefit obligation at the statement of financial position date. The defined benefit obligation is calculated annually by independent actuaries using the projected unit credit method. The present value of the post-employment medical benefit obligation is determined by discounting the estimated future cash outflows using interest rates of high-quality Government of Jamaica bonds that are denominated in the currency in which the benefits will be paid and that have terms to maturity approximating to the terms of the related medical liability.

Actuarial gains and losses arising from experience adjustments and changes in actuarial assumptions are charged or credited to equity in other comprehensive income in the period in which they arise.

Past-service costs are recognised immediately in expenses.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 3. Financial Risk Management

The University's activities expose it to a variety of financial risks: market risk (including currency risk, fair value interest rate risk and cash flow interest rate risk), credit risk and liquidity risk. The University's overall risk management programme focuses on the unpredictability of financial markets and seeks to minimise potential adverse effects on the University's financial performance.

The University's risk management policies are designed to identify and analyse these risks, to set appropriate risk limits and controls, and to monitor the risks and adherence to limits by means of reliable and up-to-date information systems. The University regularly reviews its risk management policies and systems to reflect changes in markets, products and emerging best practice.

The University Council is ultimately responsible for the establishment and oversight of the University's risk management framework.

The risk management policies are established to identify and analyse the risk faced by the University, to set appropriate risk limits and controls, and to monitor risks and adherence to limits.

The Council has established committees for managing and monitoring risks, as follows:

##### *Finance Committee*

The Finance Committee through the Finance and Business Services Division is responsible for developing and monitoring the University's financial risk management policies. This committee reports regularly to the Council on its activities.

##### *Audit Committee*

The Audit Committee oversees how management monitors compliance with the University of Technology Act as it relates to its policies and procedures, and reviews the adequacy of the risk management framework in relation to the risks faced by the University. The Audit Committee is assisted in its oversight role by the University's Internal Audit Department. This department undertakes both regular and ad hoc reviews of risk management controls and procedures, the results of which are reported to the Audit Committee.

The most important types of risk are credit risk, liquidity risk and market risk. Market risk includes currency risk and interest rate risk.

##### (a) Credit risk

The University takes on exposure to credit risk, which is the risk that its students, commercial customers (such as the Students Loan Bureau and scholarship donors) or counterparties will cause financial loss for the University by failing to discharge their contractual obligations. Credit exposures arise principally from the University's receivables and investment activities.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 3. Financial Risk Management (Continued)

##### (a) Credit risk (continued)

###### *Credit review process*

The management of the University is responsible for regular reviews of the ability of students and commercial customers to meet repayment obligations, as well as the monitoring of other counterparties.

###### *Receivables*

The University's exposure to credit risk is influenced mainly by the individual characteristics of each student and commercial customer. The University has procedures in place to restrict awarding of academic certifications for courses until repayment obligations are met.

Customer credit risk is monitored according to their credit characteristics such as whether it is an individual or company or whether the counter party is experiencing financial difficulties. Receivables relate mainly to the amounts due from:

- Students – in some cases, this is based on a signed agreement between the students and the University to pay on account over a specified period, not exceeding 9 months;
- Students Loan Bureau (SLB); and
- Approved scholarship donors.

The balances are analysed into the following categories: Current, Receivables past due but not impaired, and Receivables past due and impaired.

An assessment of each group of debtors is done and the credit risk relating to each evaluated. Specific actions are taken according to debtor group and the identified risk. In addition, the Integrated Student Administrative System assists with the tracking of payments and monies owed by the various stakeholders and this further assists management with current information to assess each situation.

The University establishes a provision for impairment that represents its estimate of incurred losses in respect of receivables. The University addresses impairment on an individual basis. The provision is mainly in relation to Student Receivables.

###### *Investments*

The University limits its exposure to credit risk by investing mainly in liquid securities, with counterparties that have high credit quality and Government of Jamaica securities. Accordingly, management does not expect any counterparty to fail to meet its obligations.

The University has documented investment policies which guide the management of credit risk on long term investments, short term investments and reverse repurchase agreements. The University's exposure is continually monitored.

###### *Cash and bank balances*

Cash and bank transactions are limited to high credit quality financial institutions. The University has policies that limit the amount of credit exposure to any financial institution.

The University's maximum credit exposure is limited to \$2,464,523,000 (2014 - \$3,045,708).



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 3. Financial Risk Management (Continued)

##### (a) Credit risk (continued)

###### *Credit review process (continued)*

###### ***Aging analysis of accounts receivable that are past due but not impaired***

Credit exposure for the University mainly relates to students, the Students' Loan Bureau and scholarship donors. Accounts receivable are deemed past due when payments are not received on the contractual repayment dates. The majority of the past due accounts receivable are not considered impaired.

The aging analysis of these accounts receivable is as follows:

	2015	2014
	\$'000	\$'000
Student receivables past due not impaired		
Students receivable		
Under 12 months	147,204	279,981
Students Loan Bureau		
Under 12 months	270,988	348,976
Scholarship donors		
Under 12 months	74,082	51,831
Over 365 days	9,365	8,653
	<u>501,639</u>	<u>689,441</u>

###### ***Aging analysis of accounts receivable that are past due and impaired***

As of 31 March 2015, accounts receivable of \$314,943,000 (2014 - \$265,175,000) were impaired. The amount of the provision was \$314,943,000 (2014 - \$265,175,000). The individually impaired receivables mainly relate to students who are in difficult economic situations.

###### ***Movement analysis of the provision for impairment of accounts receivable***

	2015	2014
	\$'000	\$'000
At 1 April	265,175	179,923
Provisions for receivables impairment	49,768	85,252
At 31 March	<u>314,943</u>	<u>265,175</u>

The creation and release of provision for impaired receivables have been included in other operating expenses in the statement of comprehensive income. Amounts charged to the provision account are generally written off when there is no expectation of recovering additional cash.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 3. Financial Risk Management (Continued)

##### (a) Credit risk (continued)

###### *Credit review process (continued)*

###### ***Movement analysis of the provision for impairment of accounts receivable (continued)***

The University believes that no impairment provision is necessary in respect of financial assets other than tuition fees receivable. There are no financial assets other than those listed above that were individually impaired.

###### ***Exposure to credit risk for investments***

The following table summarises the University's credit exposure for investments at their carrying amounts, as categorised by issuer:

	2015 \$'000	2014 \$'000
Government of Jamaica	824,891	789,990
Financial institutions	437,865	832,043
	<u>1,262,756</u>	<u>1,622,033</u>

##### (b) Liquidity risk

Liquidity risk is the risk that the University may be unable to meet its payment obligations associated with its financial liabilities when they fall due. Prudent liquidity risk management implies maintaining sufficient cash and other liquid assets, and maintaining the availability of funding through an adequate amount of committed credit facilities.

###### **Liquidity risk management process**

The University's liquidity management process, as carried out within the University and monitored by the Finance Committee through the Finance and Business Services Division includes:

- (i) Monitoring future cash flows and liquidity on an ongoing basis. This incorporates an assessment of expected cash flows and the availability of collateral which could be used to secure funding if required;
- (ii) Maintaining a portfolio of highly marketable assets that can easily be liquidated as protection against any unforeseen interruption to cash flow; and
- (iii) Optimising cash returns on investments.



**University of Technology, Jamaica**

## Notes to the Financial Statements

**31 March 2015**

(expressed in Jamaican dollars unless otherwise indicated)

**3. Financial Risk Management (Continued)****(c) Market risk**

## Financial liabilities cash flows

The tables below summarise the maturity profile of the University's financial liabilities at 31 March based on contractual undiscounted payments.

	Within 1 Month \$'000	2 to 3 Months \$'000	4 to 12 Months \$'000	2 to 5 Years \$'000	Over 5 Years \$'000	Total \$'000
<b>As at 31 March 2015:</b>						
Accounts payable	-	1,402,900	-	-	-	1,402,900
Designated receipts	-	17,912	-	-	-	17,912
Bank overdraft	35,542	-	-	-	-	35,542
<b>Total financial liabilities (contractual maturity dates)</b>	<b>35,542</b>	<b>1,420,812</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,456,354</b>
<b>As at 31 March 2014:</b>						
Loans	772	1,544	6,950	-	-	9,266
Accounts payable	-	1,171,077	-	-	-	1,171,077
Designated receipts	-	73,511	-	-	-	73,511
Bank overdraft	2,655	-	-	-	-	2,655
<b>Total financial liabilities (contractual maturity dates)</b>	<b>3,427</b>	<b>1,246,132</b>	<b>6,950</b>	<b>-</b>	<b>-</b>	<b>1,256,509</b>



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 3. Financial Risk Management (Continued)

##### (c) Market risk (continued)

The University takes on exposure to market risks, which is the risk that the fair value or future cash flows of a financial instrument will fluctuate because of changes in market prices. Market risks mainly arise from changes in foreign currency exchange rates and interest rates. Market risk is monitored by the Finance Committee which monitors the investment portfolio against policies established by the University Council, and reports to the Council on a regular basis. Market risk exposures are measured using sensitivity analysis.

There has been no change to the University's exposure to market risks or the manner in which it manages and measures the risk.

##### *Currency risk*

Currency risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of changes in foreign exchange rates.

The University is exposed to foreign exchange risk with respect to the pound sterling STG, US dollar, CAN dollar and the Euro. Foreign exchange risk arises from future commercial transactions, recognised assets and liabilities.

The University manages its foreign exchange risk by ensuring that the net exposure in foreign assets and liabilities is kept to an acceptable level by monitoring currency positions. The University further manages this risk by maximising foreign currency earnings from its investments and holding foreign currency balances.

	2015					Total J\$'000
	Jamaican\$ J\$'000	STG J\$'000	US\$ J\$'000	CAN\$ J\$'000	Euro J\$'000	
<b>Financial assets</b>						
Long term investments	175,817	-	649,074	-	-	824,891
Accounts receivable	738,717	-	189,112	-	-	927,829
Reverse repurchase agreements	135,919	52,695	237,298	2,245	9,708	437,865
Cash and cash equivalents	130,508	16	37,389	3,899	19,850	191,662
<b>Total financial assets</b>	<b>1,180,961</b>	<b>52,711</b>	<b>1,112,873</b>	<b>6,144</b>	<b>29,558</b>	<b>2,382,247</b>
<b>Financial liabilities</b>						
Accounts payable	1,402,900	-	-	-	-	1,402,900
Designated receipts	17,912	-	-	-	-	17,912
Bank overdraft	35,542	-	-	-	-	35,542
<b>Total financial liabilities</b>	<b>1,456,354</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,456,354</b>
<b>Net financial position</b>	<b>(275,393)</b>	<b>52,711</b>	<b>1,112,873</b>	<b>6,144</b>	<b>29,558</b>	<b>925,893</b>

**University of Technology, Jamaica****Notes to the Financial Statements****31 March 2015**

(expressed in Jamaican dollars unless otherwise indicated)

**3. Financial Risk Management (Continued)****(c) Market risk (continued)***Currency risk (continued)*

	2014					Total J\$'000
	Jamaican\$ J\$'000	STG J\$'000	US\$ J\$'000	CAN\$ J\$'000	Euro J\$'000	
<b>Financial assets</b>						
Long term investments	184,485	-	575,517	-	29,988	789,990
Accounts receivable	1,046,104	-	184,485	-	-	1,230,589
Reverse repurchase agreements	259,174	54,431	498,094	2,423	17,921	832,043
Cash and cash equivalents	127,416	795	28,289	3,933	32,653	193,086
<b>Total financial assets</b>	<b>1,617,179</b>	<b>55,226</b>	<b>1,286,385</b>	<b>6,356</b>	<b>80,562</b>	<b>3,045,708</b>
<b>Financial liabilities</b>						
Accounts payable	1,383,601	-	-	-	-	1,383,601
Designated receipts	73,511	-	-	-	-	73,511
Long term loan	8,860	-	-	-	-	8,860
Bank overdraft	2,655	-	-	-	-	2,655
<b>Total financial liabilities</b>	<b>1,468,627</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,468,627</b>
<b>Net financial position</b>	<b>(148,552)</b>	<b>55,226</b>	<b>1,286,385</b>	<b>6,356</b>	<b>80,562</b>	<b>1,577,081</b>

**University of Technology, Jamaica****Notes to the Financial Statements****31 March 2015**

(expressed in Jamaican dollars unless otherwise indicated)

**3. Financial Risk Management (Continued)****(c) Market risk (continued)*****Currency risk (continued)******Foreign currency sensitivity***

The following tables indicate the currencies to which the University had significant exposure on its monetary assets and liabilities and its forecast cash flows. The change in currency rate below represents management's assessment of the possible change in foreign exchange rates. The sensitivity analysis represents outstanding foreign currency denominated monetary items and adjusts their translation at the year end for a reasonably expected change in foreign currency rates. The sensitivity of the surplus was primarily as a result of foreign exchange gains and losses on translation of receivables, payables, cash and cash equivalents, and investments.

	<b>% Change in Currency Rate</b>	<b>Effect on Surplus</b>	<b>% Change in Currency Rate</b>	<b>Effect on Surplus</b>
	<b>2015</b>	<b>2015</b>	<b>2014</b>	<b>2014</b>
		<b>\$'000</b>		<b>\$'000</b>
<b>Currency:</b>				
USD – Revaluation	-1%	(11,128)	-1%	(12,863)
USD – Devaluation	+10%	111,287	+15%	192,958
CAN – Revaluation	-1%	(61)	-1%	(64)
CAN – Devaluation	+10%	614	+15%	953
STG – Revaluation	-1%	(527)	-1%	(552)
STG – Devaluation	+10%	5,271	+15%	8,284
EURO – Revaluation	-1%	(295)	-1%	(806)
EURO – Devaluation	+10%	2,955	+15%	1,209

***Interest rate risk***

Interest rate risk is the risk that the value or future cash flows of a financial instrument will fluctuate because of changes in market interest rates. Floating rate instruments expose the University to cash flow interest rate risk, whereas fixed interest rate instruments expose the University to fair value interest rate risk.

The University manages its interest rate risk by matching, where possible, the duration and profile of financial assets and liabilities to minimise the impact of interest rate movements where there are mismatches. Typically, the University enters into fixed rate investment and loan contracts, thereby minimising its exposure to interest rate risk.



## University of Technology, Jamaica

Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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### 3. Financial Risk Management (Continued)

#### (c) Market risk (continued)

##### *Interest rate risk (continued)*

The University's main interest rate risk arises from investment securities. Government of Jamaica investments, which mainly have maturities greater than one year, are fixed rate instruments and are classified as held-to-maturity. The University's shorter term investments are also at fixed rates. The University's investments therefore do not expose it to interest rate risk.

The University earns interest on its securities purchased under resale agreements as disclosed in Note 18. As these deposits have a short term to maturity and are constantly reinvested at current market rates, they are not significantly exposed to interest rate risk.

The University incurred interest on its loan disclosed in Note 23. These loans were at fixed rates, and were carried at amortised cost. These loans therefore did not expose the University to interest rate risk.

#### (d) Capital management

The University does not have any stated share capital. The University however has reserves consisting of appropriated surplus and unappropriated surplus.

The University is not subject to any externally imposed capital requirements.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 3. Financial Risk Management (Continued)

##### (e) Fair value of financial instruments

Fair value is the amount for which an asset could be exchanged, or a liability settled, between knowledgeable, willing parties in an arm's length transaction.

The following table provides an analysis of financial instruments held as at the end of the financial year that, subsequent to initial recognition, are measured at fair value. The financial instruments are grouped into Levels 1 to 3 based on the degree to which the fair value is observable, as follows:

- Level 1 fair value measurements are those derived from quoted prices (unadjusted) in active markets for identical instruments. The quoted market price used is the current bid price at the year end date.
- Level 2 fair value measurements are those derived from inputs other than quoted prices included within level 1 that are observable for the instrument, either directly (i.e., as prices) or indirectly (i.e., derived from prices). The fair value of financial instruments not traded in an active market is determined by using valuation techniques, which maximise the use of observable market data where it is available and rely as little as possible on entity specific estimates.
- Level 3 fair value measurements are those derived from valuation techniques that include inputs for instruments that are not based on observable market data (unobservable inputs). The University has no financial instruments classified in Level 3.

There were no transfers between levels during the year.

	Level 1 \$'000	Level 2 \$'000	Total \$'000
<b>2015</b>			
Quoted equities	3,818	-	3,818
Long term investments	-	821,073	821,073
	<b>3,818</b>	<b>821,073</b>	<b>824,891</b>
<b>2014</b>			
Quoted equities	3,207	-	3,207
Long term investments	-	786,783	786,783
	<b>3,207</b>	<b>786,783</b>	<b>789,990</b>

For financial instruments classified as loans and receivables, and carried at amortised cost, the face value, less any estimated credit adjustments, for financial assets and liabilities are estimated to approximate their fair values. These financial assets and liabilities include cash and cash equivalents, accounts receivable, other receivables, payables, accrued liabilities and long term loan.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 4. Critical Accounting Estimates and Judgements in Applying Accounting Policies

The University makes estimates and assumptions that affect the reported amounts of assets and liabilities within the next financial year. Estimates and judgements are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances.

##### **Critical accounting estimates and assumptions**

The University makes estimates and assumptions concerning the future. The resulting accounting estimates will, by definition, seldom equal the related actual results. The estimates and assumptions that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

##### **(i) Allowance for losses**

In determining amounts recorded for allowance for losses in the financial statements, management makes judgements regarding indicators of impairment, that is, whether there are indicators that suggest there may be a measureable decrease in the estimated future cash flows from accounts receivable and other financial assets, for example, repayment default and adverse economic conditions. Management also makes estimates of the likely estimated future cash flows from impaired financial assets, including the net realisable value of underlying collateral, as well as the timing of such cash flows. The adequacy of the allowance depends on the accuracy of these judgements and estimates.

##### **(ii) Depreciable assets**

Estimates of the useful life and the residual value of property, plant and equipment are required in order to apply an adequate rate of transferring the economic benefits embodied in these assets in the relevant periods. The University applies a variety of methods in an effort to arrive at these estimates from which actual results may vary. Actual useful life may vary from that which was originally estimated by management.

##### **(iii) Post-employment medical care**

The cost of this benefit depends on a number of factors that are determined on an actuarial basis using a number of assumptions. The assumptions used in determining the net periodic cost (income) for post-employment benefit includes the discount rate and the expected rate of increase in medical costs. Any changes in these assumptions will impact the net periodic cost (income) recorded for post-employment benefits and may affect planned funding of the medical plan. The discount rate represents the interest rate that should be used to determine the present value of estimated future cash outflows required to settle the post-employment benefit obligations. In determining the most appropriate rate, the interest rate of high quality Government of Jamaica bonds that are denominated in the currency in which the benefits will be paid, and that have terms to maturity approximating to the terms of the related liability are used. The expected rate of increase of medical cost has been determined by comparing the historical relationship of the actual medical cost increases with the rate of inflation in the respective economy. Past experience has shown that actual medical costs have increased on average by one time the rate of inflation. Other key assumptions for the post-employment benefit cost are based in part on current market conditions.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 5. Capital Grants

	2015	2014
	\$'000	\$'000
At beginning of year	623,265	647,897
Amortisation for the year	(24,631)	(24,632)
At end of year	<u>598,634</u>	<u>623,265</u>

#### 6. Other Income

	2015	2014
	\$'000	\$'000
Administrative fees	16,443	14,765
Services and short courses	98,005	95,759
Student welfare	18,184	14,833
Rental of facilities	15,991	15,621
Miscellaneous	26,659	21,502
	<u>175,282</u>	<u>162,480</u>





## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 7. Expenses by Nature

	2015	2014
	\$'000	\$'000
Advertising	20,540	23,277
Auditors' remuneration		
Current year	5,448	5,200
Bad debt	49,768	85,252
Ceremonies	34,563	30,687
Class material	105,092	72,223
Consultancy	60,610	62,319
Depreciation and amortisation (Notes 11 and 12)	213,038	190,367
Directors' fees	3,988	3,092
Grants and contributions	203,428	185,420
Rental of space	49,641	42,620
Repairs and maintenance	150,325	137,225
Restaurant cost of goods sold	20,480	19,029
Security	90,390	84,900
Software costs	31,014	32,525
Specified projects	104,129	63,785
Staff costs (Note 8)	4,257,396	4,298,002
Stationery & office supplies	65,414	68,761
Subscriptions	76,129	84,016
Travel and subsistence	76,433	86,915
Utilities	436,109	367,114
Other operating expenses	282,750	307,443
	<u>6,336,685</u>	<u>6,250,172</u>



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 8. Staff Costs

	2015	2014
	\$'000	\$'000
Salaries and wages	3,633,007	3,686,438
Payroll taxes – employer's portion	151,887	164,526
Pension (Note 26)	81,718	112,570
Other post-employment benefits (Note 26)	189,060	138,402
Health Insurance	160,195	154,370
Uniform	41,529	41,696
	<u>4,257,396</u>	<u>4,298,002</u>

The number of persons employed by the University at the end of the year was as follows:

	2015	2014
	No.	No.
Full - time	1,399	1,404
Part - time	274	432
	<u>1,673</u>	<u>1,836</u>

#### 9. Finance Income

	2015	2014
	\$'000	\$'000
Interest income	77,652	81,447
Gain on foreign exchange	42,390	174,324
	<u>120,043</u>	<u>255,771</u>

#### 10. Finance Costs

	2015	2014
	\$'000	\$'000
Interest expense	-	406
Bank charges & service fees	28,853	23,693
	<u>28,853</u>	<u>24,099</u>

**University of Technology, Jamaica****Notes to the Financial Statements****31 March 2015**

(expressed in Jamaican dollars unless otherwise indicated)

**11. Property, Plant & Equipment**

	Freehold Land and Buildings \$'000	Leasehold Buildings and Improvements \$'000	Furniture, Fixtures, Plant and Equipment \$'000	Motor Vehicles \$'000	Capital Projects in Progress \$'000	Total \$'000
<b>2015</b>						
<b>At Cost -</b>						
At 1 April 2014	2,834,613	107,217	1,831,178	58,546	393,075	5,224,629
Additions	-	-	169,110	-	392,310	561,420
Transfers from CWIP	137,445			-	(137,445)	-
Disposals	-	-	(11,632)	-	-	(11,632)
At 31 March 2015	2,972,058		1,988,656	58,546	647,940	5,774,417
<b>Depreciation -</b>						
At 1 April 2014	864,929	4,712	1,154,727	40,104	-	2,064,472
Charge for the year	65,771	-	136,858	6,295	-	208,924
On disposals	-	-	(10,146)	-	-	(10,146)
At 31 March 2015	930,700	4,712	1,281,439	46,399	-	2,263,250
<b>Net Book Value -</b>						
31 March 2015	2,041,358	102,505	707,217	12,147	647,940	3,511,167



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 11. Property, Plant & Equipment (Continued)

	Freehold Land and Buildings \$'000	Leasehold Buildings and Improvements \$'000	Furniture, Fixtures, Plant and Equipment \$'000	Motor Vehicles \$'000	Capital Projects in Progress \$'000	Total \$'000
<b>2014</b>						
<b>At Cost -</b>						
At 1 April 2013	2,253,931	106,246	1,630,622	54,438	605,099	4,650,336
Additions	99,090	971	207,696	5,214	269,568	582,539
Transfers from CWIP	481,592	-	-	-	(481,592)	-
Disposals	-	-	(7,140)	(1,106)	-	(8,246)
At 31 March 2014	2,834,613	107,217	1,831,178	58,546	393,075	5,224,629
<b>Depreciation -</b>						
At 1 April, 2013	816,247	4,712	1,028,279	34,691	-	1,883,929
Charge for the year	48,682	-	133,077	6,519	-	188,278
On disposals	-	-	(6,629)	(1,106)	-	(7,735)
At 31 March 2014	864,929	4,712	1,154,727	40,104	-	2,064,472
<b>Net Book Value -</b>						
31 March 2014	1,969,684	102,505	676,451	18,442	393,075	3,160,157

#### 12. Intangible Assets

	2015 \$'000	2014 \$'000
<b>Cost -</b>		
At 1 April	49,108	46,820
Additions	7,147	2,288
At 31 March	56,255	49,108
<b>Amortisation -</b>		
At 1 April	39,059	36,970
Amortisation for the year	4,114	2,089
At 31 March	43,173	39,059
Net Book Value	13,082	10,049

**University of Technology, Jamaica****Notes to the Financial Statements****31 March 2015**

(expressed in Jamaican dollars unless otherwise indicated)

**13. Long-term Investments**

Long-term investments comprise the following:

	2015 \$'000	2014 \$'000
Available-for-sale, at fair value:		
Financial institutions -		
Equities	3,702	2,682
Units in unit trusts	116	525
	<u>3,818</u>	<u>3,207</u>
Held-to-maturity, at amortised cost:		
Government of Jamaica -		
US\$ denominated bonds	606,331	580,978
Euro denominated bonds	38,926	29,989
Local bonds	175,816	175,816
	<u>824,891</u>	<u>789,990</u>

The fair value of the Government of Jamaica bonds was \$852,217,000 (2014 - \$801,491,000). These are classified as level 2 investments.

The effective weighted average interest rates on investments are 7.25% (2014 – 7.25%) and 6.68% (2014 – 7.63%) on Jamaican dollar and United States dollar investments respectively.

**14. Inventories**

	2015 \$'000	2014 \$'000
Stores	30,278	32,106
Restaurant	1,364	1,336
Printery	997	1,211
	<u>32,639</u>	<u>34,653</u>
Provision for obsolescence	(398)	(398)
	<u>32,241</u>	<u>34,255</u>



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 15. Accounts Receivable

	2015	2014
	\$'000	\$'000
Students' fees	801,608	950,437
Less: Provision for impairment	(314,943)	(265,175)
	<u>486,665</u>	<u>685,262</u>
Government of Jamaica receivables	176,690	242,830
Staff loans and advances	175,993	203,512
Prepayments	82,276	64,584
Interest receivable	16,638	14,823
Other	71,843	84,162
	<u>1,010,105</u>	<u>1,295,173</u>

Government of Jamaica receivables represent amounts withheld from the Ministry of Education, Youth and Culture to settle amounts due for statutory payroll liabilities.

#### 16. Taxation

Under Section 17 of the Act, the University is exempt from Income Tax, Transfer Tax, Import Duties and General Consumption Tax on imported items. Under the General Consumption Tax Act, the University is entitled to acquire goods and services at a zero rate of tax. In addition, its own services are exempt from GCT under the provisions of Item 12 Part II of the Third Schedule to the GCT Act.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 17. Reverse Repurchase Agreements

The University entered into Reverse Repurchase Agreements collateralised by Government of Jamaica securities. These agreements may result in credit exposure in the event that the counterparty to the transaction is unable to fulfill its collateral obligations.

	Within 3 Months	3 to 12 Months	Carrying Value 2015	Carrying Value 2014
	\$'000	\$'000	\$'000	\$'000
Securities purchased under resale agreements	389,119	48,746	437,865	832,043

The weighted average interest rate on the investment securities is 4.99% (2014 – 4.21%).

#### 18. Cash and Cash Equivalents

	2015 \$'000	2014 \$'000
Cash at bank and in hand	191,662	193,086
Bank overdraft	(35,542)	(2,655)
	<u>156,120</u>	<u>190,431</u>

Cash and bank includes foreign currency savings accounts which attract interest as follows; USD Savings 0.20% per annum (2014 – 2.81%), EURO Savings Account 0.20% (2014 – 1.65%), Canadian Savings Account 0.50% per annum (2014 – 1.25%), Pound Sterling Savings Account 0.25% per annum (2014 – 1.98%) and local savings account 4.50% per annum (2014 – 6.56%). The accounting records of the University reflect a bank overdraft which results from the net of cheques issued but not yet presented to the bank and deposits in transit. The University does not have an actual overdraft with any of its bankers and no bank overdraft facilities are in place at year end.



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 19. Accounts Payable

	2015	2014
	\$'000	\$'000
Accruals	133,688	201,008
Accrued vacation leave	502,410	488,240
Statutory payroll liabilities	125,958	212,524
Retroactive salary	-	21,725
Contractors' retention	52,879	35,782
Stale-dated cheques	31,240	24,759
Local payables	34,303	11,818
Foreign payables	1,548	-
Pre-paid student fees	571,524	576,063
Other	75,308	24,206
	<u>1,528,858</u>	<u>1,596,125</u>

Statutory payroll liabilities represent amounts payable on the University's behalf by the Ministry of Education, Youth and Culture.

#### 20. Designated Receipts

	2015	2014
	\$'000	\$'000
Receipts from Students Loan Bureau to be paid to or on behalf of students	-	850
Scholarships	17,600	58,219
Students Union	312	14,442
	<u>17,912</u>	<u>73,511</u>



**University of Technology, Jamaica****Notes to the Financial Statements****31 March 2015****(expressed in Jamaican dollars unless otherwise indicated)****21. Deferred Income**

	<b>2015</b>	<b>2014</b>
	<b>\$'000</b>	<b>\$'000</b>
Balance at the beginning of the year	604,998	546,118
Tuition and boarding fees billed for the year	<u>3,683,568</u>	<u>3,806,181</u>
	<u>4,288,566</u>	<u>4,352,299</u>
Less apportionment done for the year		
Tuition & Hostel	(3,341,210)	(3,318,474)
Other fees	(342,687)	(402,186)
Other income	<u>(34,627)</u>	<u>(26,641)</u>
	<u>(3,718,524)</u>	<u>(3,747,301)</u>
Balance at the end of the year	<u>570,042</u>	<u>604,998</u>

**22. Borrowings**

	<b>2015</b>	<b>2014</b>
	<b>\$'000</b>	<b>\$'000</b>
Long term loan	8,860	20,672
Repayments during the year	<u>(8,860)</u>	<u>(11,812)</u>
	-	8,860
Less: Current portion	<u>-</u>	<u>(8,860)</u>
	<u>-</u>	<u>-</u>

This represented a draw down under a loan contract between the Caribbean Development Bank and the Government of Jamaica (GOJ), and on-lent by GOJ to University of Technology, Jamaica. Under the terms of the on-lending agreement negotiated between GOJ and the University, no collateral was required, and interest was payable quarterly at 2.5% per annum on the amount of loan drawn down and outstanding. The principal was repayable in 40 equal, consecutive, quarterly installments commencing 1 April 2005, with the final installment made during the period.

**University of Technology, Jamaica****Notes to the Financial Statements****31 March 2015**

(expressed in Jamaican dollars unless otherwise indicated)

**23. Appropriated Surplus**

The following has been included in Appropriated Surplus as shown below:

	2015 \$'000	2014 \$'000
Research	119,218	119,218
Staff Compensation	<u>36,549</u>	<u>36,549</u>
	<u>155,767</u>	<u>155,767</u>

These amounts represent appropriations of surplus which are held in reserve for the purposes indicated. The amounts and the designation of the allocations are made at the discretion of the Council.

**24. Unexpended Grants for Specified Projects**

	CIDA \$'000	Environmental Foundation of Jamaica \$'000	Mustard Seed \$'000	Others \$'000	Total \$'000
Balances as at 31 March 2013	2,649	68	58	85,427	88,202
New advances	-	-	-	42,045	42,045
Interest income	-	-	-	1,219	1,219
Expenditure	-	-	-	(45,545)	(45,545)
Balances as at 31 March 2014	2,649	68	58	83,146	85,921
New advances	-	-	-	87,675	87,675
Interest income	-	-	-	902	902
Expenditure	-	-	-	(112,147)	(112,149)
Balances as at 31 March 2015	<u>2,649</u>	<u>68</u>	<u>58</u>	<u>59,574</u>	<u>62,349</u>

**25. Endowment Funds**

	2015 \$'000	2014 \$'000
At beginning of year	119,697	107,861
New funds	5,861	3,194
Interest earned	4,871	14,926
Amounts utilised	<u>(112,095)</u>	<u>(6,284)</u>
At end of year	<u>18,334</u>	<u>119,697</u>



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

#### 26. Employee Benefit Obligations

(a) Pension plan

The University has established a contributory pension plan, University of Technology, Jamaica (2006) Pension Plan, for all eligible employees. The plan is under the control of trustees appointed by the University, with the assets being held separately from those of the University.

The rules of the plan require the establishment of a fund to which each member must contribute 5% of earnings and may contribute up to an additional 10% of earnings, and the employer must contribute 5% of earnings and may make such other contributions as may be recommended by the actuary to improve the solvency of the fund, provided such contributions are permissible under relevant laws and regulations.

The pension payable on normal retirement is the normal form of annuity which may be purchased with the member's account (the accumulated member and employer contributions plus earnings thereon) up to retirement date, subject to a maximum pension of two-thirds of the member's annual earnings at retirement date, provided that the member has completed 33 1/3 years of service. The rules also provide for optional forms of pension and for benefits on early retirement.

During the year, the contributions by the University to the fund established under the rules of the plan aggregated to \$81,718,000 (2014 - \$112,570,000).

(b) Medical care

In addition to pension benefits, the University offers post-employment medical benefits. The method of accounting and the frequency of valuations are similar to those used for defined benefit pension plans. The latest actuarial valuation was done as at 31 March 2015.

The liability recognised in the statement of financial position was determined as follows:

	2015	2014
	\$'000	\$'000
Present value of unfunded obligations	1,157,541	984,159

The movement in the present value of the defined benefit obligation during the year was as follows:

	2015	2014
	\$'000	\$'000
At beginning of year	984,159	694,907
Current service cost	95,908	69,176
Interest cost	93,152	69,226
Remeasurements – experience adjustments	(8,290)	156,274
Benefits paid	(7,338)	(5,424)
At end of year	<u>1,157,541</u>	<u>984,159</u>

**University of Technology, Jamaica**

Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

**26. Employee Benefit Obligations (Continued)**

The amounts recognised in deriving surplus or deficit is as follows:

	2015	2014
	\$'000	\$'000
Current service cost	95,908	69,176
Interest cost	93,152	69,226
Included in administration expenses (Note 8)	<u>189,060</u>	<u>138,402</u>

## Movement in the liability

	2015	2014
	\$'000	\$'000
Net liability brought forward	984,159	694,907
Benefit expense (Note 8)	189,060	138,402
Remeasurements recognised in other comprehensive income	(8,290)	156,274
Employer contribution	<u>(7,388)</u>	<u>(5,424)</u>
Net liability at the end of the year	<u>1,157,541</u>	<u>984,159</u>

**Impact on Employee Benefit Obligations**

	Change in Assumption	Increase in Assumption	Decrease in Assumption
Discount rate	1%	295,851	(219,214)
Medical claims growth rate	1%	<u>(220,787)</u>	<u>292,445</u>
		Increase Assumption by One Year	Decrease Assumption by One Year
Life expectancy		<u>(41,197)</u>	<u>41,197</u>

The weighted average duration of the liability in relation to the medical benefits is 33 years (2014 – 34 years).

**University of Technology, Jamaica**

## Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

**26. Employee benefit obligations (Continued)*****Principal actuarial assumptions used in valuing post-employment benefits***

The principal actuarial assumptions used in valuing post-employment benefits were as follows:

	2015	2014
	%	%
Discount rate	9.5	9.5
Inflation	8.5	8.5
Medical cost trend rate	8.5	8.5

Post-employment mortality for are based on the American 1994 Group Annuitant Mortality (GAM94) table.

**27. Related Party Transactions****(a) Transactions with related parties -**

	2015	2014
	\$'000	\$'000
Non-executive Council members:		
Meeting related fees and expenses	3,988	3,475
Consultancy fees	791	791

**(b) Key management compensation –**

	2015	2014
	\$'000	\$'000
Salaries and other short-term employee benefits	109,220	105,337
Allowances	30,846	25,359
Gratuity accrued	10,723	11,993
Payroll taxes – employer's contributions	2,946	3,737
Pension	4,889	2,966
Lieu of leave	305	1,915
Projects	2,593	2,415
Other	7,695	5,184
	<u>169,217</u>	<u>158,906</u>



## University of Technology, Jamaica

### Notes to the Financial Statements

31 March 2015

(expressed in Jamaican dollars unless otherwise indicated)

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#### 28. Commitments

Approval for capital expenditure commitments to be incurred over the next year for which no provision has been made in these financial statements is as follows:

	2015 \$'000	2014 \$'000
Authorised and not contracted for	1,501,618	3,294,420
Authorised and contracted for	<u>1,041,039</u>	<u>1,272,116</u>

#### 29. Contingent Liabilities

The University is subject to various claims, disputes and legal proceedings. Provision is made for such matters when, in the opinion of management and its professional advisors, it is probable that a payment will be made by the University, and the amount can be reasonably estimated.

In respect of the claims asserted against the University, which have not been provided for, management is of the opinion that such claims are either without merit or can be successfully defended or will result in exposure to the University which is immaterial to both financial position and results of operations.



## APPENDICES

### COUNCIL OF THE UNIVERSITY

#### Ex-Officio Members

##### Chancellor

The Most Hon. Edward Seaga, ON, PC

##### Pro-Chancellor

Mr. Vivian Crawford, OD

##### Honorary Treasurer

Mr. Dennis Chung

##### University President

Professor the Hon. Errol Morrison, OJ *(Seceded to Ministry of Science, Technology, Energy and Mining wef from June 1, 2014)*

Ambassador the Hon. Burchell Whiteman, OJ *(Acting President wef June 1, 2014)*

##### Deputy President

Prof. Colin Gyles *(Appointed wef January 5, 2015)*

##### Vice President, Student Services & University

##### Registrar (Secretary)

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##### Alumni Association President

Mr. Ronald Sutherland

##### Students' Union President

Miss Delta Wright

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##### Chancellor's Nominee

The Most Hon. Errald Miller

##### Professional Societies Association

Dr. Shane Alexis

##### Ministry of Education Representatives

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Mr. Carlton Williams

##### Private Sector

Mr. Ryland Campbell

##### Prime Minister's Nominee

Dr. Warren Blake

##### Association of Caribbean & Tertiary Institutions

Dr. Angella Samuels-Harris

##### UAWU Representative

Mrs. Stancy Mighty-Dixon

##### Academic Staff Union

Mrs. Olubusola Akinladejo

##### Administrative and Support Staff Association

Mr. Christopher Spencer

##### Deans' Representative

Dr. Carol Archer

##### Principal Lecturers, Associate Professors and

#### Professors' Representative

Dr. Paul Golding

#### Co-opted Members

Mrs. Eleanor Jones

Mr. Eric Frater *(Deceased October 3, 2014)*

Mr. Earl Samuels

### ACADEMIC BOARD

#### President (Chair)

Professor the Hon. Errol Morrison, OJ *(Seceded to Ministry of Science, Technology, Energy and Mining wef from June 1, 2014)*

Ambassador the Hon. Burchell Whiteman, OJ *(Acting President wef June 1, 2014)*

#### Deputy President

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#### Vice President, Student Services & University

#### Registrar (Secretary)

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Dr. Kofi Nkrumah-Young

#### Chief Business and Finance Officer

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#### University Librarian

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Associate Professor Paul Golding

Professor Claudette Williams-Myers

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Associate Professor Rohan Lewis

#### Dean, Faculty of The Built Environment

Associate Professor Carol Archer

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Professor Gossett Oliver, OD

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Dr. Winsome Russell

#### Associate Vice President, Distance Learning

Dr. Jeanette Bartley-Bryan

#### Head, Caribbean School of Architecture



## APPENDICES

Mr. L. Mark Taylor

**Academic Staff Representative**

**College of Business and Management**

Mrs. Olubusola Akinladejo

**Academic Staff Representative**

**Faculty of Engineering & Computing**

Prof. Nilza Smith

**Academic Staff Representative**

**Faculty of Education & Liberal Studies**

Assoc. Professor Leonie Clarke

**Academic Staff Representative**

**Faculty of The Built Environment**

Mr. Desmond Hall

**1<sup>st</sup> Vice President, Students' Union**

Mr. Jovan Codling

**President's Nominees**

**Director, Community Development & Service**

Mr. Seymour Riley

**Faculty of Law**

Mr. William Potopsingh

**School of Oral Health Sciences**

Dr. Doryck Boyd

**Acting Principal, UTech, Jamaica Academy**

Prof. Geraldene Hodelin, OD

### OFFICERS OF THE UNIVERSITY

**Chancellor**

The Most Hon. Edward Seaga, ON, PC

**Pro-Chancellor**

Mr. Vivian Crawford, OD

**Honorary Treasurer**

Mr. Dennis Chung

**President**

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**Vice President, Development and Community Service**

Professor Rosalea Hamilton

**Vice President, Student Services & University Registrar**

Dr. Elaine Wallace

**Chief Business and Finance Officer**

Mr. Lorence Brown *(Appointed wef June 2, 2014)*

**University Librarian**

Mr. David Drysdale

**University Orator**

Mrs. Pamela Kelly

### VICE-PRESIDENTS

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**Associate Professor & Vice President, Planning and Operations**

Dr. Kofi Nkrumah-Young

**Vice President, Human Resources & Administration**

Mrs. Jennifer Ellis

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**Associate Vice President, Advancement**

Mr. Hector Wheeler

**Associate Vice President, Distance Learning**

Dr. Jeanette Bartley-Bryan

**Associate Vice President, Legal Affairs**

Professor Kent Pantry, CD, QC

**Associate Vice President, Undergraduate Studies**

Dr. Haldane Johnson

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Associate Professor Paul Golding

**College of Health Sciences**

Associate Professor Ellen Campbell-Grizzle

**Joint Colleges of Medicine, Oral Health and Veterinary Sciences**

Dr. Irving McKenzie

**Faculty of Education & Liberal Studies**

Associate Professor Rohan Lewis

**Faculty of Engineering & Computing**

Professor Nilza Smith

**Faculty of Law**

Mr. Alfred McPherson

**Faculty of Science and Sport**

Professor Colin Gyles

**Faculty of The Built Environment**

Associate Professor Carol Archer





## APPENDICES

### ASSOCIATE DEANS

#### Caribbean School of Nursing

Dr. Hermi Hewitt *(Resigned wef December 31, 2014)*

#### College of Business & Management

Associate Professor Neville Swaby

Associate Professor Dr. Claudette Williams-Myers

#### College of Health Sciences

Dr. Cliff Riley *(Resigned January 2015)*

#### Faculty of Law

Miss Dawn McNeil – Montego Bay Campus

### VICE DEANS

#### College of Business & Management

Dr. Neville Swaby

#### College of Health Sciences

Dr. Janet Campbell-Shelly

#### Joint Colleges of Medicine, Oral Health and Veterinary Sciences

Dr. Doryck Boyd

#### Faculty of The Built Environment

Mr. L. Mark Taylor

#### Faculty of Education & Liberal Studies

Dr. Cynthia Onyefulu

#### Faculty of Engineering & Computing

Miss Karlene Black *(Appointed wef January 2, 2015)*

Dr. Vernon Buchanan *(Tenure ended December 2014)*

#### Faculty of Law

Mr. William Potopsingh

#### Faculty of Science and Sport

Dr. Beverley Myers

### COLLEGE/SCHOOL & DEPARTMENT HEADS

#### Caribbean School of Architecture

Dr. Patricia Green *(Appointed wef September 2014)*

Dr. Rohan Bailey *(Tenure ended August 2014)*

#### School of Building & Land Management

Mr. Laurence Neufville *(Appointed wef September 2014)*

Mrs. Cadien Murray-Stuart *(Tenure ended August 2014)*

#### School of Business Administration

Mr. Clavery Allen

#### School of Hospitality & Tourism Management

Dr. Gaunette Sinclair-Maragh *(Appointed wef September 2014)*

Mrs. Marilyn Robinson-Cornelius *(Tenure ended August 2014)*

#### School of Technical & Vocational Education

Dr. Leonie Clarke

### Department of Liberal Studies

Dr. Nova Gordon-Bell

### School of Computing & Information Technology

Mr. Arnett Campbell

### School of Engineering

Dr. Noel Brown

### Joan Duncan School of Entrepreneurship, Ethics and Leadership

Mr. Michael Steele

### School of Pharmacy

Dr. Sean Moncrieffe

### School of Allied Health and Wellness

Mr. Greg Louis Austin

### Caribbean School of Nursing

Mrs. Beverly King

### School of Public Health and Health Technology

Professor Winston Davidson

### School of Natural and Applied Science

Dr. Kamilah Hylton

### School of Mathematics and Statistics

Mr. Errol Rowe

### Caribbean School of Sport Sciences

Mr. Orville Byfield *(Acting)*

### Head, Centre for Science-Based Research Entrepreneurship and Continuing Studies

Dr. Andrew Lamm *(Appointed wef September 2014)*

Dr. Debbie-Ann Gordon-Smith *(Tenure ended August 2014)*

### UTech/JIM School of Advanced Management

Associate Professor Neville Swaby

### ACADEMIC STAFF (FULL TIME)

### COLLEGE OF BUSINESS & MANAGEMENT

#### Associate Professors

Associate Professor Paul Golding - Dean

Associate Professor Claudette Williams-Myers

Associate Professor Neville Swaby

#### School of Business Administration

#### Senior Lecturers

Mrs. Olubusola Akinladejo

Dr. Girjanauth Boodraj

Mr. Clavery Allen

Mrs. Vanetta Skeete

Miss Celia McKoy



## APPENDICES

Mrs. Joan Lawla  
Mrs. Sharon Nelson  
Mr. Courtney Garrick

### Lecturers

Ms. Carrol Barnes  
Mr. Randell Berry  
Ms. Janice Blackwood  
Mr. Roger Brown  
Mr. Orville Brown  
Dr. Carllys Cadogan  
Mr. Jeffrey Clarke  
Mrs. Ena Clato Day  
Mr. Damien Francis  
Mr. Oswy Gayle  
Ms. Terry-Ann Gaynor  
Mr. Richard Grant  
Mr. Henry Harley  
Mr. Patrick Harley  
Ms. Elorene A. Hewitt  
Mr. Everett Hyatt  
Mr. Mark Jackson  
Mr. Phillip James  
Mrs. Preeti Kulkarni  
Mrs. Elizabeth Libert  
Mr. Gregory Linton  
Ms. Sonia Mattis  
Mrs. Deonette McInnis-Lambert  
Mr. James McNish  
Mr. Clifton Neil  
Mr. Michael Nicholson  
Mr. Samuel Parkes  
Dr. Marlene Phillips  
Mrs. Jacqueline Reid  
Mr. Patrick Reid  
Mrs. Patricia Roberts-Brown  
Mrs. Sherlette Rookwood-Brown  
Mrs. Heather Scott-Brown  
Mrs. Georgia Silvera-Finnikin  
Miss Michelle Thompson  
Ms. Myrtle Weir  
Miss Petula White  
Mr. Shelley Whittle  
Miss Sharon Wilson  
Miss Simone Bewry  
Miss Danielle Sawyers-Brammar  
Dr. Locksley Henry  
Miss Atherine Lee  
Mrs. Beverly Tulloch  
Miss Adian Miller  
Mrs. Flo Angus

Ms. Karlene Bailey  
Mrs. Camille Bent-Jarrett  
Mr. Milton Bernard  
Mrs. Marjorie Clarke  
Mr. Christopher Colyard  
Mrs. Rosemarie Dixon-Doldron  
Mrs. Theresa Easy  
Mrs. Collette Folkes  
Mr. David Gordon-Rowe  
Mrs. Elona Grant-Hewitt  
Dr. Locksley Henry  
Mrs. Brigitt HooSang  
Mr. Samuel McCook  
Ms. Geraldine McDonald  
Ms. Georgia McLeod  
Mr. Carlington Montgomery  
Ms. Yvette Richards  
Mrs. Diana Shakes  
Mr. Ewan Shaw  
Mr. Jonathan Smith  
Mrs. Valoris Smith  
Ms. Camille Walfall  
Mr. Lloyd Wint  
Mr. Kirwin Hamil  
Miss Sophia McIntosh

Assistant Lecturer

Miss Jodi-Kaye Watson

### UTECH/JIM School of Advanced Management

Mrs. Ruth Owen-Wright

### Joan Duncan School of Entrepreneurship, Ethics & Leadership (JDSEEL)

### Senior Lecturer

Mr Michael Steele

### Lecturers

Dr. Andrea Barrett  
Dr. Michelle Black  
Miss Novelette Cooke  
Mr. Irwin Errol Gregory  
Mr. Frederick Mills  
Dr. Roger Smith  
Mr. Orville Reid



## APPENDICES

### School of Hospitality and Tourism Management

#### Associate Professor

Associate Professor Gaunette Sinclair-Maragh –  
Head of School

#### Senior Lecturers

Miss Winifred Almon  
Mrs. Marilyn Robinson-Cornelius

#### Lecturers

Ms. Elecia Bethune  
Mrs. Charmaine Blackwood-Murphy  
Mrs. Norene Brown-Roomes (*On study leave*)  
Mr. Ceretsie Campbell  
Mr. Khalil Campbell  
Mr. Nigel Cooper  
Mr. Michael Edwards  
Ms. Althea Gooden  
Ms. Karen Harvey  
Mrs. Nicole Haye-Walters  
Mrs. Rosemarie Headley-Smith  
Mrs. Sharmon Johnston  
Miss Camille Jackson  
Mrs. Donna Kelly (*On study leave*)  
Ms. Sheila Livingston (*On leave of absence*)  
Mrs. Janeen McNish  
Mr. Winston Piper  
Ms. Rosalee Sawyers  
Mrs. Ava Sewell-Williamson  
Ms. Anakaye Matheson - McLean  
Mrs. Simone Walker-Barrett  
Mrs. Deanna Marchalleck  
Ms. Camara Richards  
Mr. Nigel Cooper  
Mrs. Rosemarie Donaldson-Ivey (*On study leave*)  
Mr. Hugh Simmonds (*On study leave*)  
Mrs. Marcia Fraser-Cummings  
Ms. Beinetch Watson

### COLLEGE OF HEALTH SCIENCES

#### Associate Professors

Associate Professor Ellen Campbell-Grizzle (*Dean*)  
Associate Professor Cliff Riley, Associate Dean,  
Graduate Studies & Research (*Resigned January 2015*)  
Associate Professor Janet Campbell-Shelly (*Vice Dean*)  
Associate Professor Eugenie Brown-Myrie

### Caribbean School Of Nursing

#### Professor

Dr. Hermi Hewitt (*Demitted Office Dec. 2014*)

#### Senior Lecturer

Mrs. Beverly King (*Head of School*)

#### Lecturers

Miss Andrea Atterbury  
Dr. Adella Campbell  
Ms. Anthonette Patterson  
Abuka Usman  
Mrs. Binol Balanchandar (*Appointed September 2014*)  
Ms. Deveree Stewart  
Mr. Terry Campbell (*Resigned August 2014*)  
Miss Marsha Cole (*Resigned August 2014*)  
Mr. Christopher Ekpo  
Mrs. Karen Jones  
Mrs. Keron Jones-Fraser  
Ms. Paula Robinson  
Miss Paulette Larmond  
Dr. Pauline Weir  
Miss Lisa McDonald Mrs. Marjorie Ming  
Mrs. Alta Mowatt  
Mrs. Sylvia Morgan  
Mrs. Andrea Pusey-Murray  
Miss Vivette Tulloch  
Mr. David Udo

### School of Allied Health and Wellness

#### Senior Lecturers

Mr. Greg-Louis Austin (*Head of School*)  
Mrs. Sheerin Eyre  
Dr. Stephanie Corinthian-Reid

#### Lecturers

Mrs. Leena Desari  
Dr. Christine Fray-Aiken  
Mrs. Tracey Falconer  
Mrs. Nola Hill-Berry  
Mr. Michael Lee  
Miss Marion Mclarty  
Miss Gillian Mignott  
Mrs. Karyl Powell-Booth  
Miss Patrice Reid  
Mrs. Ava Simpson  
Miss Kerry Weatherly (*Appointed September 2014*)  
Mr. Maeton Sylvester (*Pro-Rated*)



## APPENDICES

Mrs. Lois Rainford (*Pro-Rated*)  
Mrs. Joan Rhule  
Dr. Sonia Richards-Malcolm  
Mrs. Nellian Hutton-Rose  
Mrs. Vanessa White-Barrow  
Mrs. Primla Williamson-Munroe  
Mr. Meredith Williams  
Mrs. Janice Wissart  
Professor Fitzroy Henry  
Dr. Denise Daley-Beckford (*Appointed September 2014*)

### School of Pharmacy

#### Senior Lecturer

Dr. Sean Moncrieffe (*Head of School*)

#### Lecturers

Mr. Paul Ellis (*Tenure ended August 2014*)  
Mrs. Simone Badal-McCreath (*Pro-Rated*)  
Dr. Janice Bunting-Clarke  
Dr. Juliette Gordon  
Mrs. Novlette Mattis-Robinson  
Mrs. Yvonne Reid  
Dr. Ernestine Roberts-Watson (*Pro-rated*)  
Mr. Ravindra Sajja (*on study leave*)  
Dr. Janette Stewart  
Miss Judy Thomas  
Dr. Cameil Wilson-Clarke  
Mrs. Donna-Marie Wynter-Adams  
Ms. Bridgette Moodie-Henry  
Mrs. Sherika Whitelocke-Ballingsingh

#### Assistant Lecturers

Miss Trina Muir  
Mr. Rasheed Perry  
Miss Tisca Harris  
Miss Stephanie Mullings  
Miss Meleacia Pinnock  
Miss Nickania Pryce  
Miss Lisa Scarlett

### FACULTY OF EDUCATION & LIBERAL STUDIES

#### School of Technical & Vocational Education

#### Professor

Dr. Simon Yalams

#### Associate Professors

Dr. Cynthia Onyefulu - Vice-Dean  
Dr. Leonie Clarke - Head of School  
Dr. Jennifer Hall

#### Senior Lecturers

Dr. Shermaine Barrett  
Mr. Clive Thompson  
Mrs. Anita Thomas James  
Dr. Carmel Roofe-Bowen  
Mr. Michael Anthony Dobson-Lewis  
Mrs. Cynthia Perriel-Clarke

#### Lecturers

Mr. Wasiu Abayomi  
Dr. Tom Amonde (*Resigned December 2014*)  
Mr. Abdul Antoine  
Miss Gelefer Bartley  
Ms Jill Becker  
Ms Janet Brown  
Miss Nardia Brown  
Mrs. Pearline Carr  
Mrs. Fay Christian  
Mrs. Vivian Clarke  
Mr. Howard Cole  
Mrs. Audrey DaCosta (*On study leave*)  
Mrs. Icilda Ffrench  
Miss Sharon Hall  
Miss Grace Hughes  
Mr. Everton Lewis  
Dr. Hope Mayne  
Mrs. Rachelle Sinclair-McFarlane  
Mrs. Jennifer McKenzie  
Mrs. Carol Nathan (returned from study leave in April, 2015)  
Mr. Wilbert Nunes  
Mr. Courtney Palmer  
Dr. Gareth Phillips  
Mr. Granville Pitter (*On study leave*)  
Dr. Barrington Reid  
Mr. Dean Reid  
Dr. Keshawna Salmon-Ferguson  
Mr. Richard Samuels  
Mrs. Genevieve Shaw  
Mrs. Eraldine Williams-Shakespeare (*on study leave*)  
Mrs. Leonie Simms  
Mr. Stephen Wallder



## APPENDICES

### School of Humanities and Social Sciences

#### Senior Lecturers

Dr. Nova Gordon-Bell - Head of School  
Miss Sheila Coulson  
Dr. Clover Jones McKenzie  
Mr. Balford Lewis  
Dr. Martin Schade

#### Lecturers

Ms. Maribel Alao  
Mrs. Victoria Angus-White  
Mrs. Stephanie Anderson-Chung  
Ms. Kai Barratt  
Miss Simone Berry  
Mrs. Rena Blackwood-McIntosh  
Mrs. Joan Black  
Mrs. Nicole Cameron *(On study leave)*  
Miss Clovia Dixon  
Ms Tanya Davies  
Ms. R. Christina Fenton  
Miss Kerice Fletcher  
Ms Mariana Gonzales  
Dr. Sylvia Hall  
Ms Grace Hamilton  
Mrs. Audene Henry-Harvey  
Mrs. Sheena Johnson-Brown  
Mrs. Beverly Josephs  
Mr. Warrick Lattibeaudaire  
Mr. Henry Lewis  
Mr. Sydney Lowrie  
Mrs. Esmine Lundy  
Dr. Harold McDermott  
Ms Keneisha Nelson *(On study leave)*  
Dr. Judith Orogun *(On vacation leave)*  
Miss Nneka Reid  
Mrs. Carmen Rodriguez-Schade  
Ms. Edmarie Scott  
Mr. Jerome Shepherd  
Mr. Andrew Smith  
Miss Daidrah Smith  
Mrs. Michelle Stewart-McKoy  
Dr. Karl Whyte  
Miss Alicia Williams

### FACULTY OF ENGINEERING & COMPUTING

#### School of Computing & Information Technology

#### Principal Lecturer

Dr. Wessel Thomas

#### Senior Lecturers

Dr. Felix Akinladejo  
Mr. Arnett Campbell  
Mrs. Charmaine DeLisser  
Mrs. Sophia McNamarah  
Dr. Valeri Pougatchev

#### Lecturers

Miss Kisha-Gaye Anderson  
Ms. Denise Allen  
Mrs. Claudine Allen  
Dr. Sherene Bogle  
Mr. Basil Clarke  
Mrs. Sirisha Chodavarap-Badhika  
Miss Opal Donaldson  
Mr. Tyrone Edwards  
Mr. John Ehikhametalor  
Mrs. Lisa Facey-Shaw  
Mr. Stanford Graham  
Mr. Andrew Gordon  
Mrs. Elmarine Jimenez  
Mr. Laurie Leitch  
Ms. Jenice Lynch  
Mrs. Nadine Maitland  
Mrs. Michelle March  
Mr. Ryan Meeks  
Ms. Susan Muir  
Mrs. Caroline Parkes  
Mrs. Arleen Penrose-Whittaker  
Mrs. Latoya A. Smith  
Mr. Waldin Stone  
Mr. Leon Stenneth  
Mr. Dain Taffe  
Miss Vanesa Tennant  
Mr. Dwight Thomas  
Mr. Sean Thorpe  
Mr. Christopher Udeagha  
Dr. Janet Walters-Williams  
Dr. Damith Wickramanayake  
Mr. Ray Williams



## APPENDICES

### **Assistant Lecturers**

Ms. Kahaliah Burrell  
Mr. Matthew Bryan  
Mr. Kedrian James  
Mr. Jullian Jarrett  
Mr. Rushane Jones  
Mr. Lushane Jones  
Miss Christine Maxwell  
Mr. Shawn Meggoe  
Mr. David White

### **School of Engineering**

#### **Professors**

Prof. Nilza Smith - Dean

#### **Principal Lecturers**

Dr. Vernon Buchanan  
Mr. Maurice Fletcher  
Mr. Brian Silvera

#### **Senior Lecturers**

Mr. Shaffie Ali  
Mr. Sylvan Senior  
Dr. Noel Brown

#### **Lecturers**

Ms. Karine Airapetian  
Mr. Joseph Atkinson  
Mr. Richard Bent  
Mr. Trevor Bennett  
Mr. Everett Bonnick  
Ms. Lisa Bramwell  
Mr. Dorr Campbell  
Dr. Paul Campbell  
Mrs. Jan-Cherie Campbell-Fraser  
Dr. Therese Chambers  
Dr. Tameka Clarke-Douglas  
Mr. Kavian Cooke  
Mr. Leonard Daley  
Mr. Darron Fraser  
Mr. Howard Guthrie  
Dr. Louis-Ray Harris  
Mr. Howard Hendricks  
Mr. Ray Senior  
Mr. Noel Sinclair  
Mr. Shallon Stubbs  
Mr. Balvin Thorpe  
Mr. Damian Tomlin

Major G. Junor Virgo

Mr. Paul Ward

Dr. Earle Wilson

Miss Audra-Jade Morrison

Mr. Kevon McAnuff

#### **Assistant Lecturers**

Mr. Sahlu Baker

Mr. Leslie Facey

Miss Paula Henry

Mr. Jovan Ledgister

Mr. Andrea Lindsay

Mr. Javan McLean

Mr. Kirkland Rowe

Ms. Shauna-Kay Woolery

### **JOINT COLLEGES OF MEDICINE, ORAL HEALTH AND VETERINARY SCIENCES**

#### **Interim Dean**

Dr. Irving McKenzie

#### **Vice Dean**

Dr. Doryck Boyd

#### **Curriculum Specialist**

Mrs. Patricia Bullock

#### **Adjunct Professors**

Professor Page Caufield

Professor Ronald Guttu

Professor Van Haywood

Professor Sheldon Winkler

Professor Gary Glassman

Professor Leendert Boksman

#### **Professor**

Dr. Cyril Fletcher

#### **Associate Professors**

Dr. Winston Grey

Dr. Su Yin Htun

#### **Senior Lecturers**

Dr. Marcia Andrade-Campbell

Dr. Ruth A. Hawkins-Salmon

Dr. Douglas Welds

Dr. Crofton Stroud

Dr. Earl Green *(resigned December 2014)*



## APPENDICES

### Lecturers

Dr. Claudia Brown  
Dr. Claudia Leon  
Ms. Myrna Davis  
Dr. Fredrick Foote  
Dr. Elizabeth Garcia  
Dr. Eugenia Hines  
Dr. Pamela McLaughlin  
Ms. Valrie McKenzie  
Ms. Marva Peck  
Dr. Ryan Wilson  
Dr. Thin Khin

### SCHOOL OF PUBLIC HEALTH AND HEALTH TECHNOLOGY

#### Professors

Dr. Winston Davidson  
Professor Homero Silva

#### Senior Lecturers

Mrs. Audrey Hussey  
Dr. Valrie Brown-Holder

#### Lecturers

Mrs. Valerie Noble-Myrie  
Mrs. Salomie Brown-Williams  
Mr. Delwin Ferguson  
Miss Jeffericia Johnson  
Miss Ivy Limonius  
Mrs. Lorna Miller-Henry  
Mrs. Patsy Lindo-Wood  
Mrs. Marcia Thelwell-Reid  
Mr. Leroy Walters  
Mrs. Sybil Whittle  
Mr. Naphtali Williamson

### FACULTY OF LAW

#### Papine Campus

##### Dean

Mr. Alfred McPherson

##### Associate Vice President

Prof. Kent Pantry, CD, QC

### Lecturers

Ms. Althea Anderson  
Mr. Raun Barrett  
Ms. Tara Carnagie  
Mr. Michael Gonzales  
Ms. Olive Lyn  
Mr. Harold Malcolm  
Dr. Keste Miller  
Mr. William Potopsingh  
Ms. Tyeesh Reid  
Ms. Ayisha Robb  
Mrs. Marcia Robinson  
Mrs. Shauna-Kaye Smith  
Ms. Ellory Taylor

#### Montego Bay Campus

##### Associate Dean

Ms. Dawn McNeil

#### Lecturers

Ms. Kimberly Cardoza  
Ms. Tamika Spencer  
Ms. Tanya Golaub

### FACULTY OF SCIENCE AND SPORT

#### School of Natural and Applied Sciences

##### Professors

Dr. Colin Gyles (Dean) *(Tenure ended December 31, 2014.  
Appointed Deputy President wef January 2015)*  
Dr. Beverley Myers *(Appointed Acting Dean wef January 2015)*

##### Senior Lecturers

Dr. Marcia Andrade-Campbell  
Mrs. Enid Dennis-Barnett  
Dr. Kamilah Hylton – Head of School  
Dr. James Smith  
Mr. Patrick Williams

##### Lecturers

Mr. Chad Andrade  
Ms. Kayon Barrett  
Dr. Kerrie-Ann Bartley-Hynes  
Dr. Deon Bennett  
Mr. Junior Bennett  
Ms. Nikki Bramwell  
Dr. Melessa Brown  
Mr. Linton Calder



## APPENDICES

Dr. Sacha Campbell  
Dr. Aneisha Collins  
Mr. Garth Dawkins  
Mrs. Debbie Devonish  
Mrs. Andrea Fender-Longman  
Mr. George Ferriera  
Dr. Sheena Francis  
Ms. Natwaine Gardener  
Mr. Anson Gilbert  
Dr. Gabriel Harewood  
Ms. Clayton Harrison  
Mrs. Adonna Jardine-Comrie  
Mr. Robert Johnson  
Mr. George Kurian  
Dr. Kathleen Lobban  
Mr. Rudolph Mangaroo  
Mr. Raymond Martin  
Mrs. Tamara Martin  
Mr. Laten Mcleish  
Dr. Beverley Myers (*Vice Dean*)  
Mr. Damian Nesbeth  
Ms. Donna-Marie Newby  
Ms. Christine O'Sullivan  
Dr. Melissa Sanderson  
Dr. Shirley Thomas  
Mrs. Nadia Watson-Spence  
Dr. Cecelia Waugh-Hall  
Mrs. Carrol White  
Dr. Kenesha Wilson  
Mr. Kirk Wilson

### Assistant Lecturers

Ms. Stacy-Ann Nelson  
Mr. Herter Wilmot-Simpson

### Caribbean School of Sport Sciences

#### Lecturers

Mrs. Naheel Brown  
Mr. Orville Byfield (*Head of School - Acting*)  
Mrs. Gradle Grant  
Mr. Paulton Gordon  
Dr. Dennis Johnson  
Dr. Lorie Lawrence  
Mr. David Richards  
Mr. Osbourne Samuels  
Mr. Andre Waugh  
Mrs. Denise Wisdom

### Department of Sport

#### Director

Mr. Laurence Garriques (*Acting*)

### School of Mathematics and Statistics

#### Senior Lecturers

Mr. Errol Rowe (*Head of School*)  
Dr. Winston Buckley  
Mrs. Ave McIntosh

#### Lecturers

Dr. Dorothy Akindede  
Miss Judith DeLisser  
Mr. David Findlay  
Miss Gerlyn Gray  
Mrs. Natalie Guthrie-Dixon  
Mr. Carlton Henderson  
Miss Verlaine Henry  
Mr. Olusegun Afis Ismail  
Mrs. Tessy Joy-Thomas  
Mr. Biju Maniaghattu  
Mrs. Alphonsa Matthew  
Mr. Raymond Mills  
Mr. Merrick Mullings  
Mr. Donovan Palmer  
Mr. Peter Palmer  
Mr. Glenroy Pinnock  
Ms. Terry-Ann Russell  
Mr. Gerald Scale  
Mrs. Binil Sebastian  
Mr. Winston Senior  
Mr. Xhano Soares  
Mr. Robin Thomas  
Mr. Fabian Vassel  
Mr. Gustwell Weir  
Mr. Kevin Williams  
Mr. Dennis Xavier  
Mr. Leslie Young

### Centre For Science-Based Research, Entrepreneurship And Continuing Studies (CSRECS)

#### Senior Lecturers

Dr. Andrew Lamm - *Director of Centre (Appointed September 2014)*  
Dr. Debbie-Ann Gordon-Smith (*Tenure ended August 2014*)  
Mr. Maurice Mcglashan





## APPENDICES

### FACULTY OF THE BUILT ENVIRONMENT

#### Caribbean School of Architecture

##### Associate Professor

Dr. Elizabeth Pigou-Dennis

##### Senior Lecturers

Mr. L. Mark Taylor - Vice Dean

Dr. Patricia Green *(Appointed as Head of School wef September 2014)*

Dr. Rohan Bailey *(Tenure ended as Head of School wef August 2014)*

Arch. Jacquiann Lawton

##### Lecturers

Mrs. Alison West-Martin

Miss Margaret Jarrett

Miss Denise Ramharrack

Mr. David Cuthbert

Dr. Raymundo Absin

Mr. Ainsley Mills

#### School of Building and Land Management

##### Associate Professors

Dr. Carol Archer *(Dean)*

Dr. Amani Ishemo

##### Senior Lecturers

Mr. Valentine McCook

Mrs. Cadien Murray-Stuart

Mr. Laurence Neufville

Mr. Glendon Newsome

Dr. Copeland Stupart

##### Lecturers

Mr. Fernandez Anderson

Dr. Earl Bailey

Miss Tina Beale

Mr. Alvin Clarke

Miss Crystal-Gail Clue

Mrs. Barbara Cooke

Mrs. Anetheo Jackson

Mr. Lebert Langley

Miss Julie-May Larmond

Mr. Bryan Leahing

Ms. Krystal-Kay McKenzie

Ms. Meisha-Marie Paul

Mr. Gregory Peake *(Semester 1 only: Aug -Dec 2014)*

Mr. Keneil Roberts

Mr. Patrick Rodney

Ms. Sherona Simpson

Miss Hilary Smith *(Semester 1 only: Aug -Dec 2014)*

Mrs. Jenevy Smith

Dr. Copeland Stupart

Dr. Garfield Young

##### Assistant Lecturers

Mr. Edson Carr *(wef January 2015)*

Mrs. Rochelle Channer Miller

Miss Tiffany Givans

Miss Clover DeSouza

Mrs. Jacqueline Douglas-Brown

Ms. Nola Elvey

Mr. Seymour Fisher

Mrs. Nadine Freeman-Prince

Mr. Desmond Hall

Mrs. Shelley-Ann Irons

### CENTRE HEADS

#### Caribbean Sustainable Energy and Innovation Institute (CSEII)

Associate Vice President-Sustainable Energy

Dr. Ruth Potopsingh

#### School of Graduate Studies, Research & Entrepreneurship

Manager, Projects and Operations

Mr. Martin Henry

### ADMINISTRATIVE OFFICERS

#### ACADEMIC AFFAIRS DIVISION

##### Curriculum Specialist

Dr. Audrey Thomas

##### Director, Professional Studies

Mr. Colin Davis

##### Head, Client Services Division, Library

Ms. Janet James

##### Head, Library and Information Systems Division, Library

Mrs. Richelle Harvey

##### Head, Collection Development Division, Library

Miss Glenda Dalling



## APPENDICES

### UTECH, JAMAICA WESTERN CAMPUS

#### Western Campus Coordinator

Dr. Joseph Grannum *(Appointed wef January 12, 2015)*

#### Acting Principal/Professor of Education

Dr. Geraldine Hodelin, OD *(Tenure ended wef January 2015)*

### OFFICE OF THE PRESIDENT

#### Internal Auditor

Mr. Dwight Sibbles

#### Human Resource Development Manager

Mrs. Norma Messam-Hinds

#### Compensation and Benefits Manager

Mrs. Antoinette Rockhead-Reid

#### Employee Labour Relations Manager

Miss Ava Weatherly

#### Health Services Administrator

Mrs. Heather White

#### Customer Service Advocate

Mrs. Tracey-Ann Pessoa

#### Senior Director, International and Institutional Linkages

Dr. Claire Sutherland

#### Personal Assistant to the President

Miss Patricia Mahoney

### FACULTY OF ENGINEERING & COMPUTING

#### Training Manager (Engineering)

Mrs. Margaret Christian

### FINANCE AND BUSINESS SERVICES DIVISION

#### Senior Director, Business & Asset Administration

Mrs. Carmen Facey

#### Director, Procurement

Mrs. Dennise Haldane

#### Director, Student Financing

Mrs. Garcia Green-McLennon

### DEVELOPMENT & COMMUNITY SERVICE DIVISION

#### Director, Community Development & Service

Mr. Seymour Riley

### ADVANCEMENT DIVISION

#### Corporate Communications Manager

Mrs. Michelle Beckford

#### Director of Marketing

Mr. Ivor Bennett

#### Alumni Relations Manager

Miss Cheryll Messam

#### Director, Centre for the Arts

Dr. Janice Lindsay *(Seconded to Ministry of Youth and Culture wef January 2015)*

### PLANNING AND OPERATIONS DIVISION

#### Senior Director, Planning & Operations

Mrs. Denise Stephenson-Hammil

#### Project Manager

Mr. Omar Brown

#### Consultant, Safety and Security

Mr. Robert Finzi-Smith

#### Director, Technology & Information Management

Mr. Glenville Boyne

#### Information Systems Manager

Mr. Elmarine Jimenez

#### Multimedia Development & Planning Manager

Mr. Carlyon Russell

#### Systems Analyst

Mr. Kenneth McHayle

#### Database Administrator

Mr. Oren Grant

#### Systems Analyst/Team Leader

Mr. Hugh Brown

#### Information Systems Administrator (TIC)

Mr. Oscar Green

#### Director, Facilities Management Department

Dr. O'Neil Roper

### Registrar

Mrs. Mercedes Dean

#### Deputy Registrar

Mrs. Dorsett Gabbidon-Pottinger

#### Assistant Registrar, Admissions

Mr. Barry Thomas

#### Assistant Registrar, Examinations

Mrs. Paulette Groves-Robinson

#### Assistant Registrar, Recruitment

Miss Kerry-Ann White

#### Assistant Registrar, University Secretariat

Mrs. Charmagne Mortley

#### Health Services Administrator

Mrs. Heather White

#### Career and Placement Officer

Mr. Maurice Colquhoun



## APPENDICES

### COLLEGE & FACULTY ADMINISTRATORS

#### College of Business & Management

Mrs. Sharon Anderson-Roach

#### College of Health Sciences

Miss Delva Barnes

#### Faculty of Engineering & Computing

Mrs. Paula Allen

#### Faculty of Education & Liberal Studies

Miss Claudine Campbell

#### Faculty of Law

Mrs. Karen Rhule

#### Faculty of Science and Sport

Miss Anna-Marie Thompson

#### Faculty of The Built Environment

Miss Sheryl Thomas

### EXECUTIVE ASSISTANTS

#### Academic Affairs Division

Miss Verna Morris

#### College of Business & Management

Mr. Anthony Townsend

#### College of Health Sciences

Mrs. Carren Brown

#### Faculty of Engineering & Computing

Miss Moya Johnson

#### Faculty of Education & Liberal Studies

Miss Carolene Lake

#### Faculty of Law

Mrs. Elaine Codner

#### Faculty of Science and Sport

Mr. Nodley Wright

#### Faculty of The Built Environment

Miss Stacey Palmer

#### Human Resources Division

Mrs. Janet Barrett

#### Office of the President

Mrs. Lorraine Watson

#### Office of the VP Student Services & University Registrar

Miss Debbie-Ann Harrison

#### Development & Community Service Division

Mrs. Norma Morgan

#### Planning and Operations Division

Miss Ingrid Vickerman

#### School of Graduate Studies, Research & Entrepreneurship

Mrs. Carol Newman-Rose

### MEMBERSHIP ON EXECUTIVE MANAGEMENT BOARDS

#### Mr. Vivian Crawford, OD

##### Chancellor

Member of the following Boards:

- The Institute of Jamaica
- The Jamaica National Heritage Trust
- The Stamp Commission
- The Mico University College
- The Jamaica Library Service

#### Professor the Hon. Errol Morrison, OJ

##### President

- Chair, National Innovation Awards Steering Committee – Ministry of Science, Technology, Energy and Mining
- Member, Board of Management of the University Council of Jamaica
- Member, National Committee for Science and Technology, Jamaica

#### Dr. Colin Gyles

##### Acting President

- Board Chairman, Charlemont High School, Ministry of Education
- Board Member, International Centre for Environmental and Nuclear Sciences (ICENS), UWI
- Member, Board of Commissioners, National Commission on Science and Technology (NCST).

#### Dr. Elaine Wallace

##### University Registrar

- Member of the Board, Broadcasting Commission

#### Associate Professor Kofi Nkrumah-Young

##### VP Planning & Operations

- Minister of Religion, Moravian Church in Jamaica
- Deputy Chair of Board, Students' Loan Bureau
- Member of Board and Chairman of Finance Committee, Bethlehem Moravian College, Jamaica
- Justice of the Peace – St. Andrew, Commissioned July 2000

Member of Board, The Vocational Training and Development Institute (VTDI)

Member, Jamaican Institute of Management (JIM)

Member, Finance Committee of the Moravian Church in Jamaica



## APPENDICES

Chairman of the Board, United Theological College of the West Indies  
Member, Patrick Hylton Committee for Financing Higher Education

### **Professor Gossett Oliver, OD**

#### **VP Graduate Studies, Research & Entrepreneurship**

- Chairman, Apprenticeship Board (*August 12, 2013 to July 31, 2016*)
- President, The Caribbean Accreditation Council for Engineering and Technology (CACET)
- Member of the following Boards:
  - Caribbean Maritime Institute (CMI)
  - Jamaica Tertiary Educational Commission
  - The National Council on Technical and Vocational Education and Training (NCTVET)
- Credit Committee of Co-op Credit Union Limited

### **Professor Rosalea Hamilton**

#### **Vice President, Development and Community Service**

- Member, **LASCO** Jamaica Ltd. Board
- Working Committee For MSMEs Financing -DBJ
- The **MSME** Alliance Board
- Institute of Law & Economics (**ILE**) Board
- Jamaica Wooden Products & Furniture Association (**JaWFA**) Board
- Red Hills Communities Development Association
- Partners for Transformation Committee
- Furniture Advisory Committee (**FAC**) of the Bureau of Standard, Jamaica
- Content Woodcraft Ltd (Board)
- Innovative Enterprises Ltd (Board)

### **Mr. David A. Drysdale**

#### **University Librarian**

- Member of Board of Directors/ Vice Chairman, Portland Cooperative Credit Union

### **Associate Professor Ellen Campbell-Grizzle**

#### **Dean, College of Health Sciences**

- Member, Pharmacy Council of Jamaica
- Member, Bureau of Standards Jamaica

### **Dr. Haldane Johnson**

#### **Associate Vice President, Undergraduate Studies**

- The Council of Community Colleges of Jamaica Board. Deputy Chairman and Awards Ratification Chairman. Member since June 2008.

- Jamaica Association for Technical and Vocational Education & Training (JATVET) - Vice President, November 2009 – Present
- Joint Board of Teacher Education (JBTE) Foundation. Member since October 2009. Currently Secretary.

### **Associate Professor Carol Archer**

#### **Dean, Faculty of The Built Environment**

- Deputy Chair, NRCA/TCPA
- Deputy Chair, SERHA
- Chair, National Chest Hospital
- Member, UDC Development and Planning Sub-Committee

### **Dr. Jeanette Bartley-Bryan**

#### **Associate Vice President, Distance Learning**

- Institutional Representative, University Council of Jamaica Distance Learning Standards Committee [2013- current]
- Institutional Representative, Bureau of Standards, ISO – Technical Workgroup: JTC1/SC 36 Information Technology for Learning [2013- current]
- Deputy Chair, Jamaica Research and Education Network (JREN) [2012 – present]
- Institutional Representative, JREN Taskforce & Chair JREN Governance Workgroup [2011-present]
- President, Jamaica Association for Distance and Open Learning (JADOL) [2009 – present]
- Chair of JADOL Linkages/Partnerships & Fund-raising Committees [2004-present]
- Institutional Representative, Commonwealth of Learning [2005 – present] & Project Director for COL-UTech Comm-University Project [2011- present]
- Institutional Representative, International Council for Open and Distance Education [2004 – present]
- Institutional Representative, Board of Global Development Learning Network for Latin America & the Caribbean (GDLN-LAC) [2004 – present]
- Institutional Representative, Caribbean Association for Distance and Open Learning (CARADOL) [2004 – present]

### **Professor Geraldene Hodelin, OD**

#### **Acting Principal, UTech, Jamaica Western Campus**

- Member, CXC National Committee (current)
- Member and Diocesan Representative; Board of Management, The Queens High School (current)
- Member, Jamaica Teachers' Services Commission



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(Ministry of Education)

**Dr. Irving McKenzie**  
**Interim Dean - Joint Colleges of Medicine, Oral Health and Veterinary Science**

- Member, Dental Council of Jamaica

**Associate Professor Leonie Clarke**  
**Vice Dean, Faculty of Education and Liberal Studies**

- Member, National Council on Technical and Vocational Education (NCTVET)

**Professor Kent Pantry, CD, QC**  
**Associate Vice President, Legal Affairs**

- Chairman, Jamaica Anti-Doping Commission (JADCO)
- Chairman, Consumer Affairs Tribunal

**Dr. Franklin Johnston**  
**Council Member, Minister of Education Nominee**

- Member of Board of Directors, NCB (UK)
- Minister of Education Representative on UWI Council
- Member of the Board, CASE
- Member-E-learning Committee
- Member-GC Foster Board of Directors
- Member, Ministry of Science and Technology logistics Committee
- Member, National Education Trust

**Dr. Warren Blake**  
**Council Member, Prime Minister's Nominee**  
Chairman of the Board, Sports Development Foundation of Jamaica

Member, National Council on Sports  
Member, Sports Tourism Committee

**Mr. Earl Samuels**  
**Council Member**  
Director and Chairman, Property Development Committee, Devon House Development Company

**Mr. Ryland Campbell**  
**Council Member, Private Sector Nominee**

- Deputy Pro-Chancellor and Vice Chairman of the Board of Directors, Mico University College
- Commissioner of the Board of Directors, The Early Childhood Commission

**Mr. Laurence Neufville**  
**Elected Member, UTech Academic Board/Lecturer, Faculty of The Built Environment -**

- Vice Chair, Titchfield High School Board of Governors
- Member, National Land Restoration Committee of the Ministry of Energy and Mining

**Prof. Winston Davidson**  
**Head, School of Public Health and Health Technology**

- Chairman, Bureau of Standards, Jamaica Ltd.
- Chairman, Profession Supplemental to Medicine
- Chairman, Boys Town Board
- Chairman, South West St. Andrew Trust

**Dr. Doryck Boyd**  
**Elected Member, UTech Academic Board/Lecturer, College of Oral Health Sciences**

- Member, Dental Council of Jamaica

## RESEARCH/PUBLICATIONS

**School of Graduate Studies, Research and Entrepreneurship**

### Books/Book Chapters

- **Hodelin, G. B. (2014)**. Ed. Family Socioeconomic and Cultural Issues: A Continuing Home Economics Concern (E-Publication). International Federation for Home Economics, BONN. [www.ifhe.org](http://www.ifhe.org).
- **Hodelin, G. B. (2014)**. Home Economics for family development – The continuing dialogue. In Family Socioeconomic and Cultural Issues: A Continuing Home Economics Concern (E-Publication). International Federation for Home Economic, BONN. pp 202 -205. [www.ifhe.org](http://www.ifhe.org).

### Peer-reviewed Journal Papers

- **Newman-Rose, C., (2014)**. An Analysis of Customer Service Offered to Graduate Students at the University of Technology, Jamaica. Journal of the Arts, Science and Technology (JAST). Vol. 7 2014 pp.116-131.
- **Paul W. Ivey**. Illuminating the Andragogical Dimensions of the Legacy of Marcus Mosiah Garvey, Jamaica's First National Hero. 2014. Journal of Arts, Science & Technology. Vol. 7. pp. 1-11. Lead paper.
- **Paul W. Ivey, Gossett Oliver, and 2014**. Evaluating the Impact of Research Produced by a



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Mission-Directed Emergent University. Journal of Research Administration. Vol. XLV, No. 2, pp.73-88.

**Martin Henry.**

- **Ellis, J., & Miller, P.** 2014. Providing higher education in post-modern times: what do university mission statements tell us about what they do and believe? Research in Comparative and International Education. 9 (1): 83-91.

### Conference Abstracts/Presentations/ Proceedings

- **Paul W. Ivey, Gossett Oliver, and Martin Henry.** Evaluating Research Performance within the Context of a Mission-Directed Emergent University. Presentation made at the 5th biennial congress of the International Network of Research Management Societies (INORMS), held in Washington DC, USA, from April 10-14, 2014.
- **Hodelin, G. B.** (June 26, 2014). On becoming my mother. Keynote presentation at the Opening General Session of the 105th Annual Conference and Expo of the American Association for Family Consumer Sciences (AAFCS). St. Louis, MO.
- **Hodelin, G. B.** (2014). "The role of Home Economics to address economic and social factors for families." International Federation for Home Economics Biennial Council. Meeting held in London, Ontario. IFHE: IFHE Council Meeting July 22, 2014 <https://www.ifhe.org/1062htm>".

### College of Business & Management Books/Book Chapters

#### Peer-reviewed Journal Papers

- **Sinclair-Maragh, G.** (2014). Resort-based or resource-based tourism? A case study of Jamaica. Emerald Emerging Markets Case Studies Publication.
- **Sinclair-Maragh, G., Gursoy, D. & Vieregge, M.** (2014). Residents' perceptions toward tourism development: A factor-cluster approach. Journal of Destination Marketing and Management.
- **Golding, Paul and Tennant, Vanessa.** Case titled "Market consolidation in the telecommunication sector." Journal of Information Technology Teaching cases.
- **James, Phillip.** A comparative analysis on performance of seven All Star investment models. Pan Pacific Journal of Business Research. Vol.5, No.2.

- **Paul Golding, Claudette Williams-Myers, Orville Reid, Michelle Black, Girjanauth Boodraj.** Global Entrepreneurship Monitor Jamaica Report.
- **Phillip C. James, Il-woon Kim, John J. Cheh.** 2014. Sector Rotation and Interest Rate Policy. International Journal of Business and Social Research (IJBSR), Volume -4, No.- 5, May, 2014.

### Conference Abstracts/ Presentations/ Proceedings

- **Gaunette Sinclair-Maragh.** 2014. A Demographic Analysis of Residents' Attitude towards Tourism Development in Jamaica and Post-Colonization and Tourism in Jamaica: A Discussion Paper.
- **Ava Sewell-Williamson.** A survey of students' perceptions of the community service program in the School of Hospitality and Tourism Management at the University of Technology, Jamaica. The Association of Caribbean Higher Education Administrators (ACHEA), 2014 Conference, July 10 to July 12, 2014 in Barbados, West Indies.
- **Girjanauth Boodraj.** Youth Entrepreneurship in small-island developing states in the Caribbean: A comparative study of Jamaica and Trinidad and Tobago". 12th Globelics International Conference.
- **Janeen McNish and Ceretsie Campbell.** The use of cassava. World Food Day Forum.

### Periodicals

- **Girjanauth Boodraj.** Are Jamaican Entrepreneurs Happy? Wealth Magazine. October – November, 2014. Issue 25.
- **Girjanauth Boodraj.** Is there a disconnect between entrepreneurship theory and practice? Wealth Magazine. August- September, 2014. Issue 24.
- **Girjanauth Boodraj.** "Entrepreneurs among world's happiest people ... but not in Jamaica" Gleaner
- **James Mc. Nish.** Article titled "Energising the economy through energy reform". Jamaica Observer.
- **Paul Golding.** "Give your business a kick in the shins". The Gleaner

### College of Health Sciences

#### Peer-reviewed Journal Papers

- **Modupeola Abayomi, Deon Bennett, Roy Porter, Janet Campbell-Shelly, Sarafadeen Adebayo.** In vitro antioxidant activity of Bixa orellana (Annatto)



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Seed Extract. *Journal of Applied Pharmaceutical Science* 4 (02): 101-106 (2014)

- **Christine Fray-Aiken.** Economic burden of Communicable and Non communicable Diseases in Jamaica: Is our research focus where it should be? *Farmeconomia. Health economics and therapeutic pathways* 15(3): 57-60 (2014).
- **Cliff K. Riley and Beverley Myers.** Incorporating interactive teaching approaches in the tertiary science classroom; benefits, challenges and deterrents to use Identified by lectures at a Jamaican university. *Science Journal of Education* 2(5): 146-151 (2014).
- **Cliff K. Riley, Perceval S Bahado-Singh, Andrew O. Wheatley and Helen N. Asemota.** Physicochemical properties of low-amylose yam (*Dioscorea* spp.) starches and their impact on - amylase digestion in vitro. *International Journal of Nutrition and Food Sciences* 3(5): 458-46.
- **Perceval S. Bahado-Singh, Cliff K. Riley, Henry I.C. Lowe, Charah T. Watson, Andrew O. Wheatley and Errol Y. Morrison.** Wound healing potential of *Tillandsia recurvata* and *Guaiacum officinale* in Type 1 Diabetic rats. *American Journal of Biomedical and Life Sciences* 2 (6): 146-149 (2014).
- **Errol Morrison, Shelly McFarlane, Cliff K. Riley and Novie Younger-Coleman.** Education to change the course of diabetes in the Caribbean. *Diabetes Voice*, 59: 44-46 (2014).

### Conference Abstracts/ Presentations/ Proceedings

- **S. Carter and E. Campbell-Grizzle.** Constructing examination support structures for a new online course of study in the Caribbean – the UTech experience. Proceedings of the 13th ACHEA Conference. July 10-12, 2014 Barbados.
- **E. Brown-Myrie. Iatrogenic diabetes and doping.** *West Indian Medical Journal*, Vol. 63 (Suppl 1): 30. 2014.
- **C. Fray-Aiken.** Nutrition, Diabetes and the Elite Athlete. *West Indian Medical Journal*, Vol. 63 (Suppl 1): 30. 2014.
- **F. Henry.** Nutrition for all ages. *West Indian Medical Journal*, Vol. 63 (Suppl 1): 34. 2014.
- **Campbell, K. Nelson and J. Cumming. (2014).** The abolition of user fee in the Jamaican Public Health System: Impact on Users' Access to Healthcare Services. *West Indian Medical Journal*, Vol. 63 (Suppl 1): 35. 2014.
- **G. Austin.** Prevention is better than cure: Strategies supporting corruption-free assessment practices in tertiary education- The UTech/COHS experience. Proceedings of the UCCI Caribbean Conference, March 19-21, 2014, Grand Cayman Islands.
- **C. K. Riley.** The role of tertiary institutions in safeguarding ethical standards: Challenges and Strategies towards institutional strengthening. Proceedings of the UCCI Caribbean Conference, March 19-21, 2014, Grand Cayman Islands.
- **F. Henry. Sports & Nutrition: Twins for success.** Proceedings of the 4th Annual Conference on Sports Sciences, April 11, 2014, Kingston, Jamaica.
- **C. Fray-Aiken.** Cost Implications of Communicable and Non-Communicable Diseases in Jamaica. Proceedings of the 2014 Health Professionals Conference. July 7-8, 2014.
- **F. Henry.** A Policy Approach to Obesity Control; The Role of Public Health Nutrition. Proceedings of the 2014 Health Professionals Conference. July 7-8, 2014.
- **Campbell.** Impact of the Free Health Care Policy on Access, Patient Care and Disease Management. Proceedings of the 2014 Health Professionals Conference. July 7-8, 2014.
- **C. K. Riley, S. S. Rodney, A. C. Harvey, A. O. Wheatley and H. N. Asemota.** Improving the Functionality of Starches for Use in Solid Dosage Systems. Proceedings of the 2014 Commonwealth Science Conference, Bangalore India, November 25-28 (2014).
- **D. Ferguson, C.K. Riley.** Mass Casualty Management for Small Island States where Resources are limited. 142nd APHA Annual Meeting and Exposition November 15-19 (2014).
- **McKenzie, C.K. Riley, D. Ferguson.** Building Effective Doping Prevention Strategies through Educational Campaigns amongst Jamaican Athletes. 142nd APHA Annual Meeting and Exposition November 15-19 (2014).
- **Grizzle, E. 2014.** End of a gentleman's agreement: New business imperatives for clinical training in the Health Sciences. College of Health Sciences, Lignum Vitae Lecture Presentation. University of Technology, Jamaica, May 15, 2014.
- **Grizzle, E. 2014.** Shifting the paradigm in Pharmacy



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Education: Lessons for developing states. Presentation to Inaugural Conference, Faculty of Education and Liberal Studies. May 28, 2014.

- **Grizzle, E., Hamilton, R., Lewis, R. 2014.** Building a Sustainable Culture of Respect at the University of Technology, Jamaica: Lessons and Pitfalls. Presentation to the Inaugural Conference, Faculty of Education and Liberal Studies. May 27, 2014.
- **Grizzle, E. 2014.** How advocacy works. Presentation at the Caribbean Health Leadership Conference. Grenada. June 18, 2014. Constructing examination support structures for a new online course of study in the Caribbean – the UTech experience, Presented at ACHEA 13th Annual Conference, July 10-12, 2014, Barbados.
- **Grizzle, E. 2014.** “Chikungunya Epidemic and Ebola Threat: Implications for the Jamaican People.” November 17, 2014. Stella Maris Pastoral centre, Kingston. Facilitator of a Public Forum-Pharmaceutical Society of Jamaica.

### Periodical

- **Grizzle, E. 2014.** “Continue to walk with integrity.” Pharmacy Week Message 2014 published in the Daily Gleaner, November 17, 2014.

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#### Peer-reviewed Journal Papers

- **Zwahlen, R. A., Jayaratne, Yasas S. N., Htun, Su Yin, Bütow, K. (2014).** Fracture of the vomero-premaxillary junction in a repaired bilateral cleft lip and palate patient. *Cranial Maxillofacial Trauma and Reconstruction*, 7(4):302-5.
- **Jayaratne, Yasas Shri Nalaka, Zwahlen, Roger Arthur, Htun, Su Yin, Bütow, K (2014).** Columella pressure necrosis: a method of surgical reconstruction and its long-term outcome. *BMJ British Medical Journal Case Rep* 5; 2014.
- **Nahmias, Y., Glassman, G., (2014).** Intra canal treatments for clinical success and patient comfort. *Journal of Oral Health*, 104(5), 71-75.

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- **Htun SY, Engelbrecht H, Bütow K-W (2015).** Interlink Of Two Syndromes - Demarquay-Van Der Woude And Popliteal Pterygium In One Family Group. *Journal of Craniofacial Surgery*: (Approved

to publish in 2015).

- **Engelbrecht H, Bunn BK, Htun SY, Bütow K-W. (2015).** Partial Duplication Of The Face (Diprosopus): A Report Of A Rare Case And Review Of The Literature. *Journal of Pediatric Surgery Case Reports*.
- **Roger A. Zwahlen, Yasas S.N. Jayaratne, Htun SY, Bütow K-W. (2014)** Fracture Of The Vomero-Premaxillary Junction In A Repaired Bilateral Cleft Lip-Palate Patient. *Journal of Craniomaxillofacial Trauma and Reconstruction*.
- **Yasas S.N. Jayaratne Roger A. Zwahlen, Htun SY, Bütow K-W. (2014)** Pressure Necrosis Of The Columella: A Reconstructive Strategy. *British Medical Journal, BMJ British Medical Journal*.

### Faculty of The Built Environment Books/Book Chapters

- **Bailey, Rohan (Dr.)** “ Predisposition to Concept Mapping: Case Studies of four disciplines in higher education”, (with G. Mackinnon, P. Livingston. Provençal and J. Saklofske) in *Digital Knowledge maps in Education: Technology enhanced support for teachers and learners*, D. Ifenthaler & R. Hanewald, ISBN 978 1 4614 3178 7, Springer e Books, 2014.
- **Green, Patricia (Dr.).** “Falmouth, Jamaica”, Encyclopaedia entry in *Encyclopaedia of Caribbean Archaeology*, Ed. Basil A. Reid and R. Grant Gilmore III, University Press of Florida. Florida, pp. 148 150.
- **Lawton, Jacquian (Arch).** *La Biennale di Venezia*, Global Art Affairs Foundation, Venice, Italy ISBN 978 94 90784 15 7, 2014 Pg. 230.
- **Pigou Dennis, Elizabeth (Dr.).** “Port Antonio, Jamaica” Encyclopaedia Entry in *Encyclopedia of Caribbean Archaeology*, ed. Basil A. Reid and R. Grant Gilmore III, University Press of Florida, 2014, pgs. 280 282.

### Peer-reviewed Journal Papers

- **Lawton, Jacquian (Arch.)** “Vision in Response: Disaster Risk Reduction,” *Journal of Arts Science & Technology*. Vol7, 2014 pgs 97 115 and the urban archipelagos of Europe” (with Adam Grydehoj) in *Island Studies Journal*, ISSN:1715 2593, Vol 9 Nov 2014. pgs. 259 276.
- **Pigou Dennis, Elizabeth (Dr.).** “Accidental and ideal island cities: islanding processes and urban design in Belize City and the urban archipelagos of Europe”





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(with Adam Grydehoj) in *Island Studies Journal*, ISSN: 1715 2593, Vol 9 Nov 2014. pgs. 259 276.

### Conference Abstracts/Presentations/Proceedings

- **Archer, Carol (Dr.)**. "The Development Approval Process as a Contributory Factor to Housing Affordability in Jamaica," Caribbean Association of Housing Financing Institutions Regional Conference, Kingston, Jamaica, October 2014.
- **Archer, Carol (Dr.) & Freeman Prince, Nadine (Mrs.)**. "The Role of the University in Place Making," Caribbean Urban Forum, Placemaking Conference, Barbados, 2014.
- **Douglas Brown, Jacqueline (Mrs.)**. "Towards Safe Placemaking: Demonstrating The Use Of Urban Design Elements To Enhance Safety In a university Town, Papine, Jamaica" with MSc Built Environment Students (Byfield, Rennai(Ms), Green Rupert ( Mr.), Green Yanique (Mrs), Hamilton, Wayneworth(Mr)). Caribbean Urban Forum, Placemaking Conference, Barbados, May, 2014.
- **Douglas Brown, Jacqueline (Mrs.)**. "Urban Design and Renewal, Its Impact On Crime, Safety and The Perception Of Safety in Downtown Kingston, Jamaica" Caribbean Urban Forum, Placemaking Conference, Barbados, May, 2014.
- **Green, Patricia (Dr.)**. "Community Engagement for Jamaican Heritage: Case Study on the Caribbean Historic Urban Landscapes". Poster presentation at International Scientific Symposium of the 18th General Assembly of the International Council on Monuments and Sites, Florence, Italy, November 2014.
- **Green, Patricia (Dr.)**. "Update tentative lists and improve the process for nominations "and " Continue to strengthen the capacities of the actors involved in the protection, conservation, management and promotion of heritage through the Caribbean Capacity Building Programme (CCBP)". Sub Regional Meeting for the Adoption of the Caribbean Action Plan for World Heritage (2014 2019), Havana, Cuba. 2014.
- **Neufville, Laurence**, 2nd.Latin American Regional Forum on Disaster Risk Reduction in Higher Education, Bogota Columbia Nov 2014.
- **Neufville, Laurence**, "Competencies and Tools Towards Innovation in DRM" "Ivan 10 Symposium " Caribbean Disaster Emergency Management

Agency, Grenada WI Dec. 2014.

- **Neufville, Laurence**, "Multi criteria decision making in selecting suitable sites for windfarms: a sustainable option for habitable places", Caribbean Urban Forum, Placemaking Conference, Barbados, May, 2014.
- **Newsome, Glendon**, "Land Records and the Jamaica Cadastral System", Land Conference, Trinidad & Tobago, October 2014.

### Periodicals

- **Cuthbert, David (Arch.)**. "7-Step Strategy for a More Sustainable Residential Jamaican Architecture." *Places & Spaces*, volume 4, Jan 2014, pg. 74 76. "Expanding your home What you Should Know". *Places & Spaces*, May 2014, volume 5, pg 29. "Questions to Ask Your Architect." *Places & Spaces*, volume 6, September 2014, p 95.

### Exhibitions

- **Lawton, Jacquiann (Arch.)**. "The Belize City Urban Study and Interventions, Caribbean School of Architecture" (with Arch S. Courtenay) La Biennale di Venezia, Global Art Affairs Foundation, Venice, Italy, June 7th November 23, 2014 And "Caribbean School of Architecture" (with Arch S. Courtenay) in TIME SPACE EXISTENCE Made in Europe.
- **Lawton, Jacquiann (Arch.)**. "Alpha Centre for the Arts: Alpha Spectacular" Red Bones, Kingston, Jamaica July 25, 2014.
- **West Martin, Alison**. "Sacred Geometry; Images from Istanbul", UTECH Jamaica Centre for the Arts, Exhibition, Feb. 2014.

### Faculty of Engineering and Computing Books/Book Chapters

- Pougatchev V. and Kulkarni A., "ICT Management in Non-Profit Organizations. Chapter 12: Online Strategic and Operational Planning Procedures in the Integrated Management Information Systems for Educational Institutions", pp. 192-222, ISBN13: 9781466659742; EISBN13: 9781466659759, Publisher: IGI Global (Disseminator of Knowledge Since 1988), International Publisher of Progressive Academic Research, Hershey PA, USA. 2013-2014

### Peer-reviewed Journal Papers

- **Erdem, S. and Blankson, M.** Environmental performance and mechanical analysis of concrete



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containing recycled asphalt pavement (RAP) and waste precast concrete as aggregate, *Journal of Hazardous Materials*, Vol.264; 2014.

- **Erdem, S.** and **Blankson, M.** Chloride-ion penetrability and mechanical analysis of high strength concrete and copper slag, *International Journal of Engineering Research and Applications*, Vol.4, Issue 5; 2014.
- **Henry, Paula, Virgo, G.** and **Campbell-Fraser, J.C.** *Journal Of Arts, Science and Technology* Volume 7 2014 Title: Effect of Cooperative Learning on the Performance and Attitude of Chemical Engineering Students in Mathematical Modelling at the University of Technology.
- **Facey-Shaw, Lisa** (2014). Fostering an Innovation Mindset amongst Jamaican Youth. *Journal of Arts Science & Technology*, Vol. 7, p82-96. 15p. Database: Caribbean Search (EBSCO).

### Conference Abstracts/Presentations/Proceedings

- **Josephs, Oneil.** Conference presentation for ACHEA Annual Conference 2014. Presentation theme: Creating Sound Work Integrated Education Programmes that are Responsive to Stakeholders' Needs.
- **Facey-Shaw, Lisa** (2014). Conference Presentation – Digital Badges and its Implications for Higher Education in Jamaica – An Exploratory Look; EduVision Conference, March 2014; Hilton Rose Hall.
- **Facey-Shaw, L., & Golding, P.** (2014). CG Ltd. (Name Disguised): Creating an IT Governance Strategy, Embryo Case, Proceedings of the 2014 North American Case Research Association (NACRA) Conference October 23 – 25, 2014 Austin, Texas. <https://nacra2014.files.wordpress.com/2014/11/nacra-2014-proceedings5.pdf>
- **Pougatchev V.** "Recurrent procedures for calculating numerical indicators of accomplishments of strategic/operational plans at all levels of the organization", World Congress: 10th International Conference on Mathematical Problems in Engineering, Aerospace and Sciences, Narvik, Norway, July 15 – July 18, 2014.
- **Rowe, Kirkland and Campbell, Paul** (2014), Numerical analysis of multi-bed activated carbon/methanol absorption refrigeration system with allowance for dynamic pressure variations." 3rd IIR

Conference on Sustainability and the Cold Chain. Twickenham, London, UK.

### Faculty of Education and Liberal Studies Books/Book Chapters

- **Mayne, Hope and Miller, Paul** (2014) co-authored a Book chapter - "Preparing Student Teachers to Become Leaders of Change in the Global Context" in the book, "Building Cultural Community through Global Educational Leaders."
- **Mayne, Hope** in collaboration with **Miller, Paul** authored a book chapter – "Teacher educators in Jamaica becoming leaders of change in the global context" in the book *Building cultural community through global educational leadership* (S. Harris & J.R. Mixon (Eds). Ypsilanti, MI: NCPEA Press.)
- **Barrett, Shermaine, Williams-Shakespeare, Eraldine,** and **Yalams, Simon** submitted a book chapter on "Digital Literacy among Faculty members and students within a School of Teacher of Education: Implications for Teacher Preparation in the Digital Age" in the book, *Handbook of Research on Teacher Education in the Digital Age*.
- **Barrett, Shermaine** – Thesis published as book: "Adult Education, Social Change and Development in Post Colonial Jamaica."
- **Roofe-Bowen, Carmel** published paper on Perceptions of the Primary Curriculum in Jamaica: One Size Fits All? In A. Robertson, R. Jones-Parry Commonwealth Education Partnerships edited volume by the Commonwealth Secretariat.

### Peer-reviewed Journal Papers

- **Stewart-McKoy, Michelle.** "Digitize me" Generating e-learning profiles for media and communication students in a Jamaican tertiary-level institution published in the *Journal of Educators Online*.
- **Stewart-McKoy, Michelle.** "Beautifying the beast": Customising online instruction in a writing course for Jamaican tertiary-level students, in the *Studies in Self-Access Learning Journal*.
- **Onyefulu, Cynthia, Williams-Shakespeare, Eraldine and Thomas-James, Anita.** "Education for All: exploring what student teachers and beginning teachers really know," in the *Journal of Research in Comparative and International Education*, Vol. 9, Number 1, 2014.
- **Mayne, Hope.** "The Social Reconstructionist Approach to Teacher Education: A necessary



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component to achieving education for all.” in the Journal of Research in Comparative and International Education, Vol. 9, Number 1, 2014.

- **Roofe-Bowen, Carmel.** One Size Fits All: perceptions of the revised primary curriculum at grades one to three in Jamaica in Research in Comparative and International Education, Vol.s 9 (1) pages 4 – 15.

### Conference Abstracts/Presentations/Proceedings

- **Roofe-Bowen, Carmel.** Paper presented and published in conference proceedings of International Conference on Urban Education held November 6-8, 2014 Towards a Context Responsive Teacher Preparation Curriculum.
- **Oneyulu, Cynthia** presented paper on Urban and Rural Teaching Experiences of Beginning Teachers in Jamaica (International Conference on Urban Education, November 6-8, 2014).
- **Walder, Stephen** and **Amonde, Tom** presented paper and published in conference proceedings on Prior Academic Achievements and University Outcomes: A case of Teacher Education programme in Jamaica (International Conference on Urban Education, November 6-8, 2014).
- **Mayne, Hope** paper presented and published in conference proceedings of International Conference on Urban Education held November 6-8, 2014 Connecting Teacher Education to Building Partnerships in the Community: A Necessary Component to Teacher Practice.
- **Barrett, Shermain** presented paper as well as published in conference proceedings of International Conference on Urban Education held November 6-8, 2014 Transforming Technical Vocational Education (TVE) in the Caribbean through STEM Integration: A Curriculum Design Approach (International Conference on Urban Education, November 6-8, 2014).
- **Phillips, Gareth.** First Year International Student Engagement in US Higher Education (International Conference on Urban Education, November 6-8, 2014).

- **Roofe-Bowen, Carmel.** Perspectives from Jamaica: Education, praxis and policy. Presentation made on August 6, 2014 at the Charles Darwin Graduate Student Symposium.
- **Onyefulu, Cynthia.** “An Analysis of Enrolment Management Models and Strategies used by Managers of Tertiary Institution” (CCCJ Conference, 2014.).
- **Cole, Howard.** “Pilot Project: Development of an Interactive Mechanical Engineering Drawing Instructional Aid Software.” (Society for Information Technology and Teacher Education (SITE) International Conference, 2014).
- **Mayne, Hope.** “Jamaican Teacher Identity as a Construct of Post-colonialism.” The American Education Research Association Conference (AERA), 2014.
- **Barrett, Shermaine.** Adult Education, Social Change and Development in Post-Colonial Jamaica and Teacher Education and Training: Exploring the R.A.M.E Model. FELS International Conference on Education & Humanities, 2014.
- **Nunes, Wilbert** and **McFarlane, Rachelle.** Financing of TVET and WFD in Developed and Developing Countries through Partnerships between the Private Sector and Training Institutions. FELS International Conference on Education & Humanities, 2014.
- **Hughes, Grace, Simms, Leonie** and **Roofe-Bowen, Carmel.** Curriculum Fitness for Purpose: A Look at School Observation. FELS International Conference on Education & Humanities, 2014.
- **Dobson-Lewis, Michael-Anthony.** Using Simulations to Improve Science Education Students’ Micro and Team Teaching Skills at a university in Jamaica FELS International Conference on Education & Humanities, 2014.
- **Mayne, Hope.** An Integrated Literature Review on the Pedagogical Approaches Used in Teacher Preparation FELS International Conference on Education & Humanities, 2014.
- **Roofe, Carmel G.** and **Miller, Paul W.**



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- Mentoring and Coaching in the Academe: Reflections on the Impact of a Mentoring/ Coaching relationship FELS International Conference on Education & Humanities, 2014.
- **Salmon-Ferguson, Keshawna.** Research Skills of In-Service Educators: Implications for Teaching, Learning and Conducting Research FELS International Conference on Education & Humanities, 2014.
  - **Cole, Howard.** Development of an Instructional Software Program for Mechanical Engineering: A Pilot Study FELS International Conference on Education & Humanities, 2014.
  - **Bartley, Gelefer, Mayne, Hope and Ffrench, Icilda.** "Miss You are Just Like Us". Lecturers Modeling the Practice FELS International Conference on Education & Humanities, 2014.
  - **Phillips, Gareth: Direct versus Constructivist Instructional Strategies.** A Predictor of College Student Academic Performance? FELS International Conference on Education & Humanities, 2014.
  - **Nunes, Wilbert.** Establishment of Qualification Frameworks in TVET Globally: A Historical Reflection FELS International Conference on Education & Humanities, 2014.
  - **Carr, Pearline.** An Assessment of Pattern Making Practices and Implications for Fitting FELS International Conference on Education & Humanities, 2014.
  - **Samuels, Richard and Newman, Miguel.** The Integration of Management and Computer Design Principles in Manufacturing Bird Nesting Units for a Pet Store in Corporate Jamaica FELS International Conference on Education & Humanities, 2014.
  - **Simon M. Yalams, PhD, Cynthia Perriel-Clarke, Ceretsie Campbell and John Lowe.:** Advocating for a Green Culture at the University of Technology, Jamaica: A Meta-Analysis FELS International Conference on Education & Humanities, 2014.
  - **Clarke, Leonie and DaCosta, Audrey.** Home Economics as a Vehicle for Teaching STEM. FELS International Conference on Education & Humanities, 2014
  - **Josephs, Beverley -** Change and Transformation at the University of Technology, Jamaica: A Case for Strategic Communication Management FELS International Conference on Education & Humanities, 2014.
  - **Cameron, Nicole.** The Battle Wages On: The Humanities in a STEM World; FELS International Conference on Education & Humanities, 2014.
  - **Orogun, Judith.** Empowering the Technical Student Teacher: When English Language Skills Impact on Perceptions of Self-worth and Efficacy FELS International Conference on Education & Humanities, 2014.
  - **Gonzalez, Mariana.** Improving Foreign Language Learning through Online Intercultural Exchanges in Skype FELS International Conference on Education & Humanities, 2014.
  - **Carmen Rodriguez, Maria del.** New Technologies: Implementing Creativity and Emotional Factors in the Classroom FELS International Conference on Education & Humanities, 2014.
  - **Lattibeaudaire, Warrick.** Chameleonizing Identify in French/ Spanish Caribbean Fiction FELS International Conference on Education & Humanities, 2014.
  - **Lewis, Rohan.** Language Trials: Interpreting Jamaican Creole in a Foreign Courtroom and Building a Sustainable Culture of Tolerance and Respect at the University of Technology, Jamaica: Pitfalls and Lessons (with Prof. Rosalea Hamilton and Dr. Ellen Grizzle) FELS International Conference on Education & Humanities, 2014.
  - **Schade, Martin.** Transforming Jamaican Education: Moving from Instrumental Learning to Critical Knowledge; Maribel Alao- The Writing Skill: A Frustrated Teacher's Attempt to Motivate Unenthusiastic Students FELS International Conference on Education & Humanities, 2014.
  - **Gordon-Bell, Nova.** Towards a Caribbean School of Communication and Media Theory: Confronting Academic Dependence in Caribbean Communication and Media Research. FELS International Conference on Education & Humanities, 2014.
  - **González, Mariana.** "Integrating Online Intercultural Exchanges in Skype to Improve Foreign Language Learning in Higher Education". (International IAFOR Conference in Brighton UK, 2014).

### Faculty of Science and Sport Books/Book Chapters

#### Peer-reviewed Journal Papers

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## APPENDICES

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