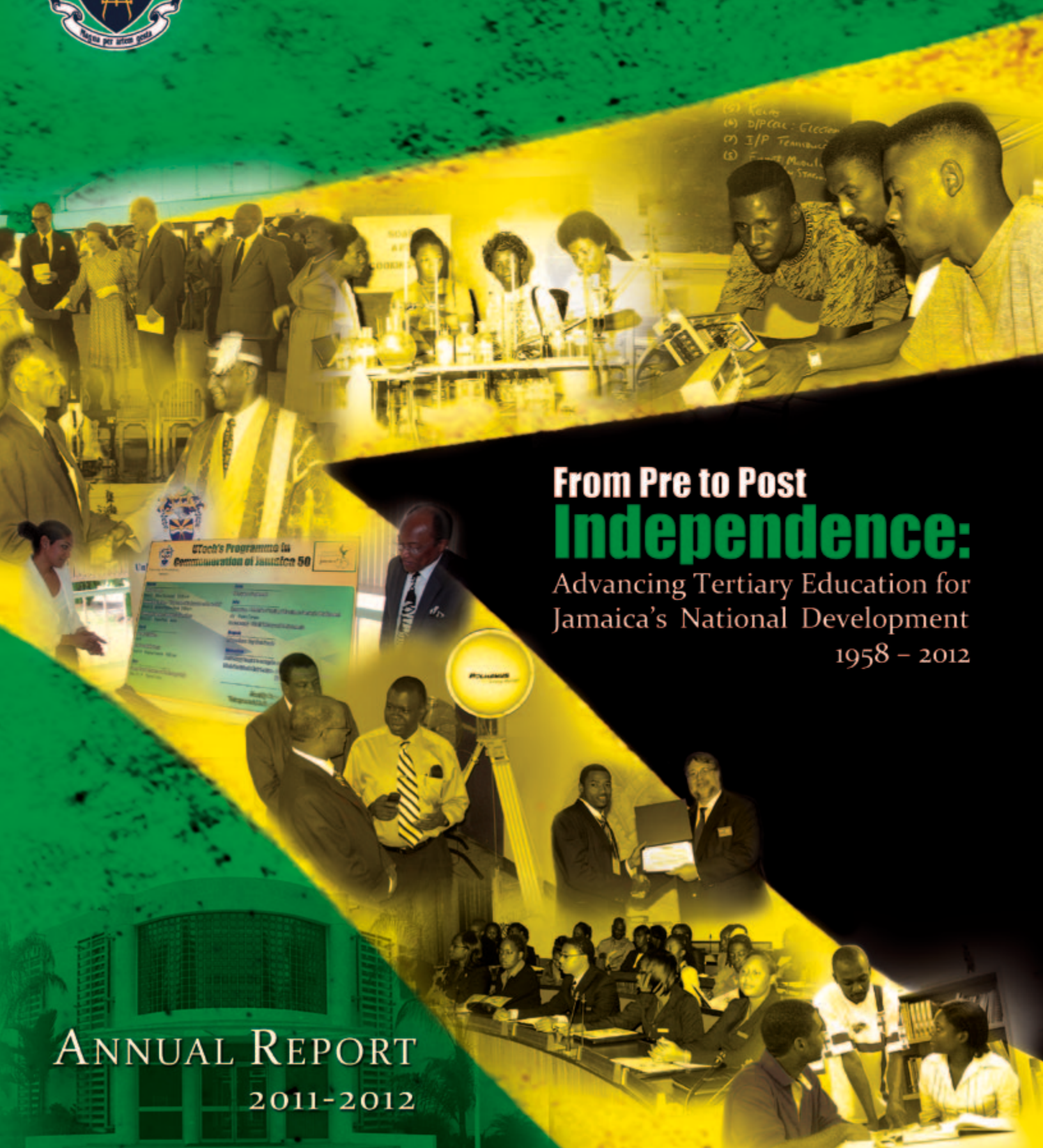




University of Technology, Jamaica

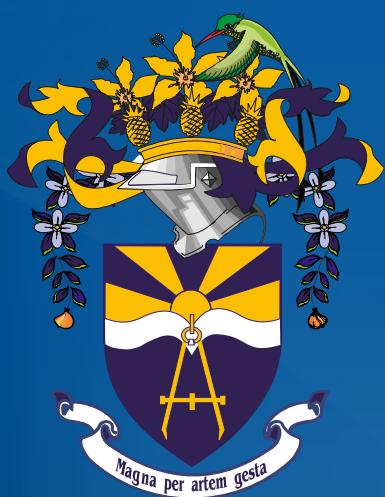
PROUDLY
CELEBRATING
JAMAICA
50



From Pre to Post **Independence:**

Advancing Tertiary Education for
Jamaica's National Development
1958 – 2012

ANNUAL REPORT
2011-2012



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Our Vision

In 2015, 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 brand
- Globally competent, versatile, innovative and entrepreneurial graduates
 - A positive impact on society



Our Mission

The Mission of University of Technology, Jamaica is:

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



Prof. the Hon. Errol Morrison, OJ
President



Mr Vivian Crawford
Honorary Treasurer



Prof. Ashok Kulkarni
Deputy President



Mrs Dianne Mitchell
University Registrar
(Retired January 2012)



Prof. Rosalea Hamilton
Vice President, Development
& Community Service



Dr. Kofi Nkrumah-Young
Vice President,
Planning & Operations



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



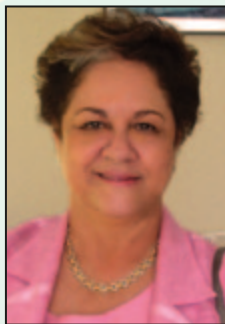
Mrs. Jennifer Ellis
Vice President, Human
Resource & Administration



Mr Deryke Smith
Chief Business &
Finance Officer



Mr David Drysdale
University Librarian



Mrs Pamela Kelly
University Orator



MESSAGE FROM THE MINISTER OF EDUCATION

The Hon. Rev. Ronald Thwaites, MP, JP



The accession of University of Technology, Jamaica (UTech) in September 1995 to fully chartered university status puts the institution on a path of phenomenal growth, as evidenced by its student population, programmes and facilities. As a national university and a major tertiary level institution, the socio-economic development of our country has to be factored into the plans for the University of Technology, Jamaica, as it responds to the demand for high education.

Jamaica strives to fulfil the obligation for good governance and accountability and our educational institutions are not exempted from this obligation. This 2011-2012 annual report serves the purpose of fulfilling the responsibility to nation, on the resources committed by its people; as well as providing useful information to guide the decision-making process. This broad-based report should appeal to those seeking to determine their choices for further education, particularly in a competitive environment.

I am pleased with the initiatives being undertaken and the links forged with local, regional and international partners. These augur well for how the institution is viewed, in terms of its quality assurance practices and compliance with standards.

University of Technology, Jamaica must continue to lead the way in technological advancement.



MESSAGE FROM THE CHANCELLOR

The Most Hon. Edward Seaga, ON, PC



Science and Technology must be our focus over the next 50 years

University of Technology, Jamaica (UTech) continues to grow rapidly. It is now literally bursting at the seams. This is why high on the list of priorities is the independence of the University, enabling it to offer more accommodation to students, better facilities and better compensation to motivate the staff. I do believe that UTech is now in sight of fulfilling this ambition and we look forward to the results.

UTech has so much to offer in technical education and allied areas, notably engineering and computer science. This is critical to a young nation like Jamaica which depends on technology to advance to a higher level of development.

In a country with as much raw material in indigenous plant life suitable for biotechnology research, science must be a high priority area; yet we find that there is little attraction of students to science. Modern countries thrive on science and technology. If Jamaica expects to improve its status as a country with good prospects for development, it must attract students to study science and technology.

Mathematics is the key to success in these areas; yet it is avoided by students. This is a great weakness in our education system. Over the next 50 years of our development, I look forward to the transformation which will not only develop much of our dormant potential, but bestow much blessings and enrichment to our lives.



PRESIDENT'S OVERVIEW

Prof. the Hon. Errol Morrison, OJ



From Pre to Post-Independence: Advancing Tertiary Education for Jamaica's National Development

University of Technology, Jamaica (UTech) grew out of the College of Arts Science and Technology (CAST), which itself was preceded by the Hope Farm and the Farm School which were established in 1910. Looking back, not just 50 years, but over almost a century, we can certainly see the ground we have covered. In case we forget, there are physical reminders on campus. Recently the National Heritage Trust granted heritage status to two sites on the campus – a charming bungalow which now houses Lillian's Restaurant, the University's training restaurant for students of the School of Hospitality and Tourism Management and the Ruins of Three Concrete Silos, dating back to the early 20th century. The ruined concrete towers are reminders of the Hope Farm where modern cattle breeding began. The pioneer was T.P. Lecky who began his career by receiving a scholarship to attend Farm School and who, on June 25, 1952, after a long career of study and experimentation unveiled to the world the Jamaica Hope, the first cattle breed developed in the Western hemisphere.

Political independence was in the air in 1958, the year the College of Arts, Science and Technology was established as an explicit pre-independence strategy in response to the need to train professionals for the task of nation-building. Some 54 years later, the institution has evolved from 4 programmes and 50 students to its current status where UTech offers more than 100 programmes in a variety of disciplines, and caters to a student population of over 12,000. In his Anniversary Lecture which launched the University's year of celebration in concert with the nation's 50th anniversary, UTech Chancellor, the Most Hon. Edward Seaga, ON, PC, chose to reflect on his thesis: "50 Years Backward and Forward?" The lecture (which is available on-line on the University's website) is instructive to all of us, and in particular to those of us charged with taking national institutions, such as UTech, into the future.

Our future must be built on the successes and the mistakes of the past and the forward drive must also be fuelled by innovation, boldness and a pioneering spirit. The future cannot just be more of the past, even as we stay true to our first mandate – to train professionals for the task of development. The rapid expansion of programmes over the last 5 years has been carefully monitored to ensure that we never lose sight of UTech's well-acknowledged competitive advantage – turning out professional, work-ready graduates. We are committed to ensuring that our programmes are academically sound as well as practically tested. Indeed they must help to drive the development of the Jamaican nation, to help to create health, wealth and knowledge.

In launching the Week of Excellence mounted by the College of Business and Management in March 2012, Associate Professor Dr Paul Golding, Dean of the College stated that "the world economy has been transformed significantly over the last 20 years and today more than ever before in human history, the wealth or poverty of nations depends on the quality and excellence of higher education." In the same week, the Chancellor, in his Anniversary Lecture made a similar assertion: "A society with a failed education system cannot generate products of merit with a claim to economic value, social respect and national pride. There is no educated country that is poor; no poor country that is educated."

In our country's fiftieth year of independence, we are determined to play our part in helping our people defeat poverty, replacing ignorance with knowledge and complacency with the spirit of daring-to-do. And always we bear in mind the charge



PRESIDENT'S OVERVIEW CONT'D

given us by Lord Morris of Handsworth, OJ, our first Chancellor, to be the "People's University", combining scholarship with service and providing access to all who are desirous of gaining a world class education.

In the year under review we consummated one initiative which symbolises our twin objectives with the launch of the UTech Legal Advice Centre. The Centre operating from the Papine campus, provides legal advice to members of the public who are socially, economically or otherwise disadvantaged. Students of UTech's Faculty of Law provide the advice under the supervision of an Attorney-at-Law. It is a classic win-win situation: valuable assistance is provided free to members of communities to solve many of their day to day legal problems while UTech students are obtaining hands-on training in several areas of law that will help them to become successful attorneys.

We also made a giant step in the direction of all-island coverage when, with the support of well-wishers in the West, UTech successfully negotiated with the Ministry of Youth, Sports and Culture for access to the Trelawny Multi-Purpose stadium to begin classes in September 2011, whilst plans are being drawn up for the construction of additional buildings on 25 acres of lands adjacent to the stadium. The advent of the UTech Western Campus which opened its doors on Wednesday, September 7, 2011 has brought hope and a sense of pride to the citizens of Western Jamaica. UTech reiterates profound gratitude to those stalwarts of the West including James Goren, Keith Russell, Anthony Hart, Geneive Brown-Metzger and Desmond Leaky for their support and advocacy on our behalf. In our five-year vision we see a full-fledged, vibrant western campus, of some 5000 students pursuing a cross section of programmes such as business, health, law, hospitality, engineering, etc.

A number of other significant initiatives marked our expanding horizons:

- In February the UNESCO/UTech Tribology Research Chair was launched. Research in Tribology, under the direction of Professor Gossett Oliver and his team, is expected to benefit the manufacturing industry by enabling innovation and best practices to mitigate the cost of wear and corrosion in industrial machinery.
- Spanish instruction has been enhanced through the institution's collaboration with the Embassy of Spain which donated 60 licences for the Virtual Spanish Classroom, books and audio resources for use in the University's Foreign Languages Division. Additionally, the Spanish Ambassador, Her Excellency Celsa Nuño handed over the instruments officially designating UTech as a DELE (Diploma de Español Como Lengua Extranjera) Centre for the international Spanish examination - the official qualification certifying the degree of competence and mastery of Spanish.
- In May the University underscored its commitment to principle as well as practice by partnering with the JMMB Group to expand and rebrand the School of Entrepreneurship to become the Joan Duncan School of Entrepreneurship, Ethics and Leadership (JDSEEL), one of the schools in the College of Business and Management.

In October 2011, I had the honour of being appointed Chair of the Caribbean Region of the prestigious global network – the International Association of University Presidents (IAUP). The IAUP is an association of university chief executive officers – presidents, rectors, vice chancellors and chancellors from higher education institutions whose primary purpose is to strengthen the international mission and quality of higher education around the world. The Caribbean Regional grouping includes tertiary institutions in the Jamaica, Bahamas, Cuba, Dominican Republic, Guadeloupe, Guyana, Haiti, St. Thomas (US Virgin Islands), Trinidad, Puerto Rico and Belize. IAUP offers a regular forum for higher education institutions to identify and discuss in a global and cross-cultural context, the major issues and challenges facing higher education today and to contribute to a worldwide vision of higher education.

The honour belongs as much to UTech as to me and my contribution will be informed by those lessons learnt from looking 'backwards and forward'. Hindsight is 20/20 vision. Foresight should be for at least another 50 years into the future.

I invite you to review the ensuing pages which outline highlights of the continued progress being made by this the premier national institution for tertiary education as a world class centre of learning.

Our second Chancellor, the Most Hon. Edward Seaga who accepted the Mace in March, will undoubtedly add fuel to our fire for world class performance.



Academic Affairs Division



Prof. Ashok Kulkarni
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.

During the review period, the Division's significant achievements included:-

- Launch of the Joan Duncan School of Entrepreneurship, Ethics & Leadership (JDSEEL)
- Launch of the Legal Advice Centre in the Faculty of Law.
- The establishment of the Joint Colleges of Medicine, Oral Health & Veterinary Sciences and the separation of the School of Allied Health & Nursing which was



President, Prof. the Hon. Errol Morrison, OJ (3rd left) in conversation with from left, Mr. Anthony Hart, Businessman and member of UTech's Western Advisory Council, Prof. Geraldene Hodelum and Dr. Kofi Nkrumah-Young, VP, Planning & Operations at the launch of the UTech Western Campus.

re-named Caribbean School of Nursing and School of Allied Health & Wellness .

- The opening of the Western campus at the Greenfield Multi-Purpose Stadium in Trelawny on September 7, 2011

President, Prof. the Hon. Errol Morrison, OJ (3rd left) in conversation with from left, Mr. Anthony Hart, Businessman and member of UTech's Western Advisory Council, Prof. Geraldene Hodelin, Director of the UTech Academy and Dr. Kofi Nkrumah-Young, Vice President, Planning and Operations, UTech following the opening ceremony for the UTech Western Campus at the Trelawny Multi-Purpose Stadium on September 7, 2011.



Mr. Keith Duncan (4th left), Group CEO, Jamaica Money Market Brokers (JMMB) hands over an endowment cheque valued at J\$81.7 million to Dr. Kofi Nkrumah-Young, Vice President, Planning and Operations. Sharing in the moment from left are Dr. Paul Golding, Dean, College of Business and Management, Mrs. Donna Duncan-Scott, Executive Director of Culture and Leadership, JMMB and Dr. Mauvalyn Bowen, Head, Joan Duncan School of Entrepreneurship Ethics and Leadership (JDSEEL).

Partnerships/MOUs/Academic Collaborations

- In addition to the several Memoranda of Understanding and Agreements on academic collaborations signed during the year, UTech also established an MOU with the MVP (Maximizing Velocity & Power) Track and Field Club underscoring the University's commitment to Sport and confirming its association with the world-famous MVP Club which has been housed at UTech since its inception in 1999.



Academic Affairs Division *cont'd*

- Negotiations continued with the St. Vincent & the Grenadines Community College (STVGCC) to conclude franchising agreement for selected UTech programmes.

New courses of study

The Academic Board approved the following new courses of study:-

- BSc Degree in Integrated Health Science
- BSc in Herbal Studies
- Bachelor of Health Science - Health & Information Management Option
- BEng. Construction Engineering
- BSc degree in Mathematics Education
- BSc degree in Actuarial Science

OFFICE OF CURRICULUM DEVELOPMENT & EVALUATION



Dr. Winsome Russell
Associate Vice President,
Academic Management &
Quality Assurance

The Office of Curriculum Development and Evaluation (OCDE), ensures the efficacy of the Quality Assurance System for the delivery of academic offerings. Consequently the OCDE remained focus on the

design, development and evaluation of curricula, providing oversight for the quality standards through Accreditation and Academic Quality Audits, Co-operative Education, Enhancing Teaching and Learning, Academic Advisement and Student Evaluation.

Design, Development and Evaluation of Curricula

The University's responsibility to provide education and training that bear societal relevance and prepare graduates for the changing global job market is supported by the OCDE. In this regard, the University continued to design and develop new courses of study in order to diversify and expand its undergraduate options, embarking upon new fields including Oral Health, Herbal Studies, Actuarial Science, and Mathematics with Education. In addition,

eight new Masters and three new Doctoral Degrees were developed for implementation.

Academic Quality Audits

The Academic Quality Audit system was introduced to improve delivery of academic programmes and to assist in the preparation towards institutional accreditation. In March 2012, the School of Engineering was the first of the Academic units to be audited by the OCDE and its team of auditors.

Accreditation

The Accreditation Unit continued to provide support to the various Colleges and Faculties in the University in preparing for accreditation by the University Council of Jamaica and other professional bodies.

Co-operative Education

Co-operative Education is highly regarded as a means of improving the quality of students' learning experience in their chosen field of study. The University's Co-op Ed programme was further expanded in Academic Year 2011 to 2012 with the introduction of a Co-op Education Module in the following courses of study:

- BSc Applied Science
- BA Communication Arts and Technology
- BSc Civil Engineering

The Co-op Ed Unit is focused on actively promoting the programme to all stakeholders, especially prospective employers, and improving the overall quality of the programme through collaborative efforts with the respective Schools.

Enhancement of Learning and Teaching

A series of workshops on themes related to enhancing learning and teaching continued over the year, with support from the Caribbean Development Bank.



OFFICE OF DISTANCE LEARNING



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

Increasing E-Learning Opportunities

The Office of Distance Learning (ODL), coordinates all distance learning initiatives. The long term objective is to provide multiple options for diverse students to pursue their

academic studies in various blends of traditional face-to-face, online or other technology-mediated learning environments. There are now four hundred and seventeen (417) standardized modules in the online Learning Management System (LMS), with a total of four thousand three hundred and eighty-seven (4,387) students actively engaged in at least one online module; and over three hundred and twenty-one (321) faculty members using LMS.

Collaborations

A research study commissioned by the Commonwealth of Learning (COL) was completed by Associate Vice President Dr Jeanette Bartley-Bryan and a UTech team in January 2012. The study focused on Models of Good Practice for Innovation and Use of Technology in Technical and Vocational Skills Development (TVSD) in the Commonwealth.

The combined efforts of the Office of Distance Learning and the Community Services Department resulted in a second collaboration with the Commonwealth of Learning (COL) through which COL provided technical assistance for the UTech community outreach project on Vocational Literacy for Skills Development and Entrepreneurship.

Jamaica Research and Education Network (JREN)

UTech is now commissioned as a beta test site for one of three access nodes in Jamaica for the Jamaica Research and Education Network (JREN), for two years as of December 2011. UTech, and the Caribbean will be linked electronically to other major research and education networks across the globe and will be able to access data and other academic services.

Research

A research study commissioned by the Commonwealth of Learning (COL) was completed in January 2012 by Associate Vice President – Dr. Jeanette Bartley-Bryan, with the support of a UTech team. The study focused on Models of Good Practice for Innovation and Use of Technology in Technical and Vocational Skills Development (TVSD) in the Commonwealth Caribbean and will be published.

UTech Guidelines for Intellectual Property and Copyright

The procedures document on Practical Guidelines for Intellectual Property Rights and Copyrights for Distance Learning was approved by the Academic Board in November 2011. The purpose of the guidelines is to increase awareness about the rights and obligations of University, staff, students, other employees and all primary stakeholders with regard to intellectual property in various distance learning environments.



THE CALVIN MCKAIN LIBRARY



Mr. David Drysdale
University Librarian

On June 3, 2011 the Calvin McKain Library was presented with the EBSCO Award for Leadership in the Use of New Information Technologies to Expand and Facilitate Access to Serials Contents at the annual conference of the Association of Caribbean Universities Research and Institutional Libraries (ACURIL) in Tampa, Florida.

The University in its bid to provide efficient and cost effective access to learning materials, through the Division of Finance and Business Services, commissioned the tour

of four North American universities that had successfully implemented easier access to learning resources through their bookstore operations. These universities were the University of Ottawa, Ryerson University, Athabasca University and the University of Minnesota (Crookston).

Annual Book Fair

The Library hosted its Annual Book Fair on March 22, 2012 in the Caribbean Sculpture Park, UTech Papine campus.

Special Acquisition

On December 13, 2011, The University of Technology, Jamaica became the beneficiary of the late Peter Reeson’s personal library. Mr Reeson was considered an expert on Environmental Science and participated in and conducted numerous Environmental Studies in Jamaica and the Caribbean, including most of the major EIA projects in Jamaica. He was a founding member of the Jamaica Institute of Environmental Professionals (JIEP) and his contribution to the field of Environmental Science in Jamaica and the Caribbean is evident in his vast collection of reports, books, journal articles and clippings. This collection of over 1,000 pieces is now part of the Calvin McKain library’s Caribbean Collection. This valuable gift to the University was made possible through the good offices of the Faculty of the Built Environment and the generosity of Mr Reeson’s family.



Patrons look keenly at books on display at the Book Fair mounted by the Calvin McKain Library, UTech Sculpture Park.



From Left: Mrs. Marcia Creary –President, Jamaica Institute of Environmental Professionals (JIEP); Ms. Maijaou Reeson- Daughter; Mr. E.M. Brown, Managing Director SGS Supervise Jamaica Limited, Dr. Carol Archer, Dean, Faculty of the Built Environment and Mrs. Christina Stewart-Fullerton-Acquisition Librarian, Calvin McKain Library.



THE SCHOOL OF GRADUATE STUDIES, RESEARCH AND ENTREPRENEURSHIP (SGSRE)



Prof. Gossett Oliver
Vice President

In the Academic Year under review, the SGSRE enhanced its research status by being the lead partner and principal investigator in its largest ever successful grant proposal for studying the “Application of Solar-Powered Polymer Electrolyte Membrane Electrolysers for the Sustainable Production of Hydrogen Gas as Fuel for Domestic Cooking”. The proposal was approved for funding by the EU/ACP Secretariat in the amount of €421,042, representing 85% of the project cost of €495,344.36. The remaining 15% will be contributed by the partners on the project – Brunel University, University of the West Indies (UWI), Ministry of Mining & Energy, and Bureau of Standards, Jamaica.

GRADUATE STUDIES

Four new graduate courses were offered in the 2011/2012 academic year:

- MPhil/PhD in Chemistry
- MSc Information Systems Management
- Doctor of Business Administration
- PhD Business Administration

This brings the number of graduate courses offered to a total of 16.

UNESCO/UTECH Research Chair in Tribological Studies

University of Technology, Jamaica in cooperation with the United Nations Educational, Scientific and Cultural Organization (UNESCO) has established a Chair in Tribological Studies “to integrate a comprehensive tribological research programme aimed at responding to wear and friction related issues and expanding the



Prof. Gossett Oliver (at podium), Vice President, Graduate Studies, Research and Entrepreneurship, UTech and academic head of the UNESCO/UTech Chair in Tribological Studies introduces members of his Tribology Research Team to the audience at the launch of the Chair held on February 27 2012 at the Jamaica Pegasus hotel. Standing from left are Dr. Vernon Buchanan and Dr. Kavion Cooke, lecturers in the School of Engineering.

understanding of the impact of tribology within the Jamaican Manufacturing Sector.” The achievement was described by President, Professor the Hon. Errol Morrison, OJ, as another “outstanding first for UTech”. Professor Oliver has been appointed academic head of the Chair.

Research Development

TEAM LEADER	TITLE OF PROJECT	COLLEGE / FACULTY / DIVISION
Miss Anna Bethune	Projections for future investments in the Jamaican economy	The Chancellor's Office – The Most Honourable Edward Seaga, ON, PC
Dr. Earle Wilson	Re-engineering of street and security lights as an energy saving measure by the utilization of LED and solar technologies	Faculty of Engineering and Computing
Dr. Kavian Cooke	Tribological and corrosion study of cutting tools used in agriculture	Faculty of Engineering and Computing

Research Publication

Publication of the University’s annual Journal of Arts Science and Technology (JAST) resumed in November 2011. Volume 4 of the Journal carried nine original peer-reviewed papers by UTech staff and international contributors.



THE SCHOOL OF GRADUATE STUDIES, RESEARCH AND ENTREPRENEURSHIP (SGSRE) *cont'd*

President's Research Initiative Award

Dr. Andrew Lamm, Lecturer, Faculty of Science and Sport, was the recipient of the President's Research Initiative Award for 2011. Dr. Lamm's citation lauded him for his pioneer work in the field of natural products Chemistry. Dr Lamm's research project "Analysis and preservation of endemic Jamaican plants in the Cockpit Country region" has received funding from the Environmental Foundation of Jamaica and the UN's Global Environment Facility-Small Grants Programme valued at \$9M.



President, Prof. the Hon. Errol Morrison, OJ (left) presents the President's Research Initiative award to Dr. Andrew Lamm, Lecturer in the Faculty of Science and Sport. Dr. Lamm's citation lauded him for his pioneer work in the field of natural products chemistry. Since joining UTech in 2009, Dr. Lamm has demonstrated commitment to independent enquiry, scholarly research training and the advancement of the University. He has obtained \$9m in research funding and is currently undertaking research on the preservation of endemic Jamaican plants in the cockpit country region of Jamaica to analyse the medicinal value of plants that may provide treatment for ailments including cancer, insecticides and antiseptic agents.

Research and Technology Day

Research and Technology Day was held on Thursday, April 7, 2011 with the theme "Funding Research in Higher Education". The Opening Ceremony featured the official signing of the UTech/Ministry of Industry, Investment and Commerce (MIIC) Memorandum of Understanding for the public financing of innovation. Guest Speaker was Mr James Moss-Solomon, industrialist, who discussed the importance of pursuing research that will enable development and address societal needs.

Research Management & Support

The Caribbean Research and Innovation Management Association (CabRIMA), the professional body for research and innovation management practitioners in the Caribbean region, has its Secretariat within the SGSRE. The Association's mission is to support systematic improvement in the effectiveness of research and innovation management systems, structures, and processes in regional research and innovation institutions through effective networking. CabRIMA is a major outcome of RIMI4AC, the acronym for the EU/ACP-funded project "The Improvement of Research & Innovation Management Capacity in Africa and the Caribbean for the Successful Stimulation and Dissemination of Research Results" on which UTech is Caribbean partner.

Entrepreneurial Projects

For 2011/2012, the SGSRE managed 7 projects. These were:-

1. The EU/Edulink Project, "**Developing Education, Skills and Capacity in Forensic Awareness and Forensic Science in the Southern African Development Community and the Caribbean**", in which UTech was one of three international partners, was successfully concluded.

2. The EU/ACP S&T Programme-supported project for "**The Improvement of**

Research & Innovation Management Capacity in Africa & the Caribbean (RIMI4AC)", in which UTech is one of nine international partners. The Caribbean Research & Innovation Management Association (CabRIMA) and its associated website, www.cabrима.org, were fully activated during the period.

3. **E-Learning Jamaica Company Ltd. – The Production of Teachers' Instructional Manual (TIM) and Students' Instructional Manual (SIM) for Building**



Technology – Construction - The preparation of instructional materials for Grades 10 and 11 CXC CSEC students and Teachers for Building Technology (Construction).

4. **E-Learning Jamaica Company Ltd. – The Production of Teachers’ Instructional Manual (TIM) and Students’ Instructional Manual (SIM) for Building Technology – Woods** - The preparation of instructional materials for Grades 10 and 11 CXC CSEC students and Teachers for Building Technology (Woods).
5. **ACP Research Grant - The Application of Solar-Powered Polymer Electrolyte Membrane Electrolysers for Sustainable Production of Hydrogen Gas as Fuel for Domestic Cooking** - This project is consistent with the objective of the ACP Caribbean and Pacific Research Programme for Sustainable Development which seeks to “contribute to sustainable development of the Caribbean and Pacific countries...through research in science and technologies”. The project addresses an important sub-sector (fuel for cooking) of the energy sector in which renewable energy use is largely ignored.
6. **Ministry of Education - Jamaica Teaching Council, Pascal Programming Training Workshop** - The project offers a series of workshops aimed at teaching the fundamentals of the Pascal Programming language as well as the essentials of Problem Solving for Information Technology teachers at the secondary level. The workshops seek to address problems being faced by teachers at the CSEC level in adequately preparing students to formulate solutions to programmatic problems as required in the CSEC Information Technology (IT) examination.
7. **Belize Ministry of Health Consultancy to Develop the Capacity of their Headquarters - Partnership with Trevor Hamilton and Associates (THA)** - To develop and implement a training programme to improve the productive capacity of the Central Ministry Headquarters in the execution of their redefined role as administrators of the National Health Care System of Belize. The National Health Care System of Belize includes: Ministry of Health Headquarters, four health regions and the National Support Services.

Sustainable Energy Unit

UTech has intensified its focus on sustainable energy, in line with increased national concern to develop a National Energy Policy relevant to the country’s development needs. The University, through the Sustainable Energy Unit, has embraced its role as a key player in providing the research, academic programmes and technology-based support which will lead to the creation of a ‘a modern, efficient, diversified, and environmentally sustainable energy sector’.

Sustainable Energy Community Service Programme

Thirty-eight students were trained in energy efficiency, conducted peer education on the campus and an outreach to approximately 500 preparatory, primary, and high schools in the environs of the university. Students were required to serve as energy monitors for 40 hours.

Energy Cost Savings

Students across colleges and faculties have been trained to conduct walk-through energy audits across the campus, neighbouring schools and their homes. August 2011 saw the completion of a Level 1 or walk-through Energy Audit for the main campus. The overarching purpose of the Unit’s multi-pronged approach is to engender behavioural change on campus and in the wider society towards a culture of energy conservation and sustainability.



THE SCHOOL OF GRADUATE STUDIES, RESEARCH AND ENTREPRENEURSHIP (SGSRE) cont'd



Prof. Cheryl de la Rey has the rapt attention of the audience during the delivery of the Distinguished UTech Lecture on "The Significance of Higher Education, Science and Technology in Developing Countries" held on January 31, 2012 at the Jamaica Pegasus Hotel.

Distinguished Public Lecture

"The Significance of Higher Education, Science and Technology in Developing Countries" was the subject of a Distinguished Public Lecture delivered by Vice-Chancellor and Principal of the University of Pretoria, Professor Cheryl de la Rey on January 31, 2012. Professor de la Rey's visit was facilitated by the High Commission of South Africa in Jamaica.



COLLEGE OF BUSINESS AND MANAGEMENT (COBAM)



Dr. Paul Golding
Dean

- School of Business Administration
- Joan Duncan School of Entrepreneurship, Ethics and Leadership
- School of Hospitality and Tourism Management
- UTech/JIM School of Advanced Management

New Courses of Study

The School of Business Administration launched four Bachelor of Science (BSc) degrees in November 2011: BSc in Accounting, BSc in Economics, BSc in Leadership & Organizational Studies and BSc in Retail Management.

Research/Publications/Scholarship

The Economics Division of the School of Business Administration organised and hosted a series of panel discussions throughout the year. The panel discussions were held in Kingston as well as in Montego Bay, St. James. These included a Pre-Budget Debate forum as well as a forum on Tax Reform. The fora were open to members of the public.

Continuing/Executive Education

The Joan Duncan School of Entrepreneurship, Ethics and Leadership (JDSEEL) offered several workshops, seminars and short courses targeted at small business operators. The suite of courses was designed specifically to support the development of the small business sector, and included topics such as: Accounting and Strategic Planning for Small Business Owners; Business Plan development; Marketing for Business Success; HR for Small Business Owners; Small Business Lending.



Dr. Paul Golding (2nd left), Dean of the College of Business and Management in an animated discussion with from left, Mr. Darron Thomas, Lecturer, Mr. Metry Seaga, Deputy President, Jamaica Manufactures Association and Mr. Lloyd Wint, Lecturer, UTech following the panel discussion on issues related to the tabling of the national budget held on March 27, 2012 at the Technology Innovation Centre, UTech.

International Conference on Business, Hospitality and Tourism Management

The College of Business and Management (COBAM) in Collaboration with the University of Delaware, USA, held its International Conference on Business, Hospitality and Tourism Management on October 12 -14 at the Breezes Resort, Runaway Bay, St. Ann. The theme was "Engendering Growth: Sustainable Development in Business, Hospitality and Tourism Management".

School of Hospitality and Tourism Management (SHTM)

The Jamaica Observer Food Awards Scholarship recipients for 2011 were third year Food Service Management students



COLLEGE OF BUSINESS AND MANAGEMENT *Cont'd*



School of Hospitality and Tourism Management final year students pose at their booths showcasing their final research projects at SHTM Day.

Junior Roberts and Mark Ramharrack who both majored in Culinary Arts Management.

On May 6, 2011 several Culinary Arts and Management students, led by Lecturers Stacy Aiken, Simone Walker-Barrett and UTech's Chef Karl Thomas of Lillian's Restaurant, entered the JCDC Culinary competition and were rewarded with eight gold, seven silver and three bronze medals.

SHTM Day was held on March 29, 2012 during the College of Business and Management's annual Week of Excellence under the theme, "Jamaica 50: Igniting Tourism Entrepreneurial Spirit in Times of Global Crises."

The day featured the major research projects of the final year students pursuing Bachelors of Science degrees in Food Service Management and Hospitality and Tourism Management.

Facilities Upgrading - Teaching Hotel

Work on the expansion of the School of Hospitality and Tourism Management (SHTM) began in March 2012. The two-pronged expansion includes conversion of the existing single-storey building into a two-storey structure which will provide, among other facilities, eight classrooms and relocated offices and lab. The second prong falls under the CDB/UTech Enhancement Project and will provide SHTM with a fully operational teaching hotel, incorporating a 108-seat restaurant with additional capacity for banquets and functions, accompanying 6,000 square feet state-of-the-art culinary laboratories as well as a demonstration lecture theatre.

Launch of Student Affairs Centre

The COBAM Student Affairs Centre (COBAM-SAC) was launched on March 27, 2012 to centralise students' access to services in the College, bringing together in a single location all the student affairs representatives within Schools. The centre will allow a more efficient use of resources in the College to facilitate faster processing of queries and a systematic approach to solving students' issues as they arise.

UTech/JIM School of Advanced Management



Dr. Neville Swaby

Associate Dean, Director, UTech/JIM

In January the first cohort for the Doctor of Business Administration (DBA) and the Doctor of Philosophy (PHD) in Business Administration began their five-year course of study. The course is offered on a part-time basis and classes are held on weekends only.



COLLEGE OF BUSINESS AND MANAGEMENT *Cont'd*

AAFM Certification

UTech/JIM and Hamilton and Associates, as the Caribbean representative for the American Academy of Financial Management (AAFM), have partnered to offer certification and training in financial management courses using the Bloomberg technology. The Training Unit of the Bank of Jamaica (BoJ) is one of the clients accessing the Bloomberg technology.

MBA Research Presentations

The fourth annual presentation of consultancy projects by the students pursuing the MBA course of study was held from May 25-27, 2012 at Breezes Runaway Bay, St Ann. The exercise is the assessment of the students' research skills, abilities to solve business-oriented problems, transfer and document learning garnered in the course of study. A panel of local and foreign assessors from industry and academia conducted this assessment.



UTech MBA candidates make their final research presentation.



COLLEGE OF HEALTH SCIENCES



Dr. Ellen Campbell-Grizzle
Dean

Major changes took place within the College of Health Sciences (COHS) during the past year. The Caribbean School of Nursing (CSON) was established and the School of Allied Health and Nursing was renamed the School of Allied Health and Wellness (SAHW). The formation of SAHW introduced Wellness to the Caribbean as an appropriate and substantial area for academic enquiry. Additionally, the first Health Research Translation Unit (HERTU) was established within a Caribbean University.

The COHS Accreditation Unit was strengthened to respond to the need to accredit and reaccredit our courses of study. Several members of staff upgraded their academic qualifications. Both administrative and academic staff have received additional training in customer service and leadership in an effort to achieve improved client service and improved performance at the supervisory levels, which are important ingredients of a student-centred culture. The reward for those efforts is that more than 85% of students within COHS continue to rate the faculty highly.

Third stream funding initiatives were streamlined and the College expanded involvement in research, continuing education and consultancies. Partnerships with external partners in the public, private sectors and professional organizations across the Caribbean have set the foundation for purposive expansion and increased access to our programmes using blended methodologies.

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

New Courses of Study

Five new courses were approved:

- Bachelor of Science (BSc) Nursing completion degree
- BSc Herbal Studies
- Master of Science (MSc) Complementary & Alternative Medicine degree
- Master of Science in Corporate Wellness Facilitation
- Bachelor of Health Science Degree - Health Information Management.

Nine (9) short courses were approved for delivery focused mainly on complementary health care and principles of wellness underscoring the University's attention and commitment to Allied Health and Wellness.

Purposive expansion

Successful negotiations with the Ministries of Health and Education for the acquisition of additional space for laboratory and classrooms have resulted in the College gaining access to additional space in close proximity to the UTech Papine campus. Additionally, the College developed an online training initiative so that several courses can be offered using the blended format thus expanding our reach, nationally, regionally and globally.

COHS now has 1,224 students enrolled in all courses of study and is well poised for regional and global growth. Jamaica and other Caribbean governments are seeking to build capacity of their health care providers and COHS is ready to service the market.

- A franchise agreement with the St. Vincent and the Grenadines Community College (SVGCC) for the BScN completion degree was completed.



COLLEGE OF HEALTH SCIENCES

- Negotiations are underway with St. Lucia and Grenada for the delivery of the post diploma pharmacy degree programme.
- UTech's franchise agreement with the College of the Bahamas remains intact. In January 2012, a high-level delegation from the School of Pharmacy visited the College of the Bahamas (COB) to discuss Quality Assurance issues and to prepare preceptors for supervision of the training of Bahamian students who are enrolled in the UTech pharmacy programme. Twenty-four Bahamian students are currently in the programme.
- The Government of Jamaica through the Ministry of Education is concluding arrangements to hand over the training of nurses to UTech in the areas of midwifery, critical care nursing and nurse anesthetics. Arrangements for the transfer of general nursing programmes are now complete. The first cohort of UTech nursing students graduated with a 92% average pass rate in the Regional Examination for Nursing Registration (RENK).

A Memorandum of Understanding (MOU) was signed between the University of Technology, Jamaica and the Child Development Agency (CDA). Under the agreement, students in the Child Health Adolescent Development (CHAD) programme will assist the CDA in the areas of assessment and field investigations. CDA sites are to become practicum places for CHAD students.



Prof. the Hon. Errol Morrison, OJ (3rd left), President, UTech, Hon. Lisa Hanna, MP (2nd left), Minister of Youth and Culture and Mrs. Carol Francis Eddie (4th left), Executive Director, Child Development Agency affix their signatures to a memorandum of Understanding between the two institutions. Looking on is Mrs. Karyl Powell-Booth, Programme Director, Bachelor of Science degree in Child and Adolescent Development (B.Sc. ChAD), College of Health Sciences.

Alumni Relations

The College of Health Sciences encourages the formation of alumni groups to support needy students and to assist with infrastructural improvements within the College. The School of Pharmacy received a donation of 1.8 million Jamaican dollars from Dr, Marilyn Morrison-Padilla, President of the UTech Florida to be used to refurbish one of our oldest class rooms.



Cheque Presentation to Dr. Sean Moncrieffe, Head of the School of Pharmacy by Dr. Marilyn Morrison-Padilla, President, UTech Alumni Association (Florida Chapter).

Public Lecture

The College hosted a Public Lecture entitled "The Cost Burden of Chronic Non-Communicable Diseases in Jamaica and Ghana" on Wednesday March 28, 2012 at the Knutsford Court Hotel, Kingston. The lecture was delivered by Dr. Daniel Sarpong, Research Professor, Jackson State University, USA. Over 80 participants from academia, local health organisations, and the health profession attended the lecture.

Grant Proposals

A Grant Proposal entitled "Implementation of a Culture Sensitive Peer /Lay Diabetes Education Program For Adults With Type 2 Diabetes in Six English Speaking Caribbean Countries by 2014" was approved for grant funding by the International Diabetes Foundation (IDF). The amount granted by IDF is US \$64, 606. Counterpart financing was also secured from PAHO. Total grant value is US \$ 143,574. The project is a collaboration between UTech, the Diabetes Association of Jamaica and Tropical Medicine research Unit-University of the West Indies. A Grant Proposal entitled "Caribbean A&E Departments threshold capacity



COLLEGE OF HEALTH SCIENCES *Cont'd*

to manage Red Tag Victims and mobilize and managing the on-scene advanced medical posts” was approved for funding by PHO/CHRC. The amount granted by PAHO/CHRC is US \$25,000.

UTech Wellness Fair

Cynthia Shako Day Care Centre

The Day Care Centre is managed by the College and provides a safe and secure place for staff and students to leave their babies and infants.

The Caribbean Poison Information Centre (CARPIN)

CARPIN’S hub is located within the College and is supported by several governmental and non-governmental partners. Over the last five years, CARPIN has handled over 500 queries from health care providers and the general public on information on the management or prevention of poisonings.

Research Publication

Mr. Greg-Louis Austin, Acting-Head, School of Allied Health and Wellness and Dr. Winsome Russell, Associate Vice President – Academic Management and Quality Assurance presented a paper “Accessing Education at the Tertiary Level: How Important is the Quality of the Learning Experience for UTech Students” at the Caribbean Area Network for Quality Assurance in Tertiary Education (CANQATE) in Nassau, Bahamas October 5-7, 2011.



Career Day 2011 at the Day Care Centre



Sports Day 2011 at the Day Care Centre with Olympians Michael Frater and Sherone Simpson



FACULTY OF EDUCATION AND LIBERAL STUDIES



Dr. Rohan Lewis
Dean

- School of Technical and Vocational Education (SOTAVE)
- The Department of Liberal Studies (DOLS)
- Graduate Studies and Research Unit

Dr. Haldane Johnson completed his 4-year tenure as Dean of The Faculty of Education and Liberal Studies on August 31, 2011 and was succeeded by Dr. Rohan Lewis, former head of the Foreign Language Division. Dr. Johnson has since been promoted to the position of Associate Vice President, Undergraduate Studies in the Office of the Deputy President.

Dr. Leonie Clarke replaced Mrs. Shermaine Barrett as Head of the School of Technical and Vocational Education (SOTAVE) and Dr. Nova Gordon-Bell assumed the position of Head of Department of Liberal Studies (DOLS) replacing Ms Sheila Coulson.

Courses of Study and New Initiatives

The reputation of the School of Technical and Vocational Education (SOTAVE) is built on training educators in technical specializations. SOTAVE now offers a new specialization, a BA in Apparel Design, Production and Management (ADP & M) for those interested in entering the fashion industry.

Through its Department of Liberal Studies, the Faculty offers general education modules in languages, psychology and other humanities and social sciences intended to enhance learning and provide graduates with a heightened awareness and practice of professionalism and the development of skills in effective communication and social learning. DOLS also delivers the BA in Communication Arts and Technology, a comprehensive undergraduate communication and media degree.



A model showcases a design done by a UTech Apparel Design, Production and Management student.

The Department formulated a multi-pronged response to the issue highlighted in the Trevor Hamilton report that deficiency in language and communication skills was one of the weaknesses that employers found in UTech's



THE FACULTY OF EDUCATION AND LIBERAL STUDIES *Cont'd*

graduates. The problem was one already being addressed by the Department; a Proficiency Test in English, the Developmental/Foundation English, and Academic Writing 1 were introduced in 2009/10. A review of the performance in these programmes formed part of recently concluded research.

DELE Centre Launch



Ambassador of Spain, Her Excellency Celsa Nuño and UTech President, Prof. the Hon. Errol Morrison seal the partnership agreement between the two institutions with a handshake. Looking on is Dr. Rohan Lewis, Dean, Faculty of Education and Liberal Studies.

The DELE (Diploma de Espanol Como Lengua Extranjera) is the official accreditation of the degree of fluency in the Spanish Language issued by the Government of Spain through the Cervantes Institute. UTech is now a part of the wide network of DELE Examination Centres across the world. The Embassy of Spain handed over to the Department of Liberal Studies' Foreign language Division 60 licenses for the Virtual Spanish Classroom AVE (Aula Virtual de Español), and books and audio resources for use in the teaching and learning of Spanish. The licenses for AVE are currently being used by DOLS to teach students in the School of Hospitality and Tourism Management and the School of Engineering (Chemical Engineering).

Associate Degree - Grenada

Twenty-six (26) students from Grenada completed the Associate Degree in Technical & Vocational Teaching by Distance. Of the twenty six students, the first cohort of Associate Degree students, nineteen (19) were awarded Merit degrees some of whom have articulated into the full time B.Ed. TVET programme.

Interfaith Awareness Day



Students and visitors interact at Interfaith Awareness Day.

The Eighth Annual Interfaith Awareness Day was held on March 1, 2012 at the Caribbean Sculpture Park, UTech. This year's event was dubbed "A Tribute to Professor Ajai Mansingh", co-founder of the Jamaica Council for Interfaith Fellowship, who passed away in August, 2011.

Graduate Student Research Conference

The first Postgraduate Students' Research Conference was held on February 2, 2012 on the theme "Empowering Graduates through Research for Human Capacity Development." The guest speaker was Dr. George Dawkins, Principal Lecturer and Director of Research, Development and Projects at the Shortwood Teachers' College and a CAST alumnus.

Research Publications

Miss Mariana Gonzalez published an article entitled "Comparative study of online translators: Systran, Reverso and Google" Peer-reviewed Journal NÚCLEO No 27, 2010, pp.187-216, Central University of Venezuela, Caracas.

Mrs. Sylvia Hall's and Miss Sheila Coulson's article entitled "Undergraduate Students' Perception of the Relevance of General Education Courses in their programme – A UTech Perspective" was published in the UWI Quality Education Forum Postcolonial Perspectives No. 17, January 2011.



FACULTY OF ENGINEERING AND COMPUTING



Mrs. Charmaine DeLisser
Dean

- School of Engineering
- School of Computing and Information Technology

ACADEMIC PROGRAMMES

The first cohort of MSc in Information Systems Management programme began in September 2011. The programme offers specified training in Enterprising Security, Project Management, Database Technologies, and Software Engineering.

A Postgraduate Diploma in ICT (PGD-ICT), targeting tertiary degree holders who are in disciplines outside of computing but possess the capacity to create transformative value in their organizations through the use of ICT, has been designed for offering in September 2012.

LINKAGES

- The School of Engineering and the Armstrong Atlantic State University, USA collaborated on a student team summer research initiative (May 27, 2011-June 26, 2011). The team, comprising 4 students from each institution, designed a portable air condition unit that was low cost, environmentally-friendly and utilized locally available bio-materials as an alternative power source.
- The School's Energy Unit and Wigton Wind Farm Ltd. signed a Memorandum of Understanding (March 2012) to collaborate in the development of renewable energy training.
- The School of Engineering Biomedical Unit in collaboration with the School for Therapy, Education and Parenting (STEP) of children with disabilities has embarked on a project to provide affordable,

comfortable and appropriate ambulatory devices to children with physical challenges.



Workshop participants examine an ambulatory device designed for children with physical challenges.

- In June 2011 a Memorandum of Understanding between UTech/SCIT and Toon Boon Animation Inc. was signed, formalizing the intention of both entities to collaborate for the provision and use of Toon Boom Inc's license animation software products and the integration of Toon Boom curriculum (animation and digital content) into the School's Multimedia programme.

SPECIAL PROJECTS

- The Schools' Energy Unit designed, built, and installed a stand-alone solar-powered water pumping system for Carron Hall community, St. Mary. The system pumps water from a catchment source and was designed to deliver 6000 gals of water daily. The overall project cost approximately J\$1.7M.



FACULTY OF ENGINEERING AND COMPUTING *Cont'd*



Students from the Carron Hall community in St. Mary celebrate the advent of piped water in their community. Above is the water pumping station.



The UTech team in action at the Institute of Electrical and Electronics Engineers (IEEE) Region 3 robotics competition in March 2012.

- A team of students from the School of Engineering attended the Institute of Electrical and Electronics Engineers (IEEE) Region 3 Southeastern Conference held March 15-18, 2012 in Orlando, Florida, USA. The fourteen (14) member student team participated in six competitions.; Ethics paper, Software, T-Shirt design, Website, Technical paper and Hardware (robotics) competitions. The students were awarded 1st place for the T-Shirt design, 3rd place in the Technical paper and hardware competitions. The students were also placed in the top five for the Ethics paper competition, out of nineteen Universities.
- Four groups of engineering students (Mechanical, Chemical, Civil and a mixed unit) competed in a Bridge Building Competition hosted by the Jamaica Institute of Engineering (JIE), held at the Jamaica Pegasus Hotel on September 22, 2011. The teams were tasked to build

a model bridge with macaroni and crazy glue. The aim of the competition was to encourage exploratory learning.

- In January 2012, Sapna, the Entrepreneurial arm of the School of Computing and Information Technology (SCIT), entered four teams in the Slashroots Developers Competition held at the University of the West Indies (UWI), Mona. The team known as the Sapna-Ravers won the competition with their web application known as IT-Farm, which integrates technologies such as Google Maps and SMS (Short Messaging Service) for Jamaican farmers to use.



FACULTY OF ENGINEERING AND COMPUTING *Cont'd*



Kimroy Bailey (left), UTech engineering student collects the Exemplary Student Branch Award for "outstanding branch operation" of the UTech IEEE student branch from David Green, Director, IEEE, at the Region 3 Institute of Electronic and Electrical Engineers (IEEE) Southeast Conference 2012 held at the Wyndham Hotel in Orlando, Florida from March 15 – 18, 2012.

Facilities Upgrading

The Faculty undertook extensive upgrading of teaching facilities:

- **Work/Machine Shop**
The work/machine shop was upgraded with the purchase of a band saw at a cost of approximately J\$850,000.00, and a CNC Plasma Cutter for J\$2,500,000.00. In addition to radically changing the method of producing technical complex shaped pieces from plate material with repeatable accuracy the new equipment will also create opportunities for income earning from industry and research.
- **Environmental Laboratory**
A microwave, medium temperature and high temperature ovens were purchased to enable research work.
- **Energy Laboratory**
A Rankine Cyclor was procured from Turbine Technologies at a cost of J\$2.5M. This table top unit is designed to boost studies in vapour power plants operation and performance. A Fortin Barometer was also purchased for J\$120,000.00 to take atmospheric pressure readings for experiments.
- **Refrigeration Laboratory**
A Refrigeration Cycle Demonstration Unit was procured at a cost of over \$1M to advance teaching and research activities in Refrigeration Cycle.



FACULTY OF LAW



Prof. The Hon. Oswald Harding, OJ
Dean

The Faculty celebrated with its first cohort as they received their Bachelor of Laws Degree at the University's graduation ceremony held on November 5, 2011.

In July of 2011, 39 students sat the Norman Manley Entrance Examinations, 30 of whom were successful in gaining entrance, with 5 of them being placed in the top ten. Outstanding graduate Michael Gonzales achieved first place in the Norman Manley Entrance Examination. He was also awarded the President's Pin for his overall academic achievement with a GPA of 3.77.



First class honours Bachelor of Law graduate, Michael Gonzales (left) receives his certification from Chancellor, the Most Hon. Edward Seaga, ON, PC.

Mooting Competition

In March 2012, a team of students led by Assoc. Prof. Kent Pantry, CD, QC, participated in the Caribbean Court of Justice Fourth Mooting Competition held in Trinidad and Tobago.

Legal Advice Centre

The University of Technology, Jamaica (UTech) officially launched the UTech Legal Advice Centre on November 11, 2011. The Centre which had been in operation at the Papine Campus since July 4, 2011 provides legal advice to persons who are socially, economically or otherwise disadvantaged.

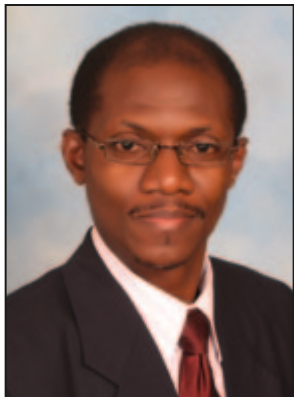
The UTech Legal Advice Centre is headed by Associate Professor Kent Pantry, CD, QC, former Dean of UTech's Faculty of Law and former Director of Public Prosecutions. Mr. Pantry is assisted by students who are responsible for taking statements from clients, researching their case needs and determining advice to be given under the supervision of an Attorney.



Associate Prof. Kent Pantry (centre) poses with students of the Faculty of Law following the launch of the UTech Legal Advice Centre held at Terra Nova Hotel on November 11, 2011.



FACULTY OF SCIENCE AND SPORT



Dr. Colin Gyles
Dean

- School of Natural & Applied Sciences
- School of Mathematics and Statistics
- Caribbean School of Sport Sciences
- Centre for Science-Based Research Entrepreneurship & Continuing Studies
- Department of Sport

The establishment of the Faculty of Science and Sport in 2009 confirmed UTech’s recognition of the link between the application of scientific principles and sustainable sporting success. As a part of the process of consolidating the sport development thrust of the University and optimizing the natural synergy between the academic aspects of sport and the practice of sport, the Department of Sport has been brought under the umbrella of the Faculty, to facilitate better coordination of the shared activities and unified support for the common forward thrust.

The Faculty offers courses of study at both undergraduate and graduate levels and delivers science, mathematics

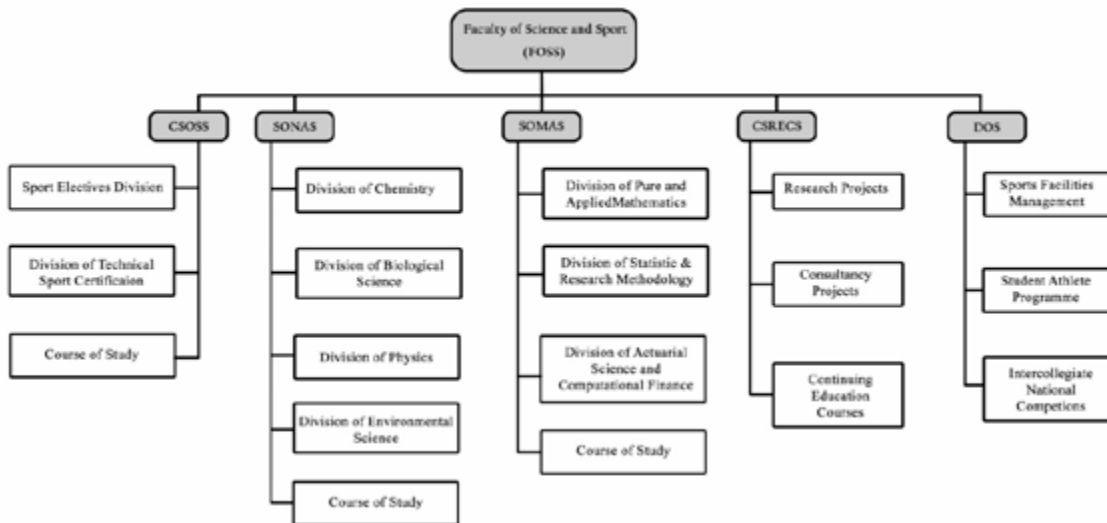
and sport elective modules for all courses of study across the University. Through the Department of Sport, the Faculty also manages the University’s sport competitions, participation in sporting events and preparation of athletes.

New Academic Programmes

- The MPhil/PhD Chemistry course of study is now ready to start accepting students.
- A Bachelor of Science degree and Diploma in Integrated Health Science is to be offered by the School of Natural and Applied Sciences (SONAS).

In addition to delivering all the basic science, mathematics and sport elective modules in all courses of study across the University, the Faculty also delivers four (4) undergraduate courses of study:

Current Organizational Structure of the Faculty



- Key:**
 CSOSS – Caribbean School of Sport Sciences
 SONAS – School of Natural and Applied Sciences
 SOMAS – School of Mathematics and Statistics
 CSRECS – Centre for Science-based Research, Entrepreneurship and Continuing Studies
 DOS – Department of Sport



FACULTY OF SCIENCE AND SPORT *Cont'd*

- BSc in Science and Education with
Double majors in Biology, Chemistry, Mathematics or
Physics jointly with Education
- BSc in Applied Science Industrial & Analytical Chemistry,
Environmental Science or Forensic Chemistry
- BSc in Applied Statistics Environmental Statistics and
Social & Economic Statistics
- BSc in Sport Sciences with specializations in
Art and Science of Coaching
Sport and Management
Athletic Training (Sport Physiotherapy):
- MSc in Physical Education and Sport

Research Awards

Dr. Andrew Lamm, Lecturer in the Chemistry Division and Research Manager of the NPRL, received the 2011 UTech President’s Research Initiative Award and a Young Scientist Award from the International Union of Pure and Applied Chemists (IUPAC) for the 43rd IUPAC World Chemistry Congress and 46th IUPAC General Assembly held in Puerto Rico from July 30 – August 7, 2011.

Inaugural Coaches Conference

The first Coaches’ Conference was held on April 15, 2011 under the theme “Connecting Coaches with Science and Society”. There were over 250 participants. Dr Dennis

Johnson, the founding father of UTech’s sporting programme was the patron of the event at which three other sporting stalwarts were honoured. The three: Dr. Cynthia Thompson, a member of Jamaica’s first Olympic team and the country’s oldest living Olympian, Mr. Lindy Delapenha, an outstanding schoolboy sportsman and the first homegrown Jamaican to successfully play professional football in the United Kingdom and Mr. Tony Becca, retired Sports Editor of the Gleaner and noted cricket writer.

Prof. Yannis Pitsiladis, College of Medicine, Veterinary & Life Sciences Institute of Cardiovascular & Medical Sciences, University of Glasgow and Distinguished Adjunct Professor, UTech, was the plenary lecturer. His presentation examined the reasons Jamaicans and people of other nations run so fast.

Research Publications

Four peer-reviewed publications (published and in press) and two book chapters were reported for the period April 2010 to March 2011. These articles are listed in Table 1 below. Please note that the FOSS Faculty member is given in bold.

Inaugural Scientific Conference

The Faculty of Science and Sport’s Inaugural Scientific Conference was held on June 8 – 9, 2011. The conference showcased the work of 20 presenters over two Plenary Lectures and seven Scientific Sessions from various institutions and countries.



Dr. Warren Blake, President, Jamaica Administrative Athletic Association (JAAA) addresses the UTech Coaches Conference.



FACULTY OF SCIENCE AND SPORT *Cont'd*

Table 1: Peer-reviewed Scientific (Journal) Articles and Book Chapters reported for April 2010 – March 2011 (UTech Faculty in bold)

AUTHORS	TITLE	NAME OF JOURNAL OR BOOK	PUBLICATION YEAR, VOLUME, PAGE, YEAR
S. Das, Andrew S. Lamm , and J. P. N. Rosazza	<i>"Biotransformation of (+)-Catechin to Novel B-Ring Fission Lactones"</i>	Organic Process Research and Development	2011 , 15, 231–235
Andrew. S. Lamm , A. Khare and J. P. N. Rosazza.	<i>"Reduction of Carboxylic Acids by Carboxylic Acid Reductase (Car) heterologously expressed in E. coli."</i>	Practical Methods in Biocatalysis and Biotransformation – Book Chapter	2010 , VCH-Wiley. ISBN: 978-0-470-51927-1
A. Khare, Andrew. S. Lamm and J. P. N. Rosazza.. In,	<i>"Biotransformations of naphthalene to 4-hydroxy-1-tetralone by Streptomyces griseus NRRL 8090"</i>	Practical Methods in Biocatalysis and Biotransformation – Book Chapter	2010 , VCH-Wiley. ISBN: 978-0-470-51927-1
Pamela D. McLaughlin , W. A. McLaughlin, D. P. Maxwell, I. I. Amarakoon and M. E. Roye	<i>"Detection of Begomoviruses associated with Crops and Weeds in the Caribbean Islands of Antigua, Barbados and St. Kitts & Nevis"</i>	Tropical Agriculture [in press]	2011
Sheena Francis , Delgoda R, Young R.	<i>"Effects of embryonic exposure to a-lipoic acid or ascorbic acid on hatching rate and development of zebrafish (Danio rerio)"</i>	Aquaculture Research [in press]	2011
Badal S, Williams S, Huang G, Sheena Francis , Vendantam P, Dunbar O, Jacobs H, Tzeng TJ, Gangemi J, and Delgoda R"	<i>"Cytochrome P45 1 enzyme inhibition and anticancer potential of chromene amides from Amyris Plumieri"</i>	Phytoterapia [in press]	2011

Professor Yannis Pitsiladis gave the first plenary lecture on "Genetic Technology and Sport: Focus on Genotyping, Genetic Tests and Selection". The second plenary speaker, Professor Garth Baker, Caribbean Institute for Mathematical Sciences, Jamaica, presented on "The Role of the Mathematical Sciences in National Development."

Linkages

UTech continues to collaborate with local sports associations to support development in a number of sports.

- Four (4) Advanced Level I, and two Advanced Level II(2) Coaching Courses were delivered to the Jamaica Football Federation (JFF) .



FACULTY OF SCIENCE AND SPORT *Cont'd*



From left, Prof. Yannis Pitsiladis, College of Medicine, Veterinary & Life Sciences Institute of Cardiovascular & Medical Sciences, University of Glasgow and Distinguished Adjunct Professor, UTech in conversation with President, Prof. the Hon. Errol Morrison, OJ and Deputy President, Prof. Ashok Kulkarni.

- UTech continues to collaborate with the Jamaica Cricket Association (JCA) and the West Indies Cricket Board (WICB) to facilitate the continuation of the education of young cricketers on and off the field as well as the training of coaches.
- A six-week Advanced level I Netball Coaching Course, a partnership between UTech and the Jamaica Netball Association (JNA) was conducted.



President of the Jamaica Netball Association (JNA), Mrs. Marva Bernard, (centre), Minister Without Portfolio in the Office of Prime Minister with Responsibility of Sport, Hon. Natalie Neita-Headley (right) and Dr. Colin Gyles, Dean of the Faculty of Science and Sport, participate in the signing of a Memorandum of Understanding to support the development of netball.



FACULTY OF SCIENCE AND SPORT *Cont'd*

Department of Sport



Mr Anthony Davis
Director

The Department prides itself on being the “Home of World Class Athletes” and strives to maintain that reputation by providing Student Athlete Support Services and supporting student participation in as wide as possible a range of sports at all levels, locally and

internationally. The UTech Classic Series is designed to raise the profile of the University as an institutional player in sport.

INTERNATIONAL REPRESENTATION

World University Games 2011

The Intercollegiate team representing Jamaica in the sport of Track & Field at the 2011 World University Games comprised nineteen (19) persons, five (5) being student-athletes from the University of Technology, Jamaica.

The Games were held on August 12-23rd, 2011 in Shenzhen. The UTech athletes individually contributed four (4) of the six (6) gold medals and one (1) of the two (2) silver medals. In addition, two (2) UTech student athletes were on the women’s relay team that copped the bronze medal. The Student Athletes were:

Name	Event	Placing	School
Anneisha McLaughlin	200m	1 st & 3 rd relay	SOBA (Graduate, 2011)
Carrie Russell	100m	1 st & 3 rd relay	FELS
O’Dayne Richards	Shot Putt	1 st	SCIT (Graduate, 2011)
Peter Matthews	400m	2 nd	SHTM
Jacques Harvey	100m	1 st	SOBA



Jacques Harvey proudly displaying the Jamaican flag at the 2011 World University Games after winning the 100m

2012 Penn Relays and Miramar Games

At the 2012 Penn Relays UTech won the title for the College Men’s 4 x 200 Championship of America. UTech was unable to retain their Championship of America College men 4 x 100m title, but placed 2nd. In individual events, Carrie Russell of the Faculty of Education and Liberal Studies was successful in defending her College Women 100m dash Championship and Jacques Harvey of the School of Business Administration was crowned the College Men 100m dash Champion.

The Track & Field and the Cricket Team also did well at the 1st Annual UTech, Jamaica and City of Miramar Games that was held in Florida from April 28-30. The Cricket team was successful in winning both the 20/20 matches held against the Florida Cricket Association (FCA) capturing 92 runs compared to FCA’s 91 and for their 2nd match, 145 runs versus FCA’s 124 runs. Damion Williams of The Faculty of The Built Environment and Cassius Burton of the Faculty of Science and Sport were named Man of the Match respectively.

Inter-Collegiate Competitions

The Intercollegiate Competition season officially began at the Jamaica Intercollegiate Sports Association’s 50th Anniversary Opening Ceremony that was held on October 8, 2011 at the Montego Bay Community College. UTech competed in ten (10) categories.



FACULTY OF SCIENCE AND SPORT *Cont'd*



Members of the Track & Field and Cricket Teams at 2012 Miramar Games Banquet

Track & Field Male Female
Netball
Table Tennis Male Female
Hockey Male Female
Volleyball Male Female

Basketball Male Female
Cricket
Football Male Female
Badminton Male Female
Rugby League

September 24-25th, 2011 at the Caymanas Golf Club, a marked increase compared to 2010. The Classic featured competitors in the super senior, senior and juniors sections for both males and females.



Members of the Golf team and coach, Jason Lopez at the 2012 UTech Golf Classic at Caymanas Golf Club

The UTech Knights won four (4) championship titles.

LOCAL REPRESENTATION

The University also maintained a very high profile by participating and performing creditably in national club league competitions and tournaments:

- National Volleyball Association Club League
- KPMG Squash League
- Jamaica Netball Association (JNA) Club League
- National Badminton Club League
- Tae-Kwon Do Championships
- Golf Tournaments
- Chess Tournaments

The UTech Classic Series

The UTech Classic Series grew to include the two new events: Futsal and Tennis.

Golf Classic

The Golf Classic was a success with over sixty (60) persons participating in the two day event which was held on

Volleyball Classic

The Volleyball Classic was successfully held on December 3, 2011.

Cricket Classic

The 2012 Cricket Classic was successfully held on January 18-22, 2012. G. C. Foster captured the Classic trophy.

Table Tennis Classic

The 2nd Annual Table Tennis Classic, sanctioned by the Jamaica Table Tennis Association was successfully held on February 25th, 2012 at the Alfred Sangster Auditorium.



FACULTY OF SCIENCE AND SPORT *Cont'd*



UTech cricket team in action against Mico at the 2012 Cricket Classic



UTech player, Don Walker at the 2012 Table Tennis Classic

Tennis Classic

The first staging of the Annual UTech Tennis Classic was held on February 25th-26th for the preliminary matches and March 3rd-4th for the semi and final matches.

Track & Field Classic

The 5th staging of the Track & Field Classic was held at the National Stadium and saw participation from 470 athletes inclusive of five (5) overseas delegations/representing, Barbados, Colombia, Trinidad, Botswana and Cayman.

Local participants consisted of universities/colleges, clubs, high schools, preparatory/primary schools as well as athletes with disabilities. A new feature of the Meet was the introduction of a "clash" between athletes from MVP/Racer's track clubs. The aspect of the meet was well received as well as performances from UTech's top cheerleading team.

OUTSTANDING STUDENT ATHLETE S

Carrie Russell (Track & Field), Faculty of Education & Liberal Studies

As a result of her performance at the World University Games and her consistent excellence in the sport, Carrie Russell was presented the Kiwanis Club of Kingston Youth in Excellence Award on September 13, 2011 at the Wyndham Kingston Hotel. The award which has been established for the past ten (10) years is under the distinguished patronage of the Governor General of Jamaica. Carrie Russell was also awarded as the Student Athlete of the Year at the 2012 Inter-Collegiate Sports Awards held on May 10th at Shortwood Teachers' College.

Simon Tomlinson (Table Tennis), Faculty of Science and Sport

In the individual events, Simon Tomlinson retained the men's singles crown in the Inter-Collegiate championships. He also represented Jamaica at the Table Tennis World Championship held in Germany where the team, for the 1st time, was named among the top 100, coming in at 97th place.

Nicholas Dussard (Tae-Kwon-Do), School of Built Environment

Nicholas Dussard, a Student athlete of the year (2009-10) awardee, continues to do well on both the local and international Tae-Kwon-Do circuit.

Rochelle Prince (Golf), School of Business Administration

Rochelle Prince placed 1st at this year's Jamaica National Amateur at Caymanas Golf Club. Rochelle Prince is currently the under 17 National Junior Champion.

Cricket (CCC) representatives

Three cricket student athletes based on their excellent performance and skills were invited to try out for the Combined Campuses and Colleges team in Barbados on January 27th, 2012. Though they were not selected for the CCC team vs. Trinidad 4 day competition, the student athletes did well and benefited from the experience. They were Damian Williams and Ricardo Williams from the School of the Built Environment and Patrick Hearty, School of Computing and Information Technology.



FACULTY OF SCIENCE AND SPORT *Cont'd*

STUDENT ATHLETE SUPPORT SERVICES AND DEVELOPMENT

Nutrition/Meals Support

The programme which started in November 2011 currently offers nutritional support to student athletes from among three (3) teams. Budget constraints place significant limits on the programme.

Medical Support

For the 2011-12 academic year the Department assisted with 120 requests concerning medical support services which included a wide range of medical services.

Voice and Speech Training

A curriculum has been developed to facilitate the voice and speech programme which will see student athletes benefiting from a structured and flexible course free of cost.

Academic Support

Four (4) student athletes requested tutoring assistance. The tutoring programme will be reviewed with an aim to improve response time and student's use of the programme. Presently the UTech Academy seeks to assist by identifying suitable tutors and lecturers.

Sports Psychology Services

The Sports Psychology Programme allows for both individual and team sessions and includes the Sports Psychologist attending some training sessions as well as home and away games. The Department is convinced of the value of the programme and is committed to providing much-needed psychological support to student athletes. However, resistance or reluctance on the part of students to access the services indicate that the programme needs to be evaluated and reassessed.

INTERNATIONAL AND LOCAL LINKAGES/ COLLABORATIONS

UTech/JCA Cricket Scholarship

The Jamaica Cricket Association officially announced its award of three Scholarships for the 2011/12 academic year which covers tuition and boarding fees totaling \$417,000. The awardees were:

Cassius Burton, Faculty of Science and Sport (Foss), Davion Johnson, Faculty of Science and Sport (Foss) and Allen Powell, Faculty of Education and Liberal Studies (FELS).

UWI/UTech Sports Championship 2011

The 2nd staging of the UWI/UTech Sports Championship was successfully held at UTech's, Papine campus on September 17, 2011. The University of the West Indies captured the Championship trophy after a 4-1 win in the five sport challenge. The objectives for the day's events were however met, as over 1000 students from both universities were out in their colours as well as alumni and staff supporting their teams.

Chess at UTech

Partnering with the Magnificent Chess Foundation, the Department introduced Chess to the University population. In addition to encouraging student athletes to play chess, the Department installed six (6) chess boards on garden benches on campus to facilitate the playing of the game by members of the UTech community in general.



Inaugural chess class

Sponsorship

Total sponsorship received in both cash and kind from corporate entities, amounted to \$8,370,840.28. Contributors were: Nike; GlaxoSmithKline; Jamaica Observer; Power 106 and Music 99; Courts, Jamaica; Hitz 92 FM; Xsomo; KLAS; CVM; Tastee Limited; Sherwin Williams; Red Stripe; Hi-Lyte; Chang's Catering; Perishables Jamaica Limited.



FACULTY OF THE BUILT ENVIRONMENT



Dr. Carol Archer
Dean

The Master of Science in The Built Environment programme continues to grow. Intake for the academic year 2011/12 totalled thirteen (13) students. The programme also had its first graduates participating in the University's Graduation ceremony in November 2011.

Cooperative Education Activities

The internship programme continued to flourish in the Urban and Regional Planning (URP) programme, the BSc Land Economy and Valuation Surveying (BSc LEVS), the BSc Quantity Surveying (QS) and the B Sc SGIS. The participating students were successfully placed in professional organisations, and the feedback from supervisors remained positive.

Regional Study Tours

The architectural programmes carried out study tours at the following locations:

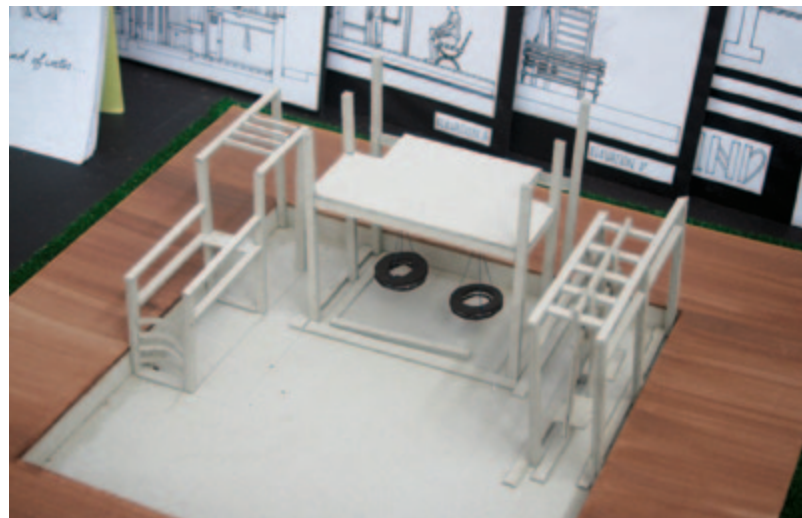
BA Architectural Studies, Year 3 - Antigua - January 2012
BA Architectural Studies, Year 4 - Barbados - February 2012
MArch. 1 - New York - April 2012
MSc Built Environment - Scheduled for next financial year (May 2012)

Safety Audit

The third year BSc Urban and Regional Planning students were mandated to conduct safety audits in the communities of Breezy Castle, Clarendon, Old Harbour Bay and Africa, St. Catherine as partial fulfilment of the requirements for the Community Development Planning.

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

Upon completion of the data gathering exercises, the students presented their safety audit findings and proposals to community members in May 2011. The community members lauded the students' effort and expressed appreciation of the relationship that was established with the students during the project.



CSA student exhibition

CARIBBEAN URBAN FORUM (CUF)

The Urban and Regional Planning Students' Society and Faculty participated in the Caribbean Urban Forum (CUF) which was held on March 14-17, 2012 at the Jamaica Conference Centre under the theme, "**Planning to Achieve the Vision... Towards a Green Urban Economy.**" The forum was organised by the Jamaica Institute of Planners, University of Technology, Jamaica, University of the West Indies, St. Augustine, Caribbean Network for Urban and



FACULTY OF THE BUILT ENVIRONMENT *Cont'd*

Land Management (CNULM), in association with the Caricom Secretariat, Canadian Institute of Planners (CIP) and American Planning Association (APA) among other sponsors. The event was aimed at showcasing examples of good planning and urban management practices from across the Caribbean and the initiatives made towards achieving a green urban economy. In addition, the Forum served as the launching pad for the Caribbean Planners Association (CPA).

The Faculty also hosted a networking event on day two of the forum as part of UTech's Contribution. At the close of the networking event, the Caribbean Young Planners Network (CYPN) was launched.

The Planning Students' Society and Committee members also assisted in hosting mobile workshops as part of the activities scheduled for the final day of the CUF. The students were assigned the roles of facilitators and tour guides for selected sites in Downtown Kingston and Falmouth, Trelawny.

OUTREACH/LINKAGES

The Faculty maintained its visibility in the built environment industry.

- **Prince's Foundation - Rose Town Project**
The Land Surveying Division collaborated with the Prince's Trust to complete phase two of the Rose Town project. This involved the surveying component of the Rose Town land registration project and preparing Surveyor's Identification Reports for selected properties. The process is intended to verify the status of the titles for the properties surveyed.
- **Papine And Environs Redevelopment Plan**
The University's Community Service Director, Dean of the Faculty and the Community Service chairperson met with representatives from the University of the West Indies to discuss concerns relating to the project being undertaken in August Town and future community service collaboration with the Papine and environs community. The role of the two universities in delivering service learning and undertaking community service activities was discussed, as well as the methodology to be adopted in engaging communities. It was agreed that the August Town

community would finish the agreed upon work plan before the universities undertook further work. The community has restarted the work in August Town square. Committee members have been assisting the community to complete the work on the murals within the square.

- Graduate level students from the Caribbean School of Architecture presented their proposal for a gated entrance and community centre for the Elletson Flats community. The community members in attendance commended the students' presentation.
- The Mona Primary School's Board sought the assistance of the Faculty to conduct an assessment of the infrastructural development needs of the School with a view to developing proposals for fundable projects.

Report on CDEMA Projects

CDEMA is a regional organization established to strengthen the human capacity to deal with all aspects of disaster management in the region through its Enhanced Comprehensive Disaster Management Strategy.

Consultancy 1: Development of the results based work programme and performance measurement framework for the Education sector sub-committee

Description

The objective of the assignment was to develop and prepare a Work Programme for the ESSC that is aligned to the Enhanced Comprehensive Disaster Management (CDM) Strategy 2007-2012.

Consultancy 2: Inventory and development of the disaster risk management training course

Description

The objective of the consultancy was to review existing training and/or course materials related to disaster risk management with a view to identifying the core elements of a disaster management course of study and recommend key steps for the accreditation of disaster management courses.



FACULTY OF THE BUILT ENVIRONMENT *Cont'd*

Research Publications by Dr. Amani Ishemo

1) "Energy Demand considerations for the supply of Domestic Water in Jamaica" by Dr. Amani Ishemo published by Routledge in the International Journal of Water Resource Development Vol. 27, No.4, pp. 759-763.

2) "The Dilemma of Education for Sustainable Development in the Caribbean" by Dr. Amani Ishemo published in the Caribbean Journal of Education for Sustainable Development. Vol. 1 No.1 PP. 17-23.

Mr. Garfield Young had an article published in the India-based magazine 'Coordinates' titled "Making Surveying Education Relevant". A second paper (peer-reviewed) has also been accepted for publication in the prestigious Survey Review Journal.

Mr. Glendon Newsome along with Percival Wallen, (3rd year student) published an article in the recent edition of the LSAJ's Newsletter 'Misclosures'. The article was titled "The Use of Un-manned Aerial Vehicles in Surveying".

Donations

The Faculty welcomed the contribution of construction materials by the University of Nottingham, UK to the Construction Engineering Laboratory (CEL), in the Construction Engineering Division.



THE UTECH ACADEMY



Associate Professor Geraldene Hodelin
Director

The public launch of the UTech Academy took place at the Greenfield Stadium in August 2011. The UTech Academy is the conduit for introducing the established Faculty programmes across the island and the Caribbean.

The Papine campus is the base for the UTech Academy but it offers programmes from strategic locations across Jamaica. The UTech Academy also operates as the Open Learning-Open Access entity of the university serving the needs of the communities across Jamaica and the Caribbean, utilizing a range of delivery modalities. Learners with limited access to higher education as a result of inadequate secondary preparation as well as other challenges to access centers of continuous learning should now be able to find opportunities through the UTech Academy to grow academically and socially.

Academic Programmes

During 2011-2012 the UTech Academy offered the following programmes at Greenfield in Trelawny:

- Pre-University Modules (7 subject areas)
- Pre-requisite Course of Study (PCS) (4 subject areas)

These courses of study were ratified by the Academic Board as alternative matriculation for entry into the University of Technology, Jamaica. Fifteen students from the first cohort of thirty-two successfully completed the Courses and have been accepted into full time courses of study in various

Faculties at the University of Technology, Jamaica, Papine Campus for academic year 2012/13.

During the year under review, the UTech Academy collaborated with faculties and colleges for the delivery of short courses throughout the academic year including the Summer session. Popular courses have been: Emergency Medical Technician; Certificate in Phlebotomy; Lab Safety and Technique ; Water Works & Sewage Plant Operation and Maintenance; Introduction to Computer Aided Design & (CADD); Procurement and Contract Management; Hospitality Modules (e.g. Cake Decorating, Vegetarian Cuisine); Ornamental Fish Rearing.

The University signed a Memorandum of Understanding with the Rural Family Support Organization (RuFamSo) in October 2011 to offer a Certificate Programme in Child Care and AdoleScent Development (CHAD).

Professional Development Programmes

The Academy continues to develop and provide Professional Development programmes on request for various professional groups at all sites. These include teachers, tourism workers and other special interest groups. The Academy collaborated with Partners of America to offer an A Ganar programme in Youth Workforce Development through Sports which involved working with 60 inner city youth. The Academy provided supervision for the Literacy component of four hours per week.

Facilities

Classroom and lab space remain a challenge for the Academy. Nevertheless, in addition to delivery of programmes on the Papine and Montego Bay campuses,



THE UTECH ACADEMY *Cont'd*



University of Technology, Jamaica (UTech) President, Prof. the Hon. Errol Morrison (seated second left) and Ms. Utelia Burrell, (seated 2nd right) Chief Executive Officer, Rural Family Support Organization (RUFAMSO) sign a Memorandum of Understanding for the development of academic and community programmes on Wednesday, August 31, 2011 at UTech's Papine campus. Also signing are Mrs. Karyl Powell –Booth, (1st left) Lecturer, College of Health Sciences, UTech, Prof. Geraldine Hodelin, (Director, UTech Academy. Looking on is Miss Claire Sutherland, Senior Director, Institutional Relations, UTech.

and at community colleges with which agreements exist, the Academy continues to broaden its delivery sites in Falmouth and May Pen. Additional sites are being explored for the coming academic year.

Franchise Programmes

- Orientation was conducted with students at several community colleges which have a franchise agreement with the Academy. The students were addressed by representatives from faculties, the Students' Union, Community Service office and The UTech Academy.
- Franchise partners from the community colleges were trained in the use of the University's Integrated Students Application System (ISAS).
- The University and Knox Community College have entered into another franchise arrangement to offer years 1 and 2 of the Bachelor in Business Administration.



DIVISION OF HUMAN RESOURCES



Mrs. Jennifer Ellis
Vice President

Fostering a performance-centered environment

A significant element of the Institutional Strengthening project, financed by the Caribbean Development Bank (CDB), was a HR Effectiveness Review conducted by the consultants PriceWaterHouseCoopers. The goal of the review was to enhance the quality of the University's human resource function to enable the institution to achieve its objectives.

A major outcome of the review was a change in the structure of the Human Resources & Administration Division and the implementation of a HR Business Partner Model Project (HRBPM). It is expected that this model will enhance the overarching design principles to support the transformation of the University's Human Resource functions to a strategic business partner level.

The pilot of this project was initiated in October 2011 with the College of Business & Management and expected outcomes include a higher standard and more effective delivery of HR services, more efficient use of resources, improved communication and increased staff satisfaction.

Recognizing Achievement

Under the theme "Building Relationships Through Service Excellence," the 41st Annual University Awards Ceremony was held on May 12, 2011 during which staff from all categories were honoured for long and distinguished service, service to the community and for excellence in research. Some external persons were also recognized for

their contribution to the development of the institution. The occasion was also used to launch the University's Customer Service Initiative aimed at improving service delivery at the University.

Corporate Wellness Programme

In February 2012 the Division launched a Corporate Wellness Programme under the theme "Creating a Culture of Wellness" recognizing the impact wellness has on employee productivity.

Staffing

Total staffing stood at 1365 persons in the following categories:

Full Time Staff

Category	Status	
	Permanent	Temporary
Academic	558	-
Non-Academic		
Administrative	519	3
Ancillary	119	14
Technical	152	-
Total	1348	17
Grand total	1365	

• Academic Part-time (FTE-full-time equivalency) - 112 (*variable)

With a student population of 12,564, the total staff to student ratio stood at 1:9.2.; Academic staff to Student ratio at 1:22.5; and non-academic staff to student ratio at 1:15.7.



Mrs. Jennifer Ellis, Vice President, Human Resources and Administration presents Mr. Terrence Bobb-Semple, Calvin McKain Library with his long service award for 25 years of service to the University.



DIVISION OF HUMAN RESOURCES *Cont'd*

Office of the Customer Service Advocate



Mrs. Tracey-Ann Pessoa
Customer Service Advocate

Members of staff, students and visitors alike, are constantly reminded of the core values on which UTech is determined to build its culture of service - respect, excellence, accountability, innovation, service, team spirit, integrity. The core values have been framed and mounted in public spaces and service areas across the campus. The mission of the Office of the Customer Service advocate is to embed these values into the hearts and minds of the university community, so that they will become the guiding principles of customer service delivery.

This sensitization has gone hand in hand with Customer Service training in collaboration with the Staff Development Unit. Customer service training was held at the Montego Bay Campus in November 2011. Two hundred and one (201) staff members were trained over the period from the ancillary, academic and administrative category.

President's Award for Excellence in Customer Service

The Inaugural President's Award for Customer Service was presented at the 41st Annual Long Service Award function in May 2011. The Customer Service Initiative was also officially launched and the new Customer Service Vision Statement unveiled.

Map of the Papine Campus Guide

Over two thousand copies of the "Papine Campus Guide" were distributed to Faculties/Colleges, divisions and departments to assist both internal and external customers to traverse the campus with ease.

Customer Service Suggestion Boxes

To improve the quality of customer service through feedback, thirty-one (31) Customer Service suggestion boxes were distributed and placed at strategic locations at both campuses and sites. An online link was also implemented where interested persons can complete the customer survey.

Improving the Operations of the Mail Room and Main Lobby

- The Lobby is now open from 8:00 a.m. - 8:00 p.m. – Mondays – Fridays.
- An official list of liaison persons for Faculties/Colleges/ Departments was developed to provide information on campus events so that the Lobby staff can provide accurate information to customers.
- A database of the mails received was developed to track volume, identify peak periods and inform the workflow.

Tracking Customers in the Lobby

Since February 2012 the tracking of the number of queries, nature of queries and the number of customers that visit the lobby began on a daily basis. The data will inform decision-making in terms of customers' needs and service delivery.

Telephone and Welcome Greetings

A standard greeting was introduced for answering the telephone and a standard greeting for the guards at the front entrance was implemented.



DIVISION OF DEVELOPMENT AND COMMUNITY SERVICE



Prof. Rosalea Hamilton
Vice President

Organizational Changes

The Division experienced significant organizational changes during the year. Following the recommendation from the Governance Committee, the Development Division was renamed division of Development & Community Service, to give greater prominence to community service. Consistent with the University's renewed focus on Alumni Relations, a dedicated staff was assigned to the Alumni Relations Portfolio. There was also a centralizing of Institutional Relations functions within the Office of Development in July, 2011. The UTech Road to Olympic Glory (URTOG) initiative which commenced as an initiative under the ODev, was fully transferred to the President's effective June 1, 2011.

Linkages

- The Office of Development hosted a number of university-wide events designed to foster cross-faculty engagement, and to educate members of the university community and the public about significant topical issues. Highlights of the year included i) a Tax Reform Forum held on October 26, 2011, in collaboration with the Planning Institute of Jamaica (PIOJ) ; and ii) a Local Government Forum, held in collaboration with the Faculty of the Built Environment on Tuesday, March 20, 2012.
- The Office of Development also brokered an important entrepreneurial link with the sporting fraternity through the Sports Entrepreneurship Project. The

project is an initiative which aims to create a sustainable sports business model that will engage inner city youth. The Inter-American Development Bank (IDB) approved a grant contract for this project, with UTech as the executing agency. ODev and the Computing & Engineering Entrepreneurial Centre in collaboration with the Jamaica Society of Energy Engineers and The MSME Alliance hosted an Energy Seminar entitled Competition in the Jamaican Electricity Sector: A Future Scenario. Dr. Cezley Sampson facilitated this seminar.

Entrepreneurial Ventures

As part of the objective of the Scotiabank Chair in Entrepreneurship and Development to strengthen the entrepreneurial competency of the University, a number of entrepreneurial ventures were initiated. A series entitled Entrepreneurial Reflections: Past, Present & Future, was presented as part of the celebrations of Jamaica 50. The objective of the series was to reflect on the nation's entrepreneurial journey through a series of conversations with entrepreneurs, academics and others. Three reflections were held: i) Jamaica's early entrepreneurial journey during the pre- and post- emancipation era; ii) Entrepreneurs in the Banana Industry, the Jamaica Producers Story; and iii) the Bauxite Industry.

The Nationwide Scotiabank Challenge was another entrepreneurial venture spearheaded by the Scotiabank Chair in Entrepreneurship & Development in collaboration with Nationwide News Network. The competition formed part of a public education initiative in keeping with a policy objective of the Ministry of Industry, Investment and Commerce: "To inculcate a culture of entrepreneurship through sustainable capacity building and public education programmes". Under the theme Rising Above the Odds... Exploring the Possibilities, the competition highlighted the accomplishments of entrepreneurs in the Micro Small and Medium sized Enterprise (MSME) sector.

Entrepreneurship Week Celebration

The Joan Duncan School of Entrepreneurship, Ethics and Leadership and the Scotiabank Chair in Entrepreneurship and Development at the University of Technology, Jamaica (UTech) in collaboration with the student entrepreneurship-based Club Billionaire, hosted activities in celebration of national "Entrepreneurship Week" on Friday November



DIVISION OF DEVELOPMENT AND COMMUNITY SERVICE

25, 2011. Presented under the theme “Nurturing Today’s and Tomorrow’s Entrepreneurs” activities included a presentation of the findings of the Student Survey on Entrepreneurship by Professor Rosalea Hamilton. The programme also included a Panel Discussion entitled “Entrepreneurs in Action: Perspective & Experiences”, an Award Ceremony for the Business Entrepreneurial Empowerment Program (BEEP), presentation of Laptops by LIME to survey winners and booth displays.



Prof. Rosalea Hamilton presents student Conroy Jacobs with his certificate of participation in the BEEP (Business Entrepreneurship Empowerment Programme).

Institutional Relations

The Institutional Relations Office continued to facilitate external linkages between UTech and other institutions in keeping with the goals of the University. A Central Donor and MOU Database is being developed to support coordinated external relationship-building and to improve communication with external partners and supporters of UTech.

Thirteen (13) new MOUs were established; the areas of collaboration include research; academic programmes; competency-based initiatives with the HEART Trust/NTA; staff and student exchanges; articulation of programmes; widening of access to UTech through the UTech Academy; internships and practicums for students; and regarding UTech’s achievements and developments in Sport, Sport Sciences and Sport Education.

ADVANCEMENT DEPARTMENT



Hector Wheeler

Director

The Advancement Department, which comprises the Corporate Communications Unit, the Marketing Unit and Foundation, was engaged in a number of initiatives geared at promoting a positive public image of the University, strengthening relationships among internal and external stakeholders, engaging influential constituents and supporting UTech’s strategic goal of achieving national and regional recognition as the “University of Choice”.

Building the public image of the university and increasing media visibility

- The University launched a year-long calendar of events dubbed, “UTech’s Programme in Commemoration of Jamaica 50” to commemorate Jamaica’s 50th anniversary of independence led by the Director of Advancement. The activities showcased and promoted the role of UTech in national development since political independence.

The calendar of activities began with the staging of the annual UTech Anniversary Lecture on March 12, 2012 delivered by former Prime Minister and current UTech Chancellor, the Most Hon. Edward Seaga, ON, PC who spoke on the topic, “50 Years Backward and Forward?” Other activities include Faculty and student conferences, community service programmes, a Sustainable Energy Conference and Exposition, symposiums, a documentary and a gala banquet in honour of outstanding alumni to be held in December 2012.



DIVISION OF DEVELOPMENT AND COMMUNITY SERVICE *Cont'd*



Minister of Youth and Culture, the Hon. Lisa Hanna, MP (left) examines UTech's calendar of activities dubbed, "UTech's Programme in Commemoration of Jamaica 50" in celebration of Jamaica's golden jubilee which was unveiled at a special ceremony held on Thursday, March 1, 2012 at UTech. Sharing in the unveiling are Prof. the Hon. Errol Morrison, OJ, President, UTech and Mr. Hector Wheeler (right), Director Advancement/ Chair, Jamaica 50 @ UTech.

local, regional and international institutions and organizations. These included event management support for ceremonies for the signing of Memoranda of Understanding, official visits to the UTech Papine campus by local and international bodies/institutions.

Improving communication with our stakeholders

A Corporate Communication and Advertising Policy has been developed to enhance the standard of the institution's internal and external communications.

Local Student Recruitment

Over 2,000 students from sixty secondary Schools island-wide participated in the inaugural Open House held at the UTech, Papine campus on September 29, 2011. The day's activities included a luncheon for guidance counselors.

Representatives from the Marketing Unit participated in career day activities held at over 60 secondary Schools island-wide as well as 12 major Career Fairs/Expos.



Former Prime Minister of Jamaica and current Chancellor of the University of Technology, Jamaica (UTech), the Most Hon. Edward Seaga, ON, PC delivering the 25th Annual Anniversary Lecture on Monday, March 12, 2012 at the Jamaica Pegasus Hotel in Kingston. Seated in the front row from left are Her Excellency Mathu Joyini, High Commissioner of South Africa to Jamaica, Dr. Fay Whitbourne-Morrison, Prof. the Hon. Errol Morrison, OJ, President, UTech, Her Excellency Celsa Nuño, Spain's Ambassador to Jamaica and Mr. Hector Wheeler, Director, Advancement, UTech.

- The "UTech Experts" database managed by the Corporate Communications Unit was heavily utilized during the period. Over 20 interviews were arranged with media houses for University personnel to participate in discourse on various issues of national and regional importance.
- The Advancement Department coordinated a number of activities designed to establish and maintain linkages with government, stakeholders, industries,

Marketing personnel made presentations and mounted booths displaying the University's programme offerings.

International Student Recruiting

- The University, led by the Advancement Department, bolstered its international recruitment drive in the Region by hosting its first international Open House in Port- of-Spain, Trinidad from January 20 – 22, 2012. The visit also included a special student



DIVISION OF DEVELOPMENT AND COMMUNITY SERVICE *Cont'd*



President, Prof. the Hon. Errol Morrison, OJ makes a presentation on the development of UTech to a group of representatives from the American Associates, Ben-Gurion University of the Negev (AABGU), an American NGO founded in 1972 to raise funds for Ben-Gurion University of the Negev during lunch with members of UTech's executive management team at Lillian's Restaurant, UTech Papine campus on February 10, 2012. Ben-Gurion University is a major research university in Israel with leading projects in the areas of environmental Science and ecology, medicine and global health, engineering, biotechnology, Hebrew literature, desert agriculture, water purification and management, solar energy and other areas.

recruitment presentation held at the prestigious boy's institution, Queen's Royal College and meetings with representatives from Metal Industries Limited (MIC) to explore collaborative opportunities for the provision of specialized training for staff.

- The Department coordinated the University's participation at five (5) International College Fairs held in St. Vincent, Guyana, Barbados, Antigua and Bahamas. Over 600 applications were received from prospective students.
- Corporate advertising was placed in 14 Commonwealth Countries (Anguilla, Antigua, Bahamas, Barbados, Belize, Bermuda, Dominica, Grenada, Guyana, St. Kitts, St. Lucia, St. Vincent, Trinidad and Turks & Caicos)
- UTech partnered with UNESCO- UNEVOC Centre in Bonn, Germany to establish the Jamaica University of Technology UNEVOC Centre. The Centre will form a part of the world-wide UNEVOC network and develop and lead a national network in Jamaica for the development and strengthening of TVET policies, systems and practices.



High school students in attendance at UTech's Open House on September 29, 2011.



CENTRE FOR THE ARTS



Mrs. Pat Ramsay
Director

Interest grows for Elective and Extracurricular programmes

The Centre for the Arts continues to attract a growing number of students and staff to its Visual and Performing Arts programmes. Through the University electives in Drama, Dance and Music over one hundred (100) students were registered for the academic year 2011-2012. Similarly, extracurricular activities to include Dance, Drama, Music, Drumming, Steel Pan, Instrumental Band and Visual Arts saw an increase in student participation. As part of their overall assessment in the programmes, students perform at University events such as the annual cultural showcase, awards functions and the annual graduation ceremony.

Unveiling of Marley Sculpture

The bronze Sculpture of reggae icon Robert Nesta Marley which was created by Russian Sculptor Gregory Pototsky and donated by the Russian Federation, through its embassy

in Kingston in 2007 was unveiled at a special ceremony held on Monday, February 6, 2012 at the Caribbean Sculpture Park, UTech Papine campus. The ceremony was part of the activities to mark the commemoration of Jamaica's 50th anniversary at UTech and in recognition of Bob Marley's birthday. The artist journeyed from Russia to participate in the unveiling ceremony. Minister of Youth and Culture, Hon. Lisa Hanna, MP delivered the main address at the unveiling ceremony.

UTech/JSIF Partnership

A one-year partnership between the University of Technology, Jamaica (UTech) and the Jamaica Social Investment Fund (JSIF) for the award of Scholarships to 28 inner-city students enabled recipients from communities in Kingston, Clarendon, and St. Catherine to participate in Visual Arts, Drama, Dance, Drumming, Steel Band, Music and Instrumental diSciplines offered at the Centre for the Arts. A progress report in the form of an "Open House" was held in December to showcase participants' development. The group also participated in the annual cultural showcase as part of their assessment.



Hon. Lisa Hanna (left), Minister of Youth and Culture, and Prof. the Hon. Errol Morrison, OJ, President, University of Technology, Jamaica (UTech) listen intently as Russian artist, Mr. Gregory Pototsky explains the creative concept of his bronze culture in the image of the late Reggae icon, Robert Nesta Marley during the unveiling ceremony held on Monday, February, 6, 2012, at the Caribbean Sculpture Park, UTech. Mr. Pototsky described the sculpture as "a song to humanity". Sharing in the moment is his wife, Mrs. Olga Pototsky.

Pioneer cultural icons honoured at annual Literary Festival and Cultural Showcase

Pioneer cultural icons Louise Bennett- Coverley and Ranny Williams were honoured at UTech's annual Literary Festival

and Cultural Showcase in recognition of Jamaica's 50th anniversary celebrations. The event which is a collaborative effort of the Centre for the Arts and the Calvin McKain Library began with a literary workshop conducted by Joan Andrea Hutchinson.

A Literary festival followed at Warner's Corner with Professor Mervyn Morris, Glen Campbell and Joan Andrea Hutchinson. The day's activities culminated with the



CENTRE FOR THE ARTS



Kaytana Taylor (centre), Sadiki Taylor (right) and Joel Douglas (left) perform at the Open House in December 2011.

attracted persons from Papine, Mona, August Town and surrounding communities as well as the University community and its partner institutions such as the University of the West Indies, Mico University, Shortwood College, and the Northern Caribbean University.



Delrose Coburn, a member of the extracurricular group plays Ms. Lou in the recreation of the popular 'Ring Ding' show. The 'children' are members of the Drama elective class.



The UTech Ensemble brings the curtains down on the annual Cultural Showcase. Sharing in the moment are Pat Ramsay, Director of the Centre, and celebrated Jamaican actress, Leonie Forbes.

Cultural Showcase in the Caribbean Sculpture Park.

The showcase, dubbed "Saluting the Mother and Father of Jamaican Theatre" included performances from students enrolled in the elective and extracurricular classes at the Centre. Dance, Drama, Drumming and Music were used to tell stories of Ms. Lou and Maas Ran who contributed to the 'Jamaicanization' of local theatre production, in particular, pantomime. Citations to both artists were presented to representatives of their families.

The annual cultural showcase was supported by the Jamaica National Building Society and the Jamaica Social Investment Fund. The event which is free to the public



COMPUTING AND ENGINEERING ENTREPRENEURIAL CENTRE



Mr. Owen Gunning
Director

The Computing and Engineering Entrepreneurial Centre (CEEC), established a decade ago provides consultancy, training, certification, partnership and franchising to a wide range of clients in the engineering and computing field throughout Jamaica and the Caribbean. The Centre has maintained that mandate, and continues to be a profit centre of the University.

As a University Centre, the CEEC develops and administers pre-requisite courses for entry into engineering, pharmacy, land and quantity surveying, and a number of new and innovative certification courses aimed at training and certifying technicians and maintenance engineers in areas that impact machine operations, productivity and quality controls.

CEEC has also forged alliances with a number of technology companies and regulatory agencies including internationally acclaimed MOBIUS Institute for Vibration, TEEL Technologies for mobile forensics and SPECTRUM Jamaica for radio and wireless transmission.

In the area of graduate study, the Centre administered the Master of Science in Engineering Management from FIU, on behalf of the Faculty of engineering and computing.

Consultancy

The Centre's consultancy portfolio grew in the area of energy management and engineering services. Its successes included; coping a \$17.5M project to design, procure and

install a 2.5 MW high voltage generator on the Caribbean Development Bank (CDB)/UTech enhancement project. The Centre's advantage of a strategic alliance with the Faculty of Engineering and Computing and the Office of Development allows it access to the largest and most experienced list of consultants in engineering and computing within the Caribbean. It further enhances the quality of its service by partnering with a number of external consultants and subject specific experts.

Clients, which have included companies like Petrojam, Jamalco, National Water Commission, Kaiser, Appliance Traders Ltd, Point village Resorts, Jamaica Cooperative Credit Union and Jamaica Energy Partners, have benefitted from the Centre's reservoir of knowledge and experience to re-engineer their processes to be more efficient and profitable.

Energy Conservation at UTech

CEEC is currently installing a 3 kW Photovoltaic on UTech's Papine campus which will be used to generate power for a UPS system as well as for training, research and development. A Building Automation System (BAS) which monitors and controls all loads in the building is being installed on the third floor of the faculty of Engineering and Computing as a pilot. This system emanated from an energy conservation audit for the entire campus

Profitability

The CEEC continues to be a profitable entity earning revenues of \$61 M with a surplus of approximately \$14 M during the reporting period.



DEPARTMENT OF COMMUNITY DEVELOPMENT AND SERVICE



Mr Seymour Riley
Director of Community Development and Service

The goals of the department are to:

- Involve the entire university community in service projects which address social and developmental issues in society.
- Work with the members of the immediate and wider communities and demonstrably improve their quality of life.
- Identify areas in national life where UTech can offer specific expertise and work in collaboration, through service activities and programmes, with the appropriate bodies in those areas.
- Ensure that UTech is an active leader and partner in the nation's development.
- Strengthen the bond between staff and students: engaging in the common goal of service.
- Develop a commitment to service in all students of the university.

The department achieves its goals through both internal and external activities which include:

- Mandatory Community Service Programme (CSP 1001) for all students
- "Saturday University"
- "Communiversality"
- UTech/Mustard Seed Communities Centre
- Cadet Officer Training programme
- African Cultural Renaissance Movement

- Service projects by University academic units, administrative units, individual staff members and the students union.
- Community engagements



Students from Hope Valley Experimental School perform at UTech's Concert in the Park held in Papine Square in March 2012.

Community Service Programme (CSP 1001)

All students in their first year give 40 hours of service to deserving agencies and community groups and participate in 5 hours of classroom reflection at the end of which they submit a written report analysing their experiences. For this they earn one academic credit. A workshop is held annually with the participating agencies to evaluate the previous year's activities and interact with the department and tutors from across the university.

Nominations are solicited from their tutors and the agencies to which they have been assigned and the two students adjudged to be the top performers are awarded



DEPARTMENT OF COMMUNITY DEVELOPMENT AND SERVICE *Cont'd*

a certificate of recognition by the International Partnership for Service and Learning, a university certificate and a fully paid trip to a Service and Learning conference at a university in the southern United States. On their return they make a presentation on their local and overseas experience to the incoming students at the annual Community Service conference during orientation week, to the annual Agencies workshop, sit on the planning committee of the Community Service conference and sit on the planning committee of the annual Concert in the Park.

“Saturday University”

This programme identifies areas of academic weakness and provides homework support for children from the surrounding communities who are preparing for the Grade 6 Achievement Test (GSAT), the Grade 9 Achievement Test (GNAT), the Caribbean Examinations Council (CXC), Caribbean Secondary Education Certificate (CSEC) in English and Mathematics and Adults requiring upgrading in basic general education and literacy. These classes are conducted by students, some of whom do it to satisfy their community service one credit requirement. In addition members of staff and community leaders give mentoring and career counselling sessions to the participants.

“Communiversality”

The Department, in collaboration with the Office of Distance and Open Learning was successful in an application for a grant from the Commonwealth of Learning for conducting an experimental programme of community education, occupational skills training and values and attitudes. This is directed to the communities of Highlight View, Kintyre and Hope Tavern for the training of 600 persons, mainly in the “youth at-risk” category over a three-year period. The Ministry of Education, the Jamaican Foundation for Lifelong Learning (JFLL) and the National Council for Technical and Vocational Education (NCTVET) are collaborating with UTech on the project with support from the Faculty of Education and Liberal Studies.

UTech/Mustard Seed Communities Centre

The Centre continued its unique service in the provision of rehabilitative and therapeutic services for the severely disabled children of the Mustard Seed Communities home at Sophie’s Place in Gordon Town. Over twenty children commute daily to the Centre. The services are provided by the University’s manager of the centre, staff from Sophie’s

Place and UTech students. The University provides the transportation. In addition to the service of care, the Centre conducts training for caregivers from other Mustard Seed Communities apostolates.

Cadet Officer Training Unit

This initiative began as a result of a directive from the President in response to a request from the Jamaica Combined Cadet Force to assist in the provision of cadet officers for deployment to school cadet units. Over 60 students volunteered to be trained. As part of their training, they have been providing support to the Department of Security and have put plans in place to begin working with the Papine High School Cadet Unit. In their short period of existence they have already been acknowledged as a leading training unit.

African Cultural Renaissance Movement (ACRM)

This student’s club focusses on the maintenance of an awareness of African Culture and its relationship to the Jamaican culture through African retentions. In addition to exhibitions and displays throughout the year it makes a major contribution to the annual celebrations for Black History Month. A highlight was the celebration of its 40th anniversary where a presentation was made to President Emeritus Dr the Hon. Alfred Sangster who was instrumental in its formation.

The ACRM Club, provides evening classes in a wide range of CSEC subjects and continues to maintain a high pass rate.

Community engagements

- The University maintains active membership on the Papine Development Area Committee (PDAC) which is a community unit of the Social Development Commission, the Hope Estate Educational Partners (HEEP) which has membership from all the educational institutions in the Hope Estate area, citizens associations, local community groups and three internal committees under the Community Service Advisory Committee (CSAC).

The committees, Job Creation, Fundraising and Sports interact with PDAC and the other community groups in community driven engagements. These include the UTech/Papine football and netball teams, training in Grant-funds proposal writing for community workers



DEPARTMENT OF COMMUNITY DEVELOPMENT AND SERVICE *Cont'd*

through the School of Graduate Studies, establishment of a community ornamental fish farm and the training of the participants in the business process by engaging the School of Entrepreneurship, UTech. Students of Papine High School have participated in lectures and workshops.

Collaboration with the Papine business community continued and included the arrangement of meetings with the Police, state agencies such as the National Solid Waste Management Authority and the Transport Authority to address issues in Papine.

- UTech Student club, the "Club Billionaire" continues to encourage the spirit of entrepreneurship and began the process of the formation of a "Teen Billionaire" club at Papine High School. The annual "Concert in the Park", celebrating community unity took place during the university's anniversary week in March 2012 and had its usual high impact.

University Service Projects

All university academic, administrative and ancillary units and staff are expected to participate in community service activities. Involvement in service also forms part of individual evaluations. The President's Award for Excellence in Community Service, is made annually and was given this year to the Faculty of the Built Environment at the annual staff awards function.

FACULTY SERVICE PROJECTS

School of Hospitality and Tourism Management

The Tourism Major Students of the School of Hospitality participated in producing a series of concept papers geared at stimulating sustainable tourism development in the south St. Elizabeth area. The project produced eight concept papers which were presented in March 2012 to Jason Henzel who accepted on behalf of the South St. Elizabeth Parish Development Committee.

Faculty of the Built Environment

The Faculty donated funds to the August Town community to assist with community development initiatives. The Faculty was also awarded the University of Technology, Jamaica Community Service Secretariat Award for outstanding contribution to the Papine and Environs Area. The award was made during the 11th Annual Community

Service Conference on August 23, 2011.

Students from the School of Building and Land Management (SBLM) participated in the International Coastal Clean-up Day organised by the Jamaica Environment Trust on September 17, 2011.

Faculty of Law

Students from the Faculty of Law, under the theme 'Take A Hand', assisted children at the St Anthony's Children Home in Kingston with homework, gardening, mentoring and provided the children with toys and clothes.

College of Health Sciences

The College supported the St. Luke's Church in Cross Roads with the hosting of its Annual Health Fair.

Faculty of Engineering and Computing

The faculty's major projects, for which it engages in various fund-raising activities, are the Anna-Kaye Scholarship Fund which supports a needy student through five (5) years of high School education, and the FENC Welfare Fund which provides financial assistance to meet very basic needs such as bus fare and grocery supplies for needy students of the Faculty.

The Faculty of Engineering and Computing was the recipient of the Vin Spencer Award 2011/2012 for outstanding contributions to student life on campus. The Faculty has an active Student Welfare Committee that engages in fundraising activities for its students. In September 2011, the Faculty launched the First Year Experience Programme and C.A.L.M. (Cultivating Academic Learning Meticulously).

Division of Students Service and Registry

Farquharson Hall of Residence hosted its annual Community





DEPARTMENT OF COMMUNITY DEVELOPMENT AND SERVICE *Cont'd*

Service Outreach Programme at the Jamaica National Children's Home; an institution they have adopted.

The annual children's treat for the wards of Reddi's Children's Home was held with 15 children and one caregiver attending. Seven members of the Division's staff and two from outside the Division assisted with this event.

Carols in the Park

The Counselling Unit staged its fifth annual "Carols in the Park", on Thursday December 1, 2011. Five Schools and or institutions received awards from UTech and Victoria Mutual Building Society, partners for the event, and others were given certificates of appreciation for their efforts towards "peace and unity in every community" as depicted by "Carols in the Park".



DIVISION OF STUDENT SERVICES AND REGISTRY



Mrs. Dianne Mitchell
University Registrar
Retired January 2012



Mrs. Mercedes Deane
University Registrar (Acting)
October 2011 – March 2012

The constituent departments of the Division are the University Secretariat, Academic Services Department, Student Services Department and the Office of the Registrar.

In its function as University Secretariat the Division provides oversight, guidance and support for all matters related to corporate governance. As the unit with core responsibility for ensuring a student-centred culture, the Division's strategic objectives for the 2011/2012 year were to:

- Improve customer service to students, including technology-enabled processes
- Expand opportunities for funding support for students
- Enhance the development of students to better equip them for citizenship, entrepreneurship and effective engagement in the workforce

Farewell to University Registrar

Mrs. Dianne Mitchell, Vice President Student Services and the University's First Registrar/Secretary to Council and the Academic Board demitted office on September 29, 2011. She was succeeded by Dr. Elaine Wallace. (Mrs. Mercedes Deane, Senior Assistant Registrar Academic Services was Acting University Registrar from October 2011 to March 2012.)

Also saying farewell to the University and the Division was Dr. Eslyn Jones, Assistant Registrar, Student Services who served the university for 17 years.



Mrs. Dianne Mitchell (right) accepts a portrait of herself surrounded by expressions of good wishes from members of staff and friends, presented by Mrs. Mercedes Deane, Senior Assistant Registrar, Academic Affairs.

Student Leadership Development Conference

The University hosted its thirteenth Annual Student Leaders Conference at UTech and Moorlands Camp site located in Manchester, from May 9 – 13, 2011.

Graduation 2011

The Annual Graduation Ceremony was held at the National Arena on Saturday, November 5, 2011 presided over by the Most Honourable Edward Seaga, ON, PC, Chancellor. This



DIVISION OF STUDENT SERVICES AND REGISTRY *Cont'd*



Members of the 2011 Graduating class congratulate each other.

graduation ceremony was streamed live via the University's website. Over 900 students graduated from the University's two colleges and five faculties.

The Office of the University Registrar

The responsibility for the planning and execution of university ceremonies on behalf of the Chair of Council, the Chancellor, resides with the University Secretariat, led by the Registrar. The ceremony of note this year was the

staging of the Chancellor's Medal Award to Olympian and world-class sprinter, Asafa Powell and the Launch of the Dennis Johnson Diaries on February 04, 2012. The guest speaker, Mrs Margaret Turner, the President of the Princess Diana Award Foundation, also bestowed the status of "Ambassador" of the Diana Award Foundation on Mr Powell.

University Secretariat

The University Secretariat plays a significant role in the



Olympian Asafa Powell shows off his Chancellor's Medal following the presentation from Chancellor, the Most Edward Seaga, ON, PC at the Ceremony for the Presentation of the Chancellor's Medal and the launch of the Dennis Johnson Diaries held on Saturday, February 4, 2012 at the Terra Nova All Suite Hotel



Dennis Johnson (right) beams with pride following the unveiling of the Dennis Johnson Diaries. Sharing the momentous occasion are from left, Prof. the Hon. Errol Morrison, OJ, President, UTech and Chancellor the Most Hon. Edward Seaga, ON, PC.



DIVISION OF STUDENT SERVICES AND REGISTRY *Cont'd*

development, promulgation, revision and interpretation of the University Governance instruments. It is a repository of information on all matters relating to University Governance. In this context, the University Secretariat provides advice and guidance on matters of jurisdiction, strategy, policy and process to all members of the University Community.

Responsibility for managing University elections, the use of the University's ceremonial symbols and University Seal and the preparation of contracts for external examiners also falls within the remit of the Secretariat.

Scheduling Unit

The Scheduling Unit manages the operation and administration of all aspects of the University's teaching timetable and class venue ensuring the efficient and effective utilization and allocation of the University's teaching areas. One of the main objectives is the centralization of the Scheduling processes from an institutional rather than a particular academic area perspective. The ultimate goal of the unit is the publication of a clash free timetable for both lecturers and students. In addition, the unit processes ad hoc room booking requests for other non-teaching-based activities.

Student Services

New Student Orientation

The University of Technology, Jamaica conducted its Annual Orientation Programme during August 21 – 27, 2011



New students eagerly collect information during the Orientation ceremony held at the Alfred Sangster, Auditorium, UTech Papine campus.

on the Papine and Montego Bay, Kent Avenue Campuses. Aspects of the Papine programme were streamed live to the Montego Bay Campus.

Orientation Exhibition 2011

At the Papine campus an exhibition of 21 departments/colleges/faculties of the University and 26 companies was mounted in the Alfred Sangster Auditorium. There were seven sponsors among which Sagicor and LIME were major sponsors.

Special Needs

The office of the Assistant Registrar, Students Services along with other Units continue to assist students that are challenged physically or mentally to better manage in the University environment.

Miss Donalee Davidson, Special Needs Student from the College of Business and Management was a victim of a tragic situation in 2007 that left her a paraplegic. She earned her Bachelor of Science in Business Administration with honours. Through the assistance from the Career and Placement Unit subsequently she obtained employment with the Bank of Nova Scotia.



Miss Donalee Davidson receives her award, from the University Chancellor, The Most Honourable Edward Seaga at Graduation 2011. Looking on is Acting University Registrar, Mrs Mercedes Deane.



DIVISION OF STUDENT SERVICES AND REGISTRY *Cont'd*

International Day 2012

The University of Technology, Jamaica, International Students' Association (UTISA), continues to play an active role in students' activities. Its Annual International Day was celebrated on Thursday, March 15, 2012, under the theme 'Global Fusion'. Representatives from 10 countries showcased their respective cuisine and culture.

Job Fair 2012 –“Advancing Into the World of Work”

A total of 82 companies participated in the University's annual Job Fair, hosted by the Career and Placement Unit. Four hundred and twenty-five (425) students participated. This represents a 4% increase over the previous year.

Employment Empowerment Sessions

A total of 14 Employment Empowerment sessions were held by the Career and Placement Unit during the academic year. The sessions focused on ideal employability skills required for the world of work.

Career Enhancement Club

The Career Enhancement Club, a new initiative of the Career and Placement Unit, is another effort to empower students to become leaders in tomorrow's society. The club focuses on career development through self-awareness, career exploration and career identification.



Final year students participate in interview sessions at the annual Job Fair.

Mock Interviews

The Unit successfully hosted its third annual series of mock interviews. Interviews were held over a two week period from February 14 – 24, 2012. One Hundred & Fifty (150) students were interviewed by a total of 39 interviewers, representing various sectors and industries. Interviewers were selected from the UTech staff and corporate Jamaica.

UTech Mentoring Programme “Transforming Lives; Creating Global Leaders”

The 3rd annual Mentor Workshop was held on Wednesday, September 7, 2011. The workshop was geared at reinforcing the expectations of the programme and developing mentoring skills among persons interested in being a part of the programme. Twenty (20) new mentors were recruited.

Resumé Clinic

The Career and Placement Unit held a total of 1,537 individual sessions with students to assist them with their resumé and cover letters.

Graduate Tracer Study

A tracer study was conducted among 2011 graduates. Of the five faculties and three (3) colleges, the unit studied four (4) faculties and two (2) colleges. (Faculty of the Built Environment, College of Business and Management, College of Health Sciences, Faculty of Education and Liberal Studies and the Faculty of Engineering and Computing). The findings revealed that graduates of the College of Business and Management and the Faculty of Engineering and Computing made up the highest percentage of students employed.



DIVISION OF STUDENT SERVICES AND REGISTRY *Cont'd*

Boarding Accommodation

Boarding remains a critical, perennial and insoluble problem. UTech student enrolment continues to increase exponentially; however, the University's capacity to house students on-campus remains at 395.

Medical and Psychiatric Services

With its emphasis on "wellness" as a foundation principle of its continuing social and academic development, the University is as concerned with the mental as with the physical wellness of its students and staff. The service of a Consultant Psychiatrist was available throughout the year on specific days. In case of heavy case load and urgent/emergency situations, clients are assisted on other available time-slots.

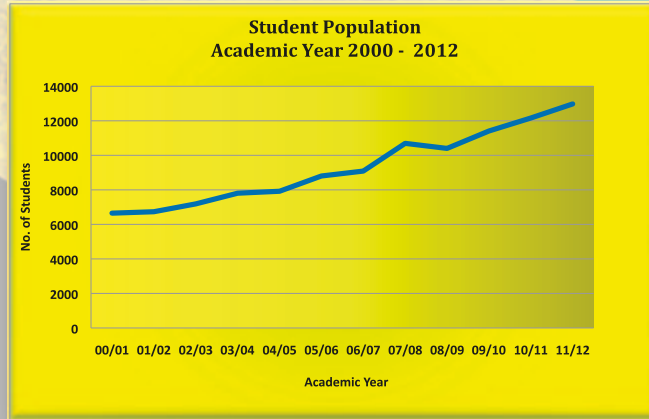
The UTech Medical Centre continues to serve the community for other health concerns.



Student Demographics

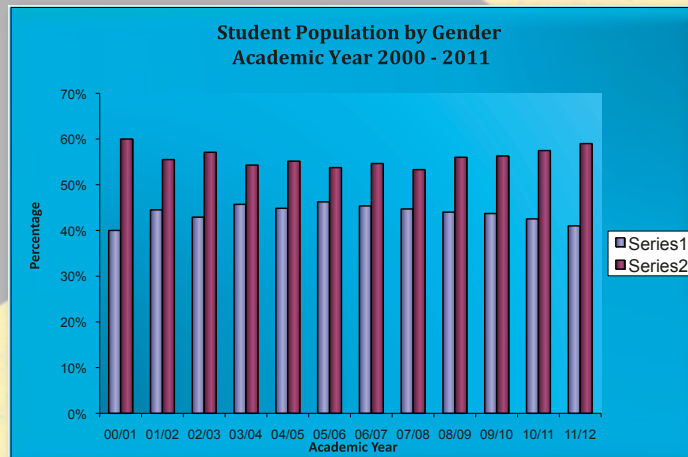
Student Population Academic Year 2000/2012

Student Population Academic Year 2000/2012	TOTAL
Year	
00/01	6650
01/02	6733
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



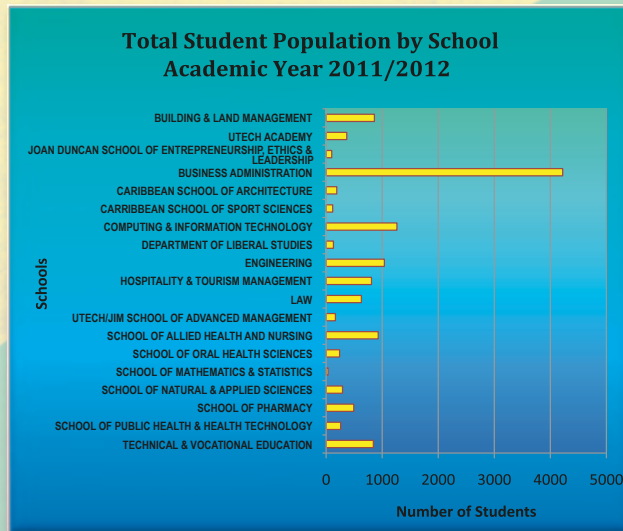
Student Population by Gender - Academic Year 2000/2012

Year	Male	Female
00/01	40.0%	60.0%
01/02	44.5%	55.5%
02/03	42.9%	57.1%
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%	56.00%
09/10	43.70%	56.30%
10/11	42.53%	57.47%
11/12	41%	59%



Total Student Population by School - Academic Year 2011/2012

School	Number
TECHNICAL & VOCATIONAL EDUCATION	842
SCHOOL OF PUBLIC HEALTH & HEALTH TECHNOLOGY	258
SCHOOL OF PHARMACY	493
SCHOOL OF NATURAL & APPLIED SCIENCES	292
SCHOOL OF MATHEMATICS & STATISTICS	34
SCHOOL OF ORAL HEALTH SCIENCES	240
SCHOOL OF ALLIED HEALTH AND NURSING	929
UTECH/JIM SCHOOL OF ADVANCED MANAGEMENT	165
LAW	628
HOSPITALITY & TOURISM MANAGEMENT	809
ENGINEERING	1039
DEPARTMENT OF LIBERAL STUDIES	130
COMPUTING & INFORMATION TECHNOLOGY	1263
CARRIBBEAN SCHOOL OF SPORT SCIENCES	117
CARRIBBEAN SCHOOL OF ARCHITECTURE	190
BUSINESS ADMINISTRATION	4220
JOAN DUNCAN SCHOOL OF ENTREPRENEURSHIP, ETHICS & LEADERSHIP	100
UTECH ACADEMY BUILDINGS & LAND MANAGEMENT	368
TOTAL	12978

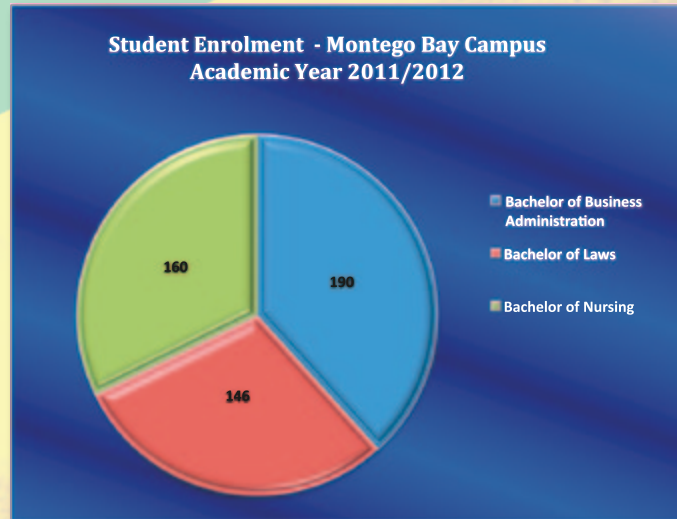




Student Demographics

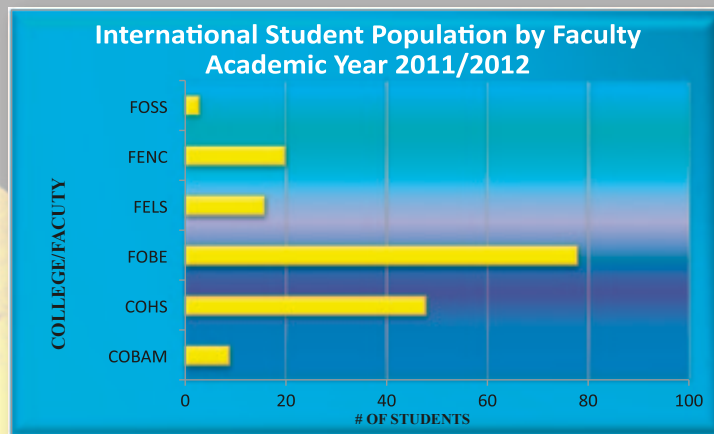
Student Enrolment - Montego Bay Campus 2011/2012

Student Enrolment - Montego Bay Campus Academic Year 2011/2012	
Programme	No. of Students
Bachelor of Business Administration	190
Bachelor of Laws	146
Bachelor of Nursing	160
Total	496



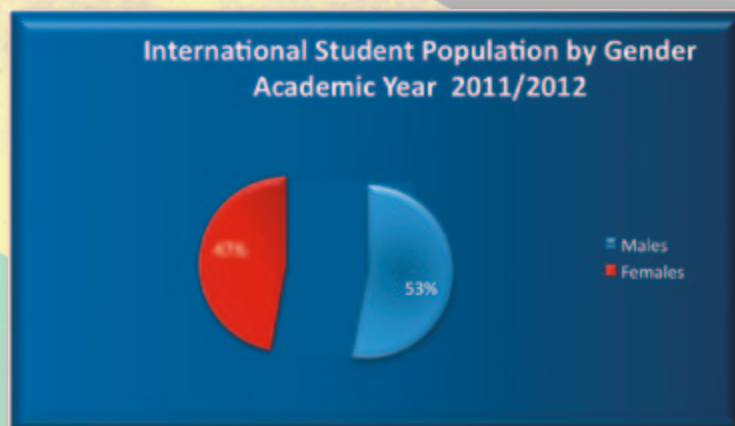
International Student Population by Faculty

International Student Population by Faculty for Academic Year 2011/2012	
College/Faculty	Total
COBAM	9
COHS	48
FOBE	78
FELS	16
FENC	20
FOSS	3
TOTAL	174



International Student Population by Gender

International Student Population by Gender for Academic Year 2011/2012	
Gender	Total
Males	92
Females	82
TOTAL	174

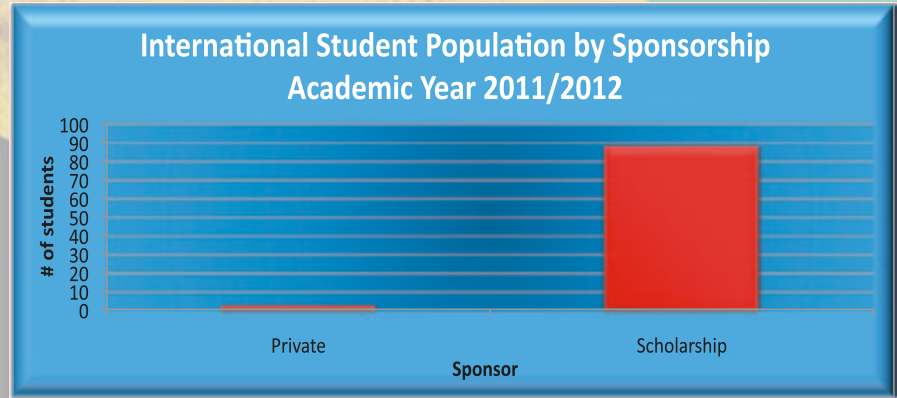




Student Demographics

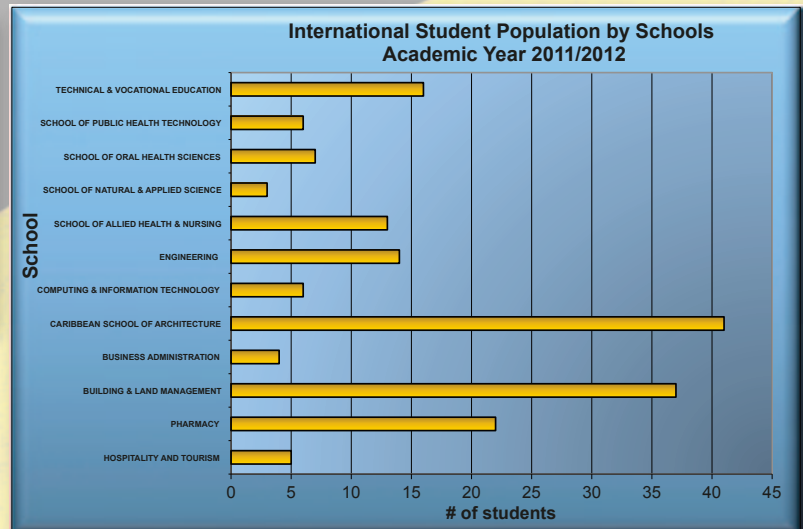
International Student Population by Sponsorship

International Student Population by Sponsorship for Academic Year 2011/2012	
Private	2
Scholarship	88
Total	90



International Student Population by Schools 2011/2012

School	Number
HOSPITALITY AND TOURISM	5
PHARMACY	22
BUILDING & LAND MANAGEMENT	37
BUSINESS ADMINISTRATION	4
CARIBBEAN SCHOOL OF ARCHITECTURE	41
COMPUTING & INFORMATION TECHNOLOGY	6
ENGINEERING	14
SCHOOL OF ALLIED HEALTH & NURSING	13
SCHOOL OF NATURAL & APPLIED SCIENCE	3
SCHOOL OF ORAL HEALTH SCIENCES	7
SCHOOL OF PUBLIC HEALTH TECHNOLOGY	6
TECHNICAL & VOCATIONAL EDUCATION	16
TOTAL	174

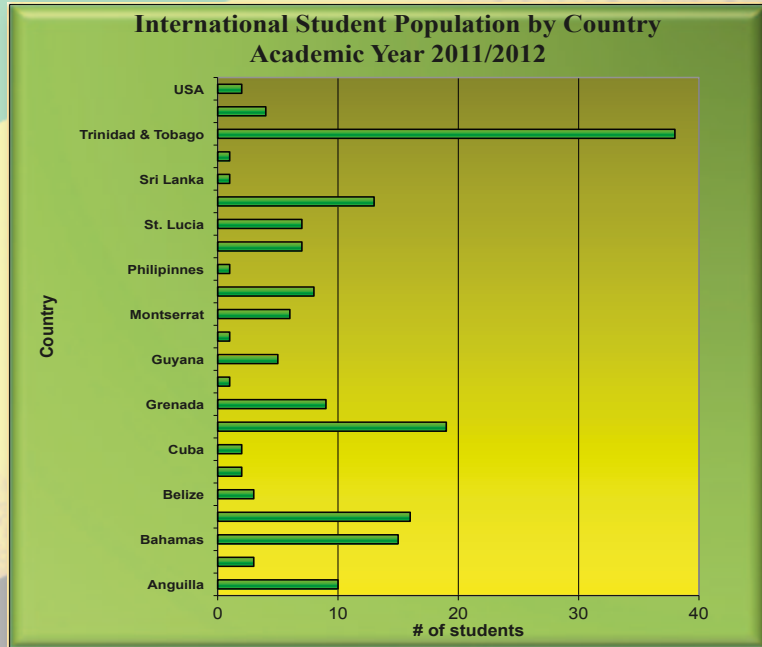




Student Demographics

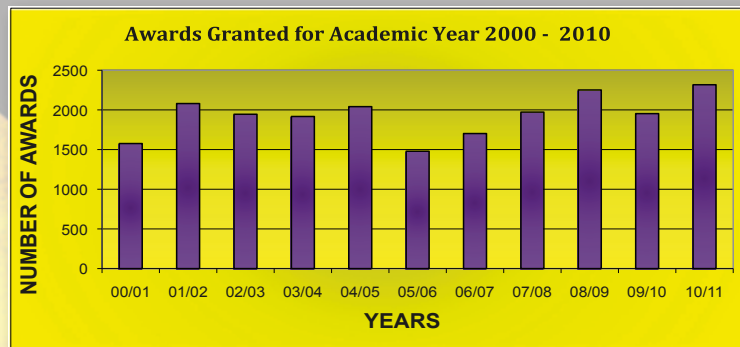
International Student Population by Country 2011/2012

Country	Total
Anguilla	10
Antigua	3
Bahamas	15
Barbados	16
Belize	3
British Virgin Islands	2
Cuba	2
Dominica	19
Grenada	9
Germany	1
Guyana	5
Haiti	1
Montserrat	6
Nigeria	8
Philippines	1
St. Kitts & Nevis	7
St. Lucia	7
St. Vincent	13
Sri Lanka	1
Suriname	1
Trinidad & Tobago	38
Turks & Caicos	4
USA	2
Total	174



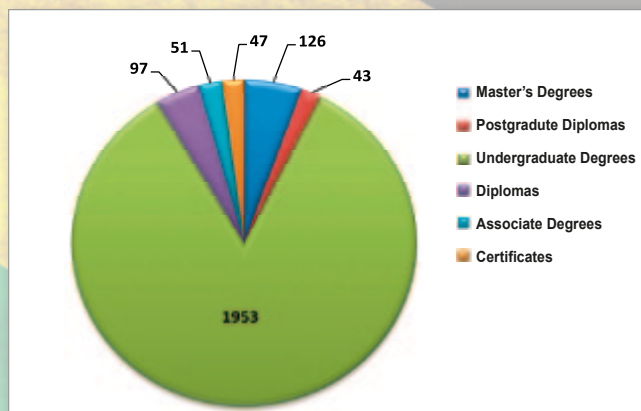
Awards Granted Academic Year 2000/2010

Year	# of Awards
00/01	1576
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



Awards Granted for Academic Year 2010/2011

Type of Award	Total
Master's Degrees	126
Postgraduate Diplomas	43
Undergraduate Degrees	1953
Diplomas	97
Associate Degrees	51
Certificates	47
GRAND TOTAL	2317

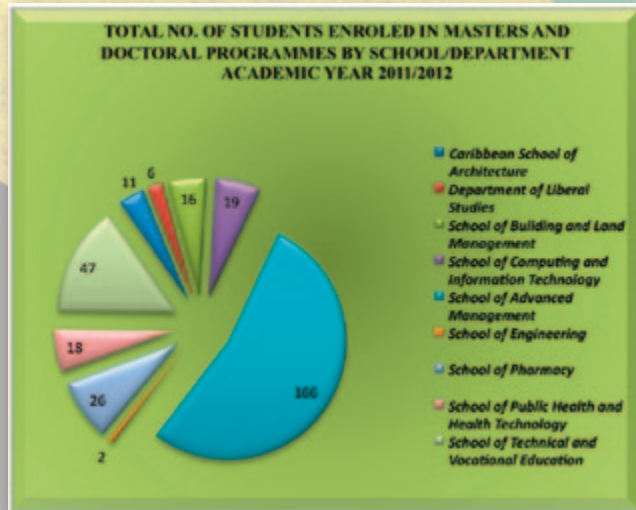




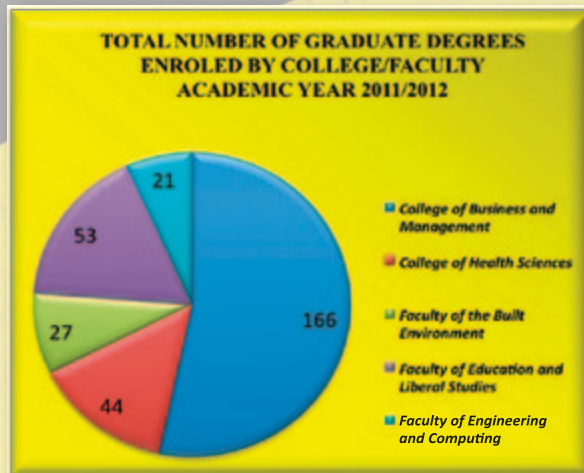
Student Demographics

Graduate Programmes Enrolment for Academic Year 2011/2012

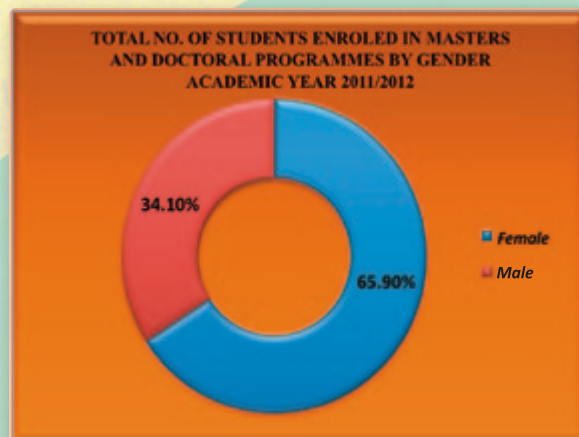
TOTAL NO. OF STUDENTS ENROLED IN MASTERS AND DOCTORAL PROGRAMMES BY SCHOOL/DEPARTMENT - ACADEMIC YEAR 2011/2012	
School/Department	Total
Caribbean School of Architecture	11
Department of Liberal Studies	6
School of Building and Land Management	16
School of Computing and Information Technology	19
School of Advanced Management	166
School of Engineering	2
School of Pharmacy	26
School of Public Health and Health Technology	18
School of Technical and Vocational Education	47
Grand Total	311



TOTAL NUMBER OF GRADUATE DEGREES ENROLED BY COLLEGE/FACULTY - ACADEMIC YEAR 2011/2012	
COLLEGE/FACULTY	Total
College of Business and Management	166
College of Health Sciences	44
Faculty of the Built Environment	27
Faculty of Education and Liberal Studies	53
Faculty of Engineering and Computing	21
Grand Total	311



TOTAL NO. OF STUDENTS ENROLED IN MASTERS AND DOCTORAL PROGRAMMES BY GENDER - ACADEMIC YEAR 2011/2012	
GENDER	NUMBER
Female	65.90%
Male	34.10%





STUDENTS' UNION



Miss Jheanell Johnson
President

In accordance with the organisation's motto, Presidents of the UTech Students' Union pledge "To Serve and Represent". Traditionally, the Students' Union President (and Council) represents the student body on a number of University governance committees, in addition to being the advocate for student welfare and the voice of the student population.

Community Service

The two major annual community service activities of the Union, "Teach the Youth" programme and the Tag Drive were successfully executed. "Teach the Youth" secured record-breaking sponsorship and catered to over 600 students. The Tag Drive recorded a revenues of \$871,000.50 from which four (4) organizations benefitted.

Internally, the Union attempted to meet the needs of as many students as could be served from its budget. Scholarship grants amounted to \$ 2.7 million dollars in Scholarships; another \$3.5 million was expended in the form of bursaries grants, lunch and bus assistance.

Governor General Executive Student Leadership Programme

A member of the Executive attended the Governor General Annual Youth Consultative Breakfast/Brunch – I Believe Initiative. The students, as part of a community service activity, have mentored students from surrounding High Schools, namely Jamaica College, Mona High and Papine High.



PLANNING AND OPERATIONS DIVISION



Associate Prof. Kofi Nkrumah-Young
Vice President

The Planning & Operations Division provides leadership in the following areas:

- The facilitation, coordination and guidance of the University’s strategic planning process and operational planning with attendant evaluation of progress for the University overall.
- Conducting institutional research to inform decision-making.
- Implementation of the Capacity Building and Institutional Enhancement projects.
- Ensuring accessible, reliable and relevant ICT infrastructure, appropriately resourced.
- The provision of technology integration towards operational efficiency and achieving the optimal learning environment.
- The development and implementation of facilities maintenance and expansion projects.
- The supervision of the Safety and Security operations of all campuses.

Planning and Projects Department

The strategic planning activities for 2011-12 began with the Annual Retreat in June 2011 which involved participation from all major stakeholders.

The objectives of the Retreat were:

- To analyse issues and recommendations documented

in six Consultancy reports from the Technical Assistance (TA) component of the UTech Enhancement Project and where applicable, examine alternate options.

The Consultancies were done within the context of the University’s Strategic Plans for 2008-2015 and focused on critical areas of development.

- To obtain the commitment of senior management to the successful implementation of accepted recommendations for the growth and development of the University.
- To agree on prioritized activities for each set of recommendations.
- To draft Implementation Plans.
- To foster team spirit in the implementation process.

Operational Planning 2011-2012

Initiatives to address the strategic issues discussed and agreed on at the 2010 Executive Management Retreat were incorporated in the University’s Operational Plan for 2011-2012. The Plan was monitored and evaluated and performance reports presented to the Executive Management.

Institutional Research Projects

The Planning and Projects Department has since the start of the 2011/12 Operational period, completed the following research projects:

1. Costing Methodology
2. Student Performance
3. Space Audit
4. Dashboards

An initiative was undertaken to develop a user-friendly way of sharing data analysis findings with internal stakeholders at various levels. This new user-friendly method incorporates the use of dashboard technology.

The UTech Enhancement Project

The multi-faceted UTech Enhancement Project designed to enhance the capacity of the University to provide quality level Education. The intervention involves physical upgrading of the Papine campus, as well as staff development and strengthening of institutional capacity. A dedicated Project Management Unit (PMU) manages project implementation. Additionally, general oversight is provided by a Project Steering Committee whose



PLANNING AND OPERATIONS DIVISION

membership includes representatives from the Ministry of Education, Ministry of Finance and Public Service, the Planning Institute of Jamaica (PIOJ) and the Construction Industry Council. The PMU reports regularly to the PSC, GOJ, PIOJ, CDB and UTech's Council, Academic Board and Finance Committee.

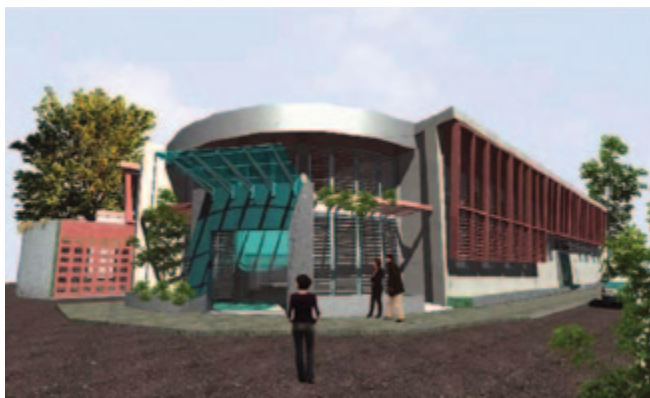
Construction/Civil Works

A. General

The major construction projects are progressing through the necessary stages of approvals and preparatory work. The Caribbean Development Bank has extended the Project implementation period to June 2015.

B. Works

ON SITE: Ground was broken for the construction of a new building for the School of Hospitality and Tourism Management. This is a new teaching facility (including a mini hotel block) for the School.



Work also began on the construction of:

- Environmental Laboratories (UTECH)
- Day-Care Centre (UTECH)
- 235 Old Hope Road Car-parking Project (UTECH)
- CONTRACT WAS SIGNED FOR: Campus Electrical Distribution Upgrade Project (UTECH)
- PRE-QUALIFICATION OF CONTRACTORS WAS COMPLETED FOR:
- Infrastructure Project (UTECH) comprising new sewer system, on-campus treatment of chemical hazardous waste, new water distribution system (from Energy Centre), storm water collection and retention system, ring-road and sidewalks, landscaping and upgraded

data/fibre-optics system.

- School of Business Administration Project (CDB)
- Architectural Design of Shared Facilities: Classroom blocks and new School of Computing and Information Technology Project (CDB)



Institutional Strengthening

- Six Technical Assistance (Ta) Consultancy projects were completed and implementation plans developed:
- Enhancement of Learning & Teaching (ELT): Two consultant-facilitated workshops (and further follow-up workshops) were conducted to train staff in important aspects of the use of teaching/learning methodologies.
- Academic Quality Audit (AQA): The AQA coordinator consulted with the faculties and colleges and prepared an audit Schedule for 2012.
- Information & Communication Technology (ICT): A team from the School of Computing & Information Technology (SCIT) developed and tested a Document Management System to be integrated with the academic quality audit function. An implementation budget was drafted for the 2011-2015 period.
- Income Diversification (ID): Procedural Guidelines for implementing third stream financing (3SF) activities and an Operational Plan for Income Diversification were prepared and reviewed. Business Services, Consultancy Services and Non Traditional Sale of Academic Services were the main areas of activity prioritized for the initial implementation phase.
- Market Needs Analysis (MNA): Terms of Reference for a University Marketing Consultant and a proposed structure for the Marketing Department, both of which are integral to the planning and implementation



PLANNING AND OPERATIONS DIVISION *Cont'd*

of University marketing initiatives, were drafted for implementation by the HRM Department.

- Human Resource Management (HRM): Initiatives towards implementation of a Performance Based Management System and development of a university Manpower Plan were in progress. A pilot project to improve HRM services to academic units was implemented in one faculty. The activity will be expanded progressively to include all colleges and faculties.

Technology, Information and Management

Technology-facilitated functions related to all aspects of the University's operations were significantly upgraded or enhanced. Some of the highlights in the three Units were:

The Enterprise Application Systems (EAS) Unit

SITS:Vision, the University's largest enterprise application and backbone of the Integrated Student Administration System (ISAS) was upgraded to enhance its functionality and provide better performance

The Network Operating Support Systems (NOSS) Unit

The Internet Bandwidth was upgraded to 100 Megabits per Second:

- The bandwidth upgrade provided for faster access to information via the Internet.
- Workstations and wireless access increased exponentially on the main campus and other locations.
- Deployment of three Polycom Videoconferencing Units:

The units facilitate remote voice and video based communication between UTECH and the Kent Avenue campus in Montego Bay.

The Learning Technology Support Unit (LTSU)

The Technology Information and Management Department continued to upgrade facilities to enable the use of various technologies to enhance teaching and learning as well as to extend the reach of the University with its products and services making it easier for its customers to access same.

- Videoconferencing equipment has been installed in Lecture theatre 9A, the President's conference Room and at the Montego Bay Campus. Real time classes and meetings can now be held between the main campus

and the Montego Bay campus, as well as with other groups that can connect to our systems.

- Desktop videoconferencing, via the Big Blue Button (BBB) software is growing in usage in the facilitation of real time online classes. The College of Health Sciences (COHS) began using the BBB to conduct online classes for its Master's students.

Safety and Security Department

During the year the Department significantly advanced all efforts to ensure maximum security.

Security Systems

Installation of the access control, surveillance, burglary and panic systems was completed for all vulnerable points of entry across the University's diverse campuses and facilities.

Safety on Campus

Similar attention was paid to safety measures. Fire extinguishers were installed throughout the campus; emergency exits were provided in sensitive areas; sensitisation sessions were conducted on the main campus as well as the Lionel Town campus in relation to evacuation points and procedures for emergencies such as, fire, bomb threats, earthquakes and hurricanes.

Fire drill for the Cynthia Shako Day Care Centre was executed and deemed a success as all the toddlers were out of the building in less than 60 seconds.

One hundred and twenty four (124) Safety Wardens received CPR and fire response training in November of 2011.

Disaster Management and Recovery Plans

All members of Executive Management, Heads of Divisions/ Departments, and Union Presidents were issued with copies of UTECH's Disaster Management and Recovery Plans and made available to the wider university community via the intranet.



The Academic Board



First Row from left: Prof. Gossett Oliver, OD, Dr. Janet Campbell-Shelly, Prof. the Hon. Errol Morrison, OJ, Mrs. Mercedes Deane, Dr. Claudette Williams-Myers, Mrs. Charmaine DeLisser, Mrs. Olubusola Akinladejo.

2nd Row from left: Prof. Rosalea Hamilton, Dr. Winsome Russell, Dr. Paul Golding, Mr. Seymour Riley, Dr. Jeanette Bartley-Bryan

3rd Row from left: Mrs. Jennifer Ellis, Dr. Kofi Nkrumah-Young, Mr. Desmond Hall, Associate Professor Haldane Johnson, Mr. L. Mark Taylor.

Absent:

Prof. Ashok Kulkarni, Prof. Geraldene Hodelin, Dr. Carol Archer, Dr. Colin Gyles, Mr. David Drysdale, Mrs. Dianne Mitchell, Dr. Ellen Campbell-Grizzle, Dr. Eugenie Brown-Myrie, Dr. Rohan Lewis, Dr. Irving McKenzie, Prof. the Hon. Oswald Harding, OJ, Mrs. Sylvia Hall, Mr. Shawn Stultz.



The University Council



Left to right: The Most Hon. Edward Seaga, ON, PC, Prof. the Hon. Errol Morrison, OJ, Prof. Ashok Kulkarni, Mr. Vivian Crawford, Mr. Ronald Sutherland, Mr. Aldrick McNab, Mrs. Grace McLean, Mrs. Jacqueline Coke-Lloyd, Mr. Ryland Campbell, Mr. Dennis Chung, Mrs. Karen Hewitt-Kennedy



Left to right: Mr. Clinton Clarke, Dr. Camille Bell-Hutchinson, Mrs. Stancy Mighty-Dixon, Dr. Angella Samuels-Harris, Mrs. Olubusola Akinladejo, Mr. Christopher Spencer, Associate Prof. Carol Archer, Mr. Eric Frater, Major G. Virgo, Mr. Denian Scully, Mrs. Eleanor Jones, Mrs. Dianne Mitchell, Mrs. Mercedes Deane, Mr. Earle Samuels

Absent: Associate Professor Geraldene Hodelin, Dr. Aggrey Irons, Dr. Winston DeLa Haye, Miss Jheanell Johnson



Associate Vice Presidents, Deans, Associate Deans and Heads of School



Dr. Winsome Russell
Associate Vice President
Academic Management



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



Dr. Haldane Johnson
Associate Vice President
Undergraduate Studies (wef 1/9/11)

College of Business and Management



Dr. Paul Golding
Dean (wef 1/9/2011)



Dr. Claudette Williams-Myers
Associate Dean (wef 1/9/2011)



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



Mr. Reginald Nugent
Head, School Business Administration
(Seconded to the Ministry of Industry,
Investment and Commerce wef 1/3/2012)



Mr. Clavery Allen
Head, School of Business
Administration (wef 1/3/2012)



Mrs. Marilyn Cornelius
Head, School of Hospitality &
Tourism Management



Dr. Mauvalyn Bowen
Head, Joan Duncan School of
Entrepreneurship, Ethics and Leadership
(Resigned wef 31/12/11)



Dr. Horace Williams
Head, Joan Duncan School of
Entrepreneurship, Ethics and Leadership
(Acting wef 3/1/2012)

College of Health Sciences



Dr. Eugenie Brown-Myrie
Dean (Tenure ended 31/10/11)



Dr. Ellen Campbell-Grizzle
Dean (wef 1/11/2011)



Mrs. Patricia Bullock
Vice Dean (Retired wef 30/09/11)



Dr. Janet Campbell-Shelly
Vice Dean (wef 1/10/11)



Dr. Hermi Hewitt
Associate Dean, Caribbean School
of Nursing (wef 1/10/2011)



Associate Vice Presidents, Deans, Associate Deans and Heads of School

College of Health Sciences cont'd



Ms. Beverley King
Interim Head, Caribbean School of Nursing
(wef 1/11/2011)



Mr. Greg-Louis Austin
Head, School of Allied Health
(wef 25/10/11)



Dr. Sean Moncrieffe
Head, School of Pharmacy
(wef 3/10/11)



Dr. Irving McKenzie
Head, School of Oral Health Sciences



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

Faculty of The Built Environment



Dr. Carol Archer
Dean



Mrs. Cadien Murray-Stuart
Head, School of Building & Land
Management



Mr. L. Mark Taylor
Head, Caribbean School of Architecture

Faculty of Education and Liberal Studies



Dr. Haldane Johnson
Dean (Tenure ended 31/8/2011)



Dr. Rohan Lewis
Dean (wef 1/9/2011)



Dr. Sylvia Hall
Vice Dean



Mrs. Shermaine Barrett
Head, School of Technical and Vocational
Education (Tenure ended 31/8/2011)



Dr. Leonie Clarke
Head, School of Technical and Vocational
Education (wef 1/9/2011)



Associate Vice Presidents, Deans, Associate Deans and Heads of School

Faculty of Engineering and Computing



Mrs. Charmaine DeLisser
Dean



Dr. Felix Akinladejo
Vice-Dean



Dr. Nilza Smith
Head, School of Engineering



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

Faculty of Law



Prof. the Hon. Oswald Harding, OJ
Dean



Mr. Alfred McPherson
Vice Dean (wef 1/3/2012)



Miss Dawn McNeil
Associate Dean – Western Campus
(wef 1/9/2011)



Mr. Kent Pantry
Director, UTech Legal Advice Centre

Faculty of Science and Sport



Dr. Colin Gyles
Dean



Mrs. Beverley Myers
Vice Dean



Mr. Errol Rowe
Head, School of Mathematics and
Statistics (Acting)



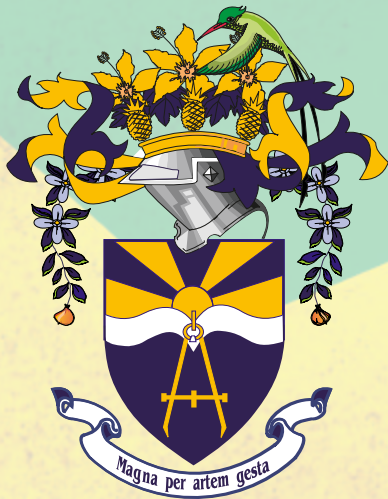
Dr. James Smith
Head, School of Natural and
Applied Science



Dr. Neville Graham
Head, Caribbean School of
Sport Sciences



Dr. Debbie-Ann Gordon-Smith
Head, Centre for Science-Based
Research, Entrepreneurship and
Continuing Studies



Financial Statements

Year Ended March 31, 2012



Independent Auditors' 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 78 to 124, which comprise the statement of financial position as at 31 March 2012 and the statements of comprehensive income, changes in equity and cash flows for the year then ended, and 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 Jamaican Companies 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.

Auditors' 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.

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

C.D.W. Maxwell P.W. Pearson E.A. Crawford J.W. Lee P.E. Williams L.A. McKnight L.E. Augier A.K. Jain B.L. Scott B.J. Denning
G.A. Reece P.A. Williams R.S. Nathan



**Council of University of Technology, Jamaica
Independent Auditors' 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 2012, 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 Jamaican Companies Act.

A handwritten signature in cursive script that reads "PricewaterhouseCoopers".

Chartered Accountants
14 December 2012
Kingston, Jamaica

**University of Technology, Jamaica**

Statement of Comprehensive Income

Year ended 31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2012 \$'000	Restated 2011 \$'000
Income:			
Tuition		2,636,078	2,718,078
Hostel		37,014	44,029
		<u>2,673,092</u>	<u>2,762,107</u>
Government of Jamaica subvention		1,837,002	1,684,055
Other fees		367,986	403,140
Restaurant		20,345	22,268
Projects and special accounts		223,514	176,208
Amortisation of capital grants	5	26,120	26,129
Other income	6	179,311	107,829
		<u>5,327,370</u>	<u>5,181,736</u>
Expenses			
Administration expenses	7	5,663,748	4,656,483
		<u>5,663,748</u>	<u>4,656,483</u>
(Deficit)/Surplus before net finance income		<u>(336,378)</u>	<u>525,253</u>
Finance income	9	138,505	142,961
Finance costs	10	(30,507)	(17,576)
Net finance income		<u>107,998</u>	<u>125,385</u>
Net (Deficit)/Surplus		<u>(228,380)</u>	<u>650,638</u>
Other Comprehensive Income:			
Unrealised gains on available-for-sale investments		946	564
Total Comprehensive Income for year		<u>(227,434)</u>	<u>651,202</u>



University of Technology, Jamaica

Statement of Financial Position

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2012 \$'000	Restated 2011 \$'000	Restated 2010 \$'000
Non-Current Assets				
Property, plant and equipment	11	2,163,548	2,071,639	2,005,417
Intangible assets	12	5,931	10,834	9,576
Long-term investments	13	657,632	705,211	542,113
		<u>2,827,111</u>	<u>2,787,684</u>	<u>2,557,106</u>
Current Assets				
Inventories	14	24,505	15,771	13,240
Accounts receivable	15	1,164,705	593,080	632,449
Taxation recoverable	16	182,762	146,513	114,840
Short term investments	17	55,130	52,297	40,935
Reverse repurchase agreements	18	1,577,391	1,570,920	1,417,474
Cash and cash equivalents	19	185,722	321,563	128,693
		<u>3,190,215</u>	<u>2,700,144</u>	<u>2,347,631</u>
Current Liabilities				
Accounts payable	20	1,328,440	841,658	596,295
Designated receipts	21	24,605	56,417	46,354
Deferred income	22	623,507	468,255	774,289
Current portion of long-term loan	23	11,812	11,812	33,824
Bank overdraft	19	41,507	24,729	103,524
		<u>2,029,871</u>	<u>1,402,871</u>	<u>1,554,286</u>
Net Current Assets		<u>1,160,344</u>	<u>1,297,273</u>	<u>793,345</u>
		<u>3,987,455</u>	<u>4,084,957</u>	<u>3,350,451</u>



University of Technology, Jamaica


Statement of Financial Position (Continued)

31 March 2012

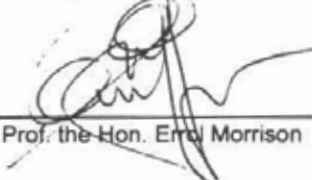
(expressed in Jamaican dollars unless otherwise indicated)

	Note	2012 \$'000	Restated 2011 \$'000	Restated 2010 \$'000
Reserves				
Appropriated surplus	24	155,767	155,767	155,767
Unappropriated surplus		2,491,636	2,720,016	2,069,378
Investment revaluation		3,429	2,483	1,919
		<u>2,650,832</u>	<u>2,878,266</u>	<u>2,227,064</u>
Non-Current Liabilities				
Unexpended grants for specified projects	25	163,092	169,847	143,497
Endowment funds	26	101,997	16,004	15,232
Capital grants	5	674,018	700,138	726,267
Borrowings	23	20,671	32,483	44,295
Employee benefit obligations	27	376,845	288,219	194,096
		<u>1,336,623</u>	<u>1,206,691</u>	<u>1,123,387</u>
		<u>3,987,455</u>	<u>4,084,957</u>	<u>3,350,451</u>

Approved for issue by the Council on 14 December 2012 and signed on its behalf by:



 The Most Hon. Edward Seaga Chancellor



 Prof. the Hon. Errol Morrison President



University of Technology, Jamaica

Statement of Changes in Reserves

Year ended 31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

Note	Appropriated Surplus \$'000	Unappropriated Surplus \$'000	Investment Revaluation \$'000	Total \$'000
Balance at 1 April 2010, as previously stated	155,767	2,062,395	1,919	2,220,081
Restatement	-	6,983	-	6,983
Balance at 1 April 2010, as restated	155,767	2,069,378	1,919	2,227,064
Net Surplus for year, as previously	-	575,376	-	575,376
Restatement	-	75,262	-	75,262
Net Surplus for year, as restated	-	650,638	-	650,638
Unrealised gain on available for sale	-	-	564	564
Total comprehensive income for year	-	650,638	564	651,202
Balance at 31 March 2011, as restated	155,767	2,720,016	2,483	2,878,266
Net Deficit for year	-	(228,380)	-	(228,380)
Unrealised gain on available for sale	-	-	946	946
Total comprehensive income for year	-	(228,380)	946	(227,434)
Balance at 31 March 2012	155,767	2,491,636	3,429	2,650,832

**University of Technology, Jamaica**

Statement of Cash Flows

Year ended 31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

	Note	2012 \$'000	Restated 2011 \$'000
Cash Flow from Operating Activities			
(Deficit)/ Surplus for year		(228,380)	650,638
Adjustments for:			
Depreciation	11	178,572	168,338
Amortisation of intangible assets	12	3,379	3,872
(Gain)/loss on disposal of property, plant and equipment		(1,929)	-
Post-employment benefits obligation		88,626	94,123
Unrealised foreign exchange (gains)/ losses		(28,717)	30,771
Amortisation of capital grants	5	(26,120)	(26,129)
Interest income		(138,505)	(142,961)
Interest expense		1,011	1,187
		<u>(152,063)</u>	<u>779,839</u>
Changes in operating assets and liabilities -			
Inventories		(8,734)	(2,531)
Receivables		(568,643)	46,086
Taxation recoverable		(36,249)	(31,673)
Payables		486,753	245,284
Designated receipts		(31,812)	10,063
Deferred income		155,252	(306,034)
		<u>(155,496)</u>	<u>741,034</u>
Interest received		135,523	136,244
Interest paid		<u>(1,004)</u>	<u>(1,086)</u>
Net cash (used in)/provided by operating activities		<u>(20,977)</u>	<u>876,192</u>
Cash Flows from Investment Activities			
Proceeds from disposal of property, plant and equipment		3,895	-
Purchase of property, plant and equipment	11	(272,447)	(234,560)
Disposal/(Purchase) of intangible asset	12	1,524	(5,131)
Disposal/(Purchase) of long term investments		70,320	(190,804)
Purchase of short term investments		<u>(9,304)</u>	<u>(164,808)</u>
Net cash used in investing activities		<u>(206,012)</u>	<u>(595,303)</u>
Cash Flows from Financing Activities			
Repayment of long term loan		(11,812)	(33,824)
Specified projects		(6,755)	26,350
Endowment funds		85,993	772
Net cash provided by/(used in) financing activities		<u>67,426</u>	<u>(6,702)</u>
Effects of exchange rate changes on cash and cash equivalents		6,944	(2,522)
(Decrease)/Increase in cash and cash equivalents		<u>(152,619)</u>	<u>271,665</u>
Cash and cash equivalents at beginning of year		296,834	25,169
CASH AND CASH EQUIVALENTS AT END OF YEAR	19	<u>144,215</u>	<u>296,834</u>



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

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.

University of Technology, Jamaica 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 Scheme was later changed under the powers given to the Minister of Education by sections 9 and 13 of the Education Act (March 14, 1986) – The College of Arts, Science and Technology Scheme (Approval) Order. This order provided for a scheme of government for the College. By Notice published in the Jamaica Gazette, Volume CXVII No. 11333, dated December 14, 1995, the Minister of Education permitted the College of Arts, Science and Technology to be known as University of Technology, Jamaica.

The primary objectives of the University are the provision of a place of education, learning and research as set out in Article 2 of the Charter.

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.

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.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

2. Summary of Significant Accounting Policies (Continued)

(a) Basis of preparation (continued)

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

Certain new standards, interpretations and amendments to existing standards have been published that became immediately effective during the current year, which have impacted the University's accounting policies as follows. The pronouncements were effective 1 January 2011, unless otherwise indicated.

IAS 1 (Amendment), 'Presentation of Financial Statements'

This amendment clarifies that an entity will present an analysis of other comprehensive income for each component of reserves, either in the statement of changes in reserves or in the notes to the financial statements. Management has elected to continue analysis of other comprehensive income in the statement of changes in reserves.

IAS 24 (Revised), 'Related party disclosures'

The revised standard clarifies and simplifies the definition of a related party for government-related entities. The adoption of this standard did not have a significant impact on the University's related party disclosures.

IFRS 7, 'Financial Instruments'

This amendment clarifies the disclosure requirement by emphasizing the interaction between quantitative and qualitative disclosures about the nature and extent of risks associated with financial instruments. Amendments were made to quantitative and credit risk disclosures in Note. 3(a).

There was no impact on the opening unappropriated surplus from the adoption of the above-mentioned amendments. There are no other standards, interpretations or amendments to existing standards that are effective that would be expected to have a significant impact on the University.

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.

IAS 1 (Amendment), 'Presentation of financial statements' (1 July 2012)

The amendment requires entities to group items presented in other comprehensive income (OCI) on the basis of whether they are potentially recyclable to surplus. The amendment does not address which items should be presented in OCI, and the option to present items of OCI either before tax or net of tax has been retained. The only anticipated impact on adoption is to the disclosure of items presented in OCI in the statement of comprehensive income. Management has determined that the impact will not be material on the University's financial statements.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

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 (continued)

IFRS 9, 'Financial instruments' (1 January 2015)

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 13, 'Fair value measurement' (1 January 2013)

The standard explains how to measure fair value for financial reporting. It defines fair value; sets out in a single IFRS a framework for measuring fair value; and requires disclosures about fair value measurements. This standard applies to those standards that require or permit fair value measurements or disclosures about fair value measurements (and measurements, such as fair value less costs to sell, based on fair value or disclosures about those measurements), except in specified circumstances. The University anticipates that application will impact amounts reported in the financial statements, as well as result in extended disclosures.

(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 contributions

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 registering 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, reflecting the assumed manner of delivery of relevant services to students.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(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 and presentation 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 – 33 ⅓%
Motor vehicles	20 – 25%



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

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.

(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.

(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 2012

(expressed in Jamaican dollars unless otherwise indicated)

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. 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 equity.

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 the statement of comprehensive income – is removed from equity and recognised in the statement of comprehensive income. Impairment losses recognised in the statement of comprehensive income on equity instruments are not reversed through the statement of comprehensive income.

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 2012

(expressed in Jamaican dollars unless otherwise indicated)

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 includes 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.

(k) Accounts payable

Accounts payable are stated at 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 2012

(expressed in Jamaican dollars unless otherwise indicated)

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 'Specified projects income' or, if the expenditure is capital, to 'capital grants' on the statement of financial position.

(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'.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

2. Summary of Significant Accounting Policies (Continued)

(p) Employee benefits

(i) Pension Plan

The University operates a defined contribution plan. Employee benefits comprise all forms of consideration given by the University in exchange for services rendered by employees. These include current or short-term benefits such as salaries, NIS contributions, annual vacation and sick leave, and non-monetary benefits such as medical care and housing; post-employment benefits such as pensions and medical care; other long-term employee benefits such as sabbatical leave and long service awards; and termination benefits.

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.

Other long-term benefits, as well as termination benefits, are not considered material and are charged when they fall due.

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 net obligation in respect of the plan is calculated by estimating the amount of future benefits that the University's employees have earned in return for their service in the current and prior periods; that value is discounted to determine the present value, and the fair value of any plan assets is deducted. The discount rate is determined by reference to the yield at the reporting date on long term government bonds of maturities approximating the terms of the University's obligation. The calculation is performed by a qualified actuary using the projected unit credit method.

When the benefits of the plan are improved, the portion of the increased benefit relating to past service by employees is recognised as an expense in surplus or deficit on the straight-line basis over the average period until the benefits become vested. To the extent that the benefits vest immediately, the expense is recognised immediately in surplus or deficit.

As the medical plan is unfunded, there is no possibility of an employee benefit asset.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

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 result 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 2012

(expressed in Jamaican dollars unless otherwise indicated)

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 further participation in courses of study 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 if it 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 groups: 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.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

3. Financial Risk Management (Continued)

(a) Credit risk (continued)

Credit review process (continued)

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.

Maximum exposure to credit risk

The worst case scenario of credit risk exposure was as follows:

	2012	2011
	\$'000	\$'000
Credit risk exposures are as follows:		
Long term investments	657,632	705,211
Accounts receivable	1,073,129	540,944
Short term investments	55,130	52,297
Reverse repurchase agreements	1,577,391	1,570,920
Cash and cash equivalents	144,215	296,834
	<u>3,507,497</u>	<u>3,166,206</u>

The above table represents the worst case scenario of credit risk exposure to the University at year end.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(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 student's and commercial customers. 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 ageing analysis of these accounts receivable is as follows:

	2012	2011
	\$'000	\$'000
Student receivables past due not impaired		
Students receivable		
Under 12 months	298,039	220,885
Students Loan Bureau		
Under 12 months	331,906	9,236
Scholarship donors		
Under 12 months	47,992	86,287
Over 365 days	6,526	7,158
	<u>684,463</u>	<u>323,566</u>

Aging analysis of accounts receivable that are past due and impaired

As of 31 March 2012, accounts receivable of \$161,090,000 (2011 - \$138,723,000) were impaired. The amount of the provision was \$161,090,000 (2011 - \$138,723,000). The individually impaired receivables mainly relate to students who are in difficult economic situations. It was assessed that a portion of these receivables are expected to be recovered.

Movement analysis of the provision for impairment of accounts receivable

	2012	2011
	\$'000	\$'000
At 1 April	138,723	108,224
Provisions for receivables impairment	22,367	31,177
Receivables written-off during the year	-	(420)
Unused amounts reversed	-	(258)
At 31 March	<u>161,090</u>	<u>138,723</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 2012

(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:

	2012 \$'000	2011 \$'000
Government of Jamaica	657,632	705,211
Financial institutions	<u>1,632,521</u>	<u>1,623,217</u>
	<u>2,290,153</u>	<u>2,328,428</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 2012

(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
As at 31 March 2012:						
Loans	-	3,155	9,358	21,188	-	33,701
Accounts payable	-	1,328,440	-	-	-	1,328,440
Designated receipts	-	24,605	-	-	-	24,605
Bank Overdraft	41,507	-	-	-	-	41,507
Total financial liabilities (contractual maturity dates)	41,507	1,356,200	9,358	21,188	-	1,428,253
As at 31 March 2011:						
Loans	-	3,229	9,582	33,702	-	46,513
Accounts payable	-	841,658	-	-	-	841,658
Designated receipts	-	56,417	-	-	-	56,417
Bank Overdraft	24,729	-	-	-	-	24,729
Total financial liabilities (contractual maturity dates)	24,729	901,304	9,582	33,702	-	969,317



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(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 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.

	2012					
	Jamaican\$ J\$'000	STG J\$'000	US\$ J\$'000	CAN\$ J\$'000	Euro J\$'000	Total J\$'000
Financial assets						
Long term investments	269,952	-	364,586	-	23,094	657,632
Accounts receivable and other receivables	936,999	-	136,130	-	-	1,073,129
Short term investments	55,130	-	-	-	-	55,130
Reverse repurchase	602,011	29,000	941,384	-	4,996	1,577,391
Cash and cash equivalents	114,521	11,350	51,725	4,288	3,838	185,722
Total financial assets	1,978,613	40,350	1,493,825	4,288	31,928	3,549,004
Financial liabilities						
Accounts payable	1,327,674	-	766	-	-	1,328,440
Designated receipts	24,605	-	-	-	-	24,605
Long term loan	32,483	-	-	-	-	32,483
Bank Overdraft	41,507	-	-	-	-	41,507
Total financial liabilities	1,426,269	-	-	-	-	1,427,035
Net financial position	552,344	40,350	766	4,288	31,928	2,121,969



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

3. Financial Risk Management (Continued)

(c) Market risk (continued)

Currency risk (continued)

	2011					Total J\$'000
	Jamaican J\$'000	STG J\$'000	US\$ J\$'000	CAN\$ J\$'000	Euro J\$'000	
Financial Assets						
Long term investments	249,531	-	455,680	-	-	705,211
Accounts receivable	420,704	-	120,240	-	-	540,944
Short term investments	52,297	-	-	-	-	52,297
Reverse repurchase agreements	838,888	9,114	722,918	-	-	1,570,920
Cash and cash equivalents	237,637	58,746	17,835	3,641	3,704	321,563
Total financial assets	1,799,057	67,860	1,316,673	3,641	3,704	3,190,935
Financial Liabilities						
Accounts payable and accrued liabilities	836,391	-	5,267	-	-	841,658
Designated receipts	56,417	-	-	-	-	56,417
Long term loan	44,295	-	-	-	-	44,295
Bank Overdraft	24,729	-	-	-	-	24,729
Total financial liabilities	961,832	-	5,267	-	-	967,099
Net financial position	837,225	67,860	1,311,406	3,641	3,704	2,223,836

**University of Technology, Jamaica**

Notes to the Financial Statements

31 March 2012

(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. The correlation of variables will have a significant effect in determining the ultimate impact on market risk, but to demonstrate the impact due to changes in variable, variables had to be on an individual basis. It should be noted that movements in these variables are non-linear.

	% Change in Currency Rate 2012	Effect on Surplus 2012 \$'000	% Change in Currency Rate 2011	Effect on Surplus 2011 \$'000
Currency:				
USD – Revaluation	-1%	(8)	-1%	(13,114)
USD – Devaluation	+1%	8	+1%	13,114
CAN – Revaluation	-1%	(43)	-1%	(36)
CAN – Devaluation	+1%	43	+1%	36
STG – Revaluation	-1%	(404)	-1%	(679)
STG – Devaluation	+1%	404	+1%	679
EURO – Revaluation	-1%	(319)	-1%	(37)
EURO – Devaluation	+1%	319	+1%	37

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.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

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 has maturities greater than one year, are fixed rate instruments and are classified as held-to-maturity. Those investments with maturities less than a year, are fixed rate instruments and are classified as loans and receivables.

The University earns interest on its securities purchased under resale agreements as disclosed in Note 17. 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 incurs interest on its loan disclosed in Note 22. These loans are at fixed rates, and expose the University to fair value interest rate risk. Interest rate fluctuations are not expected to have a material effect on the net results.

The following table indicates the sensitivity to a reasonably possible increase in interest rates, with all other variables held constant, on the surplus. As the University's interest rate risk arises primarily from investments, the sensitivity of the statement of comprehensive income is the effect of the assumed changes in interest rates on net income based on floating rate financial assets.

	Effect on Surplus 2012 \$'000	Effect on Surplus 2011 \$'000
Change in basis points:		
-100	(14,648)	(22,292)
+100	14,648	22,292

(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 2012

(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 31 March 2012 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 the instrument 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
	2012		
Government of Jamaica bonds	-	653,535	653,535
Quoted equities	4,097	-	4,097
	4,097	653,535	657,632
	2011		
Government of Jamaica bonds	-	702,060	702,060
Quoted equities	3,151	-	3,151
	3,151	702,060	705,211

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 2012

(expressed in Jamaican dollars unless otherwise indicated)

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 variations in estimated useful lives and residual values are reflected in the income and expenditure account adjusted for provisions for depreciation.

(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 pension 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 corporate 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 2012

(expressed in Jamaican dollars unless otherwise indicated)

5. Capital Grants

	2012	2011
	\$'000	\$'000
At beginning of year	700,138	726,267
Amortisation for the year	<u>(26,120)</u>	<u>(26,129)</u>
At end of year	<u>674,018</u>	<u>700,138</u>

6. Other Income

	2012	2011
	\$'000	\$'000
Administrative Fees	17,969	15,115
Gain/(Loss) on Foreign Exchange	22,741	(27,706)
Services and Short Courses	81,126	55,257
Student Welfare	13,406	11,017
Rental of Facilities	11,534	8,706
Miscellaneous	<u>32,535</u>	<u>45,440</u>
	<u>179,311</u>	<u>107,829</u>



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

7. Expenses by Nature

	2012	Restated
	\$'000	2011
		\$'000
Advertising	30,610	30,787
Auditors' remuneration		
Current year	6,000	6,595
Prior year under/ (over) accrual	1,327	825
Bad debt	24,508	31,177
Ceremonies	32,369	18,174
Class Material	64,909	36,914
Consultancy	52,948	35,702
Depreciation and amortisation (Notes 11 and 12)	181,951	172,210
Directors' fees	2,291	2,259
Grants and contributions	172,157	164,015
Rental of Space	48,748	37,784
Repairs and maintenance	154,233	194,406
Restaurant cost of goods sold	15,037	9,355
Security	74,021	61,841
Software costs	29,929	20,111
Specified Projects	210,113	104,136
Staff costs (Note 8)	3,725,245	3,205,663
Stationery & Office Supplies	79,309	70,987
Subscriptions	115,622	59,768
Travel and subsistence	95,695	76,369
Utilities	343,389	257,835
Other operating expenses	203,337	59,570
	<u>5,663,748</u>	<u>4,656,483</u>



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

8. Staff Costs

	2012	2011
	\$'000	\$'000
Salaries and wages	3,337,854	2,875,293
Payroll taxes – employer's portion	59,850	45,337
Pension (Note 27)	92,653	69,603
Other post-employment benefits (Note 27)	91,722	96,772
Health Insurance	107,294	87,545
Uniform	35,872	31,113
	<u>3,725,245</u>	<u>3,205,663</u>

The number of persons employed by the University at the end of the year was as follows:

	2012	2011
	No.	No.
Full - time	1,363	1,243
Part - time	291	201
	<u>1,654</u>	<u>1,444</u>

9. Finance Income

	2012	2011
	\$'000	\$'000
Interest income	<u>138,505</u>	<u>142,961</u>

10. Finance Costs

	2012	2011
	\$'000	\$'000
Interest expense	1,011	1,187
Other	29,496	16,389
	<u>30,507</u>	<u>17,576</u>



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(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
	2012					
At Cost -						
At 1 April, restated	2,112,138	79,297	1,326,396	35,660	73,822	3,627,313
Additions	-	15,774	168,482	13,919	74,272	272,447
Transfers from CWIP	18,927	-	-	-	(18,927)	-
Disposals	-	-	(7,151)	-	-	(7,151)
At 31 March	2,131,065	95,071	1,487,727	49,579	129,167	3,892,609
Depreciation -						
At 1 April, restated	747,783	330	784,413	23,148	-	1,555,674
Charge for the year	45,184	1,982	125,902	5,504	-	178,572
On disposals	-	-	(5,185)	-	-	(5,185)
At 31 March	792,967	2,312	905,130	28,652	-	1,729,061
Net Book Value -						
31 March	1,338,098	92,759	582,597	20,927	129,167	2,163,548

**University of Technology, Jamaica**

Notes to the Financial Statements

31 March 2012

(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
	2011					
At Cost -						
At 1 April, restated	2,112,138	-	1,196,161	37,538	48,794	3,394,631
Additions	-	-	130,235	-	25,028	155,263
Restatement	-	79,297	-	-	-	79,297
Disposals	-	-	-	(1,878)	-	(1,878)
At 31 March, restated	2,112,138	79,297	1,326,396	35,660	73,822	3,627,313
Depreciation -						
At 1 April, restated	702,684	-	666,953	19,577	-	1,389,214
Charge for the year	41,395	-	117,460	5,449	-	164,304
Restatement	3,704	330	-	-	-	4,034
On disposals	-	-	-	(1,878)	-	(1,878)
At 31 March, restated	747,783	330	784,413	23,148	-	1,555,674
Net Book Value -						
31 March, restated	1,364,355	78,967	541,983	12,512	73,822	2,071,639



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(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
2010						
At Cost -						
At 1 April, as previously stated	1,890,752	-	1,032,765	29,344	203,008	3,155,869
Restatement	127,373	-	-	-	(127,373)	-
At 1 April, restated	2,018,125	-	1,032,765	29,344	75,635	3,155,869
Restatement	14,004	-	-	-	-	14,004
Additions	-	-	169,521	9,300	53,168	231,989
Transfers from CWIP, restated	80,009	-	-	-	(80,009)	-
Disposals	-	-	(6,125)	(1,106)	-	(7,231)
At 31 March, restated	2,112,138	-	1,196,161	37,538	48,794	3,394,631
Depreciation -						
At 1 April, as previously stated	655,845	-	570,999	15,692	-	1,242,536
Restatement	6,998	-	-	-	-	6,998
At 1 April, restated	662,843	-	570,999	15,692	-	1,249,534
Charge for the year	39,817	-	100,306	4,973	-	145,096
Restatement	24	-	-	-	-	24
On disposals	-	-	(4,352)	(1,088)	-	(5,440)
At 31 March, restated	702,684	-	666,953	19,577	-	1,389,214
Net Book Value -						
31 March, restated	1,409,454	-	529,208	17,961	48,794	2,005,417

**University of Technology, Jamaica**

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

12. Intangible Assets

	2012	2011
	\$'000	\$'000
Cost -		
At 1 April	41,959	36,828
Additions	858	5,131
Adjustment	<u>(2,382)</u>	<u>-</u>
At 31 March	<u>40,435</u>	<u>41,959</u>
Amortisation -		
At 1 April	31,125	27,253
Amortisation for the year	<u>3,379</u>	<u>3,872</u>
At 31 March	<u>34,504</u>	<u>31,125</u>
Net Book Value	<u>5,931</u>	<u>10,834</u>

13. Long-term Investments

Long-term investments comprise the following:

	2012	2011
	\$'000	\$'000
Available-for-sale, at fair value:		
Financial institutions -		
Equities	3,592	3,068
Units in unit trusts	<u>505</u>	<u>83</u>
	4,097	3,151
Held-to-maturity, at amortised cost:		
Government of Jamaica -		
US\$ denominated bonds	364,587	358,153
Euro denominated bonds	23,093	24,109
Local bonds	<u>265,855</u>	<u>319,798</u>
	<u>657,632</u>	<u>705,211</u>

The fair value of the Government of Jamaica bonds was \$653,535 (2011 - \$702,060).

The effective weighted average interest rates on investments are 7.27% (2011 - 7.78%) and 4.70% (2011 - 5.02%) on Jamaican dollar and United States dollar investments respectively.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

14. Inventories

	2012 \$'000	2011 \$'000
Stores	18,662	13,230
Restaurant	2,656	2,074
Printery	3,539	819
	<u>24,857</u>	<u>16,123</u>
Provision for obsolescence	(352)	(352)
	<u>24,505</u>	<u>15,771</u>

15. Accounts Receivable

	2012 \$'000	2011 \$'000
Students' fees	845,553	462,289
Less: Provision for impairment	(161,090)	(138,723)
	<u>684,463</u>	<u>323,566</u>
Government of Jamaica receivables	162,599	17,686
Staff loans and advances	140,837	111,630
Prepayments	56,301	35,256
Deposits	35,275	16,880
Interest Receivable	27,620	24,639
Other	57,610	63,423
	<u>1,164,705</u>	<u>593,080</u>

Government of Jamaica receivables represent amounts withheld from the Ministry of Education, Youth and Culture to settle amounts due for statutory payroll liabilities.

Deposits represent down-payments in respect of purchases of Property, Plant and Equipment.

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 2012

(expressed in Jamaican dollars unless otherwise indicated)

17. Short-term Investments

	2012	Restated 2011	Restated 2010
	\$'000	\$'000	\$'000
Loans and receivables, at fair value			
Bank of Jamaica			
Certificates of deposit	55,130	52,297	40,935

18. 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 2012	Restated Carrying Value 2011	Restated Carrying Value 2010
	\$'000	\$'000	\$'000	\$'000	\$'000
Securities purchased under resale agreements	1,088,400	488,991	1,577,391	1,570,920	1,417,474

The weighted average interest rate on the investment securities is 7.27% (2011 – 7.78%). These securities are denominated in Jamaican dollars.

19. Cash and Cash Equivalents

	2011 \$'000	2010 \$'000
Cash at bank and in hand	185,722	321,563
Bank overdraft	(41,507)	(24,729)
	<u>144,215</u>	<u>296,834</u>

Cash and bank includes foreign currency savings accounts which attracts interest as follows, USD Savings 1.2% per annum (2011 – 1.25%), EURO Savings Account which attracts interest of 0.45% (2011 – 0.45%), Canadian Savings Account which attracts interest of 0.70% per annum (2011 - 0.70%) and Pound Sterling Savings Account which attracts interest of 0.90% per annum (2011 – 0.90%) and local savings account which attracts interest at 2.10% per annum (2011 – 2.50%). The accounting records of the University reflects 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 2012

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20. Accounts Payable

	2012	2011
	\$'000	\$'000
Accruals	206,211	146,049
Accrued vacation leave	384,928	370,728
Statutory payroll liabilities	182,710	33,323
Retroactive salary	108,625	108,625
Contractors' retention	15,622	13,425
Stale-dated cheques	23,657	17,461
Refunds due to Students Loan Bureau	-	3,712
Pre-paid student fees	246,790	92,975
Other	159,897	55,360
	<u>1,328,440</u>	<u>841,658</u>

21. Designated Receipts

	2012	2011
	\$'000	\$'000
Receipts from Students Loan Bureau to be paid to or on behalf of students	8,200	24,575
Scholarships	11,817	31,842
Students Union	4,588	-
	<u>24,605</u>	<u>56,417</u>

22. Deferred Income

	2012	2011
	\$'000	\$'000
Balance at the beginning of the year	468,255	774,289
Tuition and boarding fees billed for the year	3,196,330	2,906,923
	<u>3,664,585</u>	<u>3,681,212</u>
Recognised as revenue earned for the year	<u>(3,041,078)</u>	<u>(3,212,957)</u>
Balance at the end of the year	<u>623,507</u>	<u>468,255</u>



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

23. Borrowings

	2012 \$'000	2011 \$'000
Long term loan	44,295	78,120
Repayments during the year	<u>(11,812)</u>	<u>(33,825)</u>
	32,483	44,295
Less: Current portion	<u>(11,812)</u>	<u>(11,812)</u>
	<u>20,671</u>	<u>32,483</u>

This represents the balance due on the Jamaican dollar equivalent of US\$2,420,939 drawn 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 is required, and interest is payable quarterly at 2.5% per annum on the amount of loan drawn down and outstanding. The principal is repayable in 40 equal, consecutive, quarterly installments commencing April 1, 2005, with the final installment being due on January 1, 2015.

24. Appropriated Surplus

The following has been included in Appropriated Surplus as shown below:

	2012 \$'000	2011 \$'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.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

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25. Unexpended Grants for Specified Projects

	European Commission	CIDA	Environmental Foundation of Jamaica	Mustard Seed	Others	Total
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
Balances as at 31 March 2010	5,814	2,649	68	58	134,908	143,497
New advances	-	-	-	-	77,138	77,138
Interest income	926	-	-	-	7,876	8,802
Foreign exchange gain	-	-	-	-	1,669	1,669
Expenditure	(808)	-	-	-	(60,451)	(61,259)
Balances as at 31 March 2011	5,932	2,649	68	58	161,140	169,847
New advances	-	-	-	-	100,573	100,573
Interest income	72	-	-	-	5,696	5,768
Foreign exchange gain	521	-	-	-	116	637
Expenditure	(6,525)	-	-	-	(107,208)	(113,733)
Balances as at 31 March 2012	-	2,649	68	58	160,317	163,092

26. Endowment Funds

	2012 \$'000	2011 \$'000
At beginning of year	16,004	15,232
New Funds	82,526	-
Interest earned	3,688	772
Amounts utilised	(221)	-
At end of year	101,997	16,004



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

27. 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 \$92,653,000 (2011 - \$69,603,000).

(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 2012.

The liability recognised in the statement of financial position was determined as follows:

	2012 \$'000	2011 \$'000
Present value of unfunded obligations	441,574	388,915
Unrecognised actuarial losses	(64,729)	(100,696)
Liability in the statement of financial position	<u>376,845</u>	<u>288,219</u>

The movement in the present value of the defined benefit obligation during the year was as follows:

	2012 \$'000	2011 \$'000
At beginning of year	388,915	359,958
Current service cost	47,408	47,408
Interest cost	40,678	41,247
Actuarial losses/(gains) on obligations	(32,331)	(57,049)
Benefits paid	(3,096)	(2,649)
At end of year	<u>441,574</u>	<u>388,915</u>



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

27. Employee Benefit Obligations (Continued)

The amounts recognised in the statement of comprehensive income are as follows:

	2012 \$'000	2011 \$'000
Current service cost	47,408	47,408
Interest cost	40,678	41,247
Net actuarial (gains)/losses recognised during the year	3,636	8,117
Included in administration expenses	<u>91,722</u>	<u>96,772</u>

The effects of a 1% increase/decrease in the medical inflation rate assumption would result as follows:

	Medical inflation decrease by 1%	Medical inflation increase by 1%
Revised Service Cost	37,000	61,431
Revised Interest Cost	33,044	50,684
Revised Accumulated Post Employment Benefit Obligation	<u>364,225</u>	<u>541,780</u>

Movement in Net Liability/(Asset)	2012 \$'000	2011 \$'000
Net Liability/(Asset) brought forward	288,219	194,096
Benefit expense	91,772	96,772
Employer contribution	(3,096)	(2,649)
Adjustment	(50)	-
Net Liability/(Asset) at end	<u>376,845</u>	<u>288,219</u>

The five-year trend for the defined benefit obligation, and experience adjustments is as follows:

	2012 \$'000	2011 \$'000	2010 \$'000	2009 \$'000	2008 \$'000
Defined benefit obligation	441,574	388,915	359,958	215,894	198,621
Experience adjustments	<u>(32,331)</u>	<u>(57,049)</u>	<u>84,495</u>	<u>(33,195)</u>	<u>95,473</u>



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

27. 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:

	2012	2011
	%	%
Discount rate	10.0	10.5
Inflation	5.0	6.5
Medical cost trend rate	8.5	10.0

Post-employment mortality for are based on the American 1994 Group Annuitant Mortality (GAM94) table.

28. Related Party Transactions

(a) Transactions with related parties -

	2012	2011
	\$'000	\$'000
Non-executive Council members:		
Meeting related fees and expenses	1,891	1,771
Consultancy fees	400	525
	<u>400</u>	<u>525</u>

(b) Key management compensation –

	2012	2011
	\$'000	\$'000
Salaries and other short-term employee benefits	90,378	94,123
Allowances	16,143	21,932
Gratuity accrued	8,828	15,978
Payroll taxes – employer's contributions	3,186	3,465
Pension	1,367	1,578
Other	6,065	7,138
	<u>125,967</u>	<u>144,214</u>

University of Technology, Jamaica (UTECH Jamaica) is in the process of taking ownership of UTECH/JIM. As at year end there was an amount of \$31,273,000 to be recovered from UTECH/JIM for amounts paid by the University on the behalf of UTECH/JIM. As at year end the ownership of the University was not legally transferred to UTECH Jamaica.



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

29. 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:

	2012 \$'000	2011 \$'000
Authorised and not contracted for	2,383,325	4,048,521
Authorised and contracted for	<u>609,289</u>	<u>487,898</u>

30. 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.

31. Restatement

The University's financial statements for the years ended 31 March 2011 and 2010 were restated or reclassified as discussed below. The statement of financial position for the years ended 31 March 2011 and 2010 and the statement of comprehensive income for the year ended 31 March 2011 along with the affected notes to the financial statements were appropriately restated in accordance with the requirements of IAS 1.

- (a) The University reclassified Short-term investments of \$237,159,000 and \$109,953,000 for the year ended 31 March 2011 and 2010 respectively to Repurchase agreements on the statement of financial position as the aforementioned amounts were incorrectly classified within the aforementioned periods.
- (b) Property, plant and equipment for the year ended 31 March 2011 was adjusted to include improvements made to a leased property amounting to \$79,297,000 inadvertently expensed in prior periods. This amount has now been recognized as Leasehold Improvements and is being depreciated over the lesser of the lease terms or the life of the asset. The depreciation for the time frame amounts to \$330,000.

In addition, there were various completed projects included in Capital projects in progress for the year ended 31 March 2010 and 2009 that were inadvertently not transferred to the relevant category of Property, plant and equipment. As such Capital projects in progress were adjusted to transfer completed projects totaling \$5,638,000 to Furniture, fixtures and equipment. In addition there were projects completed in years preceding March 2009 totaling \$127,373,000 that have now been transferred to Furniture, fixtures and equipment. Depreciation for the aforementioned amounts have also been booked during the periods 31 March 2011, 2010 and 2009 amounting to \$3,704,000, \$24,000 and \$6,998,000 respectively.

**University of Technology, Jamaica**

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

31. Restatement (Continued)

The table below reflects the effect of the above restatements and reclassifications on the statement of comprehensive income for the year ended 31 March 2011.

	2011		
	As previously stated \$'000	Restatement \$'000	Restated 2011 \$'000
Income:			
Tuition	2,718,078	-	2,718,078
Hostel	44,029	-	44,029
	<u>2,762,107</u>	<u>-</u>	<u>2,762,107</u>
Government of Jamaica subvention	1,684,055	-	1,684,055
Other fees	403,140	-	403,140
Restaurant	22,268	-	22,268
Projects and special accounts	176,208	-	176,208
Amortisation of capital grants	26,129	-	26,129
Other income	107,829	-	107,829
	<u>5,181,736</u>	<u>-</u>	<u>5,181,736</u>
Expenses			
Administration expenses	4,731,745	(75,262)	4,656,483
	<u>4,731,745</u>	<u>(75,262)</u>	<u>4,656,483</u>
Surplus before net finance income	449,991	75,262	525,253
Finance income	142,961	-	142,961
Finance costs	(17,576)	-	(17,576)
Net finance income	<u>125,385</u>	<u>-</u>	<u>125,385</u>
Net Surplus	<u>575,376</u>	<u>75,262</u>	<u>650,638</u>
Other Comprehensive Income:			
Unrealised gains on available-for-sale investments	564	-	564
Total Comprehensive Income	<u>575,940</u>	<u>75,262</u>	<u>651,202</u>



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

31. Restatement (Continued)

The table below reflects the effect of the above restatements and reclassifications on the statement of financial position for the year ended 31 March 2011.

	2011			
	As previously stated \$'000	Reclassification \$'000	Restatement \$'000	Restated \$'000
Non-Current Assets				
Property, plant and equipment	1,989,394	-	82,245	2,071,639
Intangible assets	10,834	-	-	10,834
Long-term investments	705,211	-	-	705,211
	<u>2,705,439</u>	<u>-</u>	<u>82,245</u>	<u>2,787,684</u>
Current Assets				
Inventories	15,771	-	-	15,771
Accounts receivable	593,080	-	-	593,080
Taxation recoverable	146,513	-	-	146,513
Short term investments	289,456	(237,159)	-	52,297
Reverse repurchase agreements	1,333,761	237,159	-	1,570,920
Cash and cash equivalents	321,563	-	-	321,563
	<u>2,700,144</u>	<u>-</u>	<u>-</u>	<u>2,700,144</u>
Current Liabilities				
Accounts payable	841,658	-	-	841,658
Designated receipts	56,417	-	-	56,417
Deferred income	468,255	-	-	468,255
Current portion of long-term loan	11,812	-	-	11,812
Bank overdraft	24,729	-	-	24,729
	<u>1,402,871</u>	<u>-</u>	<u>-</u>	<u>1,402,871</u>
Net Current Assets	<u>1,297,273</u>	<u>-</u>	<u>-</u>	<u>1,297,273</u>
	<u>4,002,712</u>	<u>-</u>	<u>82,245</u>	<u>4,084,957</u>

**University of Technology, Jamaica**

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

31. Restatement (Continued)

The table below reflects the effect of the above restatements and reclassifications on the statement of financial position for the year ended 30 March 2011.

	2011			
	As previously stated \$'000	Reclassification \$'000	Restatement \$'000	Restated \$'000
Reserves				
Appropriated surplus	155,767	-	-	155,767
Unappropriated surplus	2,637,771	-	82,245	2,720,016
Investment revaluation	2,483	-	-	2,483
	2,796,021	-	82,245	2,878,266
Non-Current Liabilities				
Unexpended grants for specified projects	169,847	-	-	169,847
Endowment funds	16,004	-	-	16,004
Capital grants	700,138	-	-	700,138
Borrowings	32,483	-	-	32,483
Employee benefit obligations	288,219	-	-	288,219
	1,206,691	-	-	1,206,691
	4,002,712	-	82,245	4,084,957



University of Technology, Jamaica

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

31. Restatement (Continued)

The table below reflects the effect of the above restatements and reclassifications on the statement of financial position for the year ended 31 March 2010.

	2010			
	As previously stated \$'000	Reclassification \$'000	Restatement \$'000	Restated \$'000
Non-Current Assets				
Property, plant and equipment	1,998,434	-	6,983	2,005,417
Intangible assets	9,576	-	-	9,576
Long-term investments	542,113	-	-	542,113
	2,550,123	-	6,983	2,557,106
Current Assets				
Inventories	13,240	-	-	13,240
Accounts receivable	632,449	-	-	632,449
Taxation recoverable	114,840	-	-	114,840
Short term investments	150,888	(109,953)	-	40,935
Reverse repurchase agreements	1,307,521	109,953	-	1,417,474
Cash and cash equivalents	128,693	-	-	128,693
	2,347,631	-	-	2,347,631
Current Liabilities				
Accounts payable	596,295	-	-	596,295
Designated receipts	46,354	-	-	46,354
Deferred income	774,289	-	-	774,289
Current portion of long-term loan	33,824	-	-	33,824
Bank overdraft	103,524	-	-	103,524
	1,554,286	-	-	1,554,286
Net Current Assets	793,345	-	-	793,345
	3,343,468	-	6,983	3,350,451

**University of Technology, Jamaica**

Notes to the Financial Statements

31 March 2012

(expressed in Jamaican dollars unless otherwise indicated)

31. Restatement (Continued)

The table below reflects the effect of the above restatements and reclassifications on the statement of financial position for the year ended 31 March 2010.

	2010			
	As previously stated \$'000	Reclassification \$'000	Restatement \$'000	Restated \$'000
Reserves				
Appropriated surplus	155,767	-	-	155,767
Unappropriated surplus	2,062,395	-	6,983	2,069,378
Investment revaluation	1,919	-	-	1,919
	2,220,081	-	6,983	2,227,064
Non-Current Liabilities				
Unexpended grants for specified projects	143,497	-	-	143,497
Endowment funds	15,232	-	-	15,232
Capital grants	726,267	-	-	726,267
Borrowings	44,295	-	-	44,295
Employee benefit obligations	194,096	-	-	194,096
	1,123,387	-	-	1,123,387
	3,343,468	-	6,983	3,350,451



Appendices

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Honorary Treasurer

Mr. Vivian Crawford

University President

Professor the Hon. Errol Morrison, OJ

Deputy President

Professor Ashok Kulkarni

Vice President, Student Services & University

Registrar (Secretary)

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Mrs. Dianne Mitchell (Retired January 2012)

Alumni Association President

Mr. Clinton Clarke (April 2011- August 2011)

Mr. Ronald Sutherland (September 2011- present)

Students' Union President

Miss Jheanell Johnson

Appointed Members

Community Colleges

Mrs. Karen Hewitt-Kennedy

Chancellor's Nominee

Mr. Dennis Chung (wef January 2012)

University of the West Indies

Dr. Camille Bell-Hutchinson

Professional Societies Association

Dr. Aggrey Irons (September 2011 – present)

Dr. Winston De La Haye (resigned August 2011)

Ministry of Education Representatives

Mrs. Jacqueline Coke-Lloyd (April 2011 – February 2012)

Mrs. Grace McLean (April 2011 – January 2012)

Private Sector

Mr. Ryland Campbell

Prime Minister's Nominee

Mr. Aldrick McNab (April 2011 – January 2012)

Mrs. Grace McLean (April 2011 – January 2012)

Association of Caribbean & Tertiary Institutions

Dr. Angella Samuels-Harris (wef April 2012)

Co-opted Members

Mrs. Eleanor Jones

Mr. Eric Frater

Mr. Earl Samuels

UAWU Representative

Mrs. Stancy Mighty Dixon

Academic Staff Union

Mrs. Olubulosa Akinladejo (wef August 2011)

Major G. Junior Virgo (tenure ended July 2011)

Administrative and Support Staff Association

Mr. Christopher Spencer (wef August 2011)

Mr. Deanian Scully (tenure ended July 2011)

Elected Members

Deans' Representative

Dr. Carol Archer

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Professor the Hon. Errol Morrison, OJ

Deputy President

Professor Ashok Kulkarni

Vice President, Student Services & University

Registrar (Secretary)

Mrs. Mercedes Deane (Acting wef Oct 2011 – March 2012)

Mrs. Dianne Mitchell (Pre-retirement leave wef September 2011)

Assoc. Professor & Vice President, Planning and Operations

Dr. Kofi Nkrumah-Young

Chief Business and Finance Officer

Mr. Deryke Smith

Vice President, Development and Community Service

Professor Rosalea Hamilton

University Librarian

Mr. David Drysdale

Dean, College of Business & Management

Associate Professor Dr. Paul Golding (Appointed September 2011)

Associated Professor Dr. Claudette Williams-Myers (Acting wef 03/01/11 – 31/08/11)

Dean, College of Health Sciences

Associate Professor Dr. Ellen Campbell-Grizzle (Appointed November 2011)

Associate Professor Dr. Eugenie Brown-Myrie (Tenure ended October 2011)

Dean, Faculty of Engineering & Computing

Mrs. Charmaine DeLisser

Dean, Faculty of Education & Liberal Studies

Associate Professor Dr. Rohan Lewis (Appointed wef September 2012)

Dr. Haldane Johnson (Tenure ended August 2011)

Dean, Faculty of The Built Environment

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Vice President, Graduate Studies, Research & Entrepreneurship

Professor Gossett Oliver

Associate Vice President, Academic Management

Dr. Winsome Russell

Associate Vice President, Distance Learning

Dr. Jeanette Bartley-Bryan



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Mrs. Olubusola Akinladejo

Academic Staff Representative

Faculty of Engineering & Computing

Mrs. Charmaine DeLisser

Academic Staff Representative

Faculty of Education & Liberal Studies

Mrs. Sylvia Hall

Academic Staff Representative

Faculty of The Built Environment

Mr. Desmond Hall

1st Vice President, Students' Union

Mr. Shawn Stultz

President's Nominees

Director, Community Development & Service

Mr. Seymour Riley

Head, Caribbean School of Architecture

Mr. L. Mark Taylor

Faculty of Law

Prof. the Hon. Oswald Harding, OJ

OFFICERS OF THE UNIVERSITY

Chancellor

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Professor the Honourable Errol Morrison, OJ

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Assoc. Professor & Vice President, Planning and Operations

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Dr. Jeanette Bartley-Bryan

Associate Vice President, Undergraduate Studies

Dr. Haldane Johnson

DEANS

College of Business & Management

Associate Professor Dr. Paul Golding (Appointed September 2011)

Associated Professor Dr. Claudette Williams-Myers (Acting wef 03/01/11 – 31/08/11)

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Mrs. Charmaine DeLisser

Faculty of Law

Professor the Hon. Oswald Harding, OJ

Faculty of Science and Sport

Dr. Colin Gyles

Faculty of The Built Environment

Dr. Carol Archer

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College of Health Sciences

Dr. Cliff Riley

Faculty of Law

Miss Dawn McNeil – Montego Bay Campus

Faculty of Science and Sport

Dr. Colin Gyles

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College of Business & Management

Dr. Neville Swaby



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Faculty of Engineering & Computing

Dr. Felix Akinladejo

Faculty of Science and Sport

Mrs. Beverley Myers (Acting)

Faculty of The Built Environment

Dr. Vincent George

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Mr. L. Mark Taylor

School of Building & Land Management

Mrs. Cadien Murray-Stuart

School of Business Administration

Mr. Clavery Allen (Appointed wef March 2012)

Mr. Reginald Nugent (Resigned February 2012)

School of Hospitality & Tourism Management

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School of Technical & Vocational Education

Dr. Leonie Clarke (Appointed September 2011)

Mrs. Shermaine Barrett (Tenure ended August 2011)

Department of Liberal Studies

Dr. Nova Gordon-Bell (Appointed September 2011)

Miss Sheila Coulson (Acting tenure ended August 2011)

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Mr. Arnett Campbell

School of Engineering

Associate Professor Dr. Nilza Smith

School of Entrepreneurship

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Dr. Mauvalyn Bowen (Resigned wef December 2011)

School of Pharmacy

Dr. Sean Moncrieffe

School of Allied Health

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Caribbean School of Nursing

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Professor Winston Davidson

School of Oral Health Science

Dr. Irving McKenzie (Interim Head)

School of Nursing and Allied Health

Dr. Philip Onuoha

School of Natural and Applied Science

Dr. James Smith

School of Mathematics and Statistics

Mr. Errol Rowe (Acting)

Caribbean School of Sports Sciences

Dr. Neville Graham

Head, Centre for Science-Based Research

Entrepreneurship and Continuing Studies

Dr. Debbie-Ann Gordon-Smith

UTech/JIM School of Advanced Management

Dr. Neville Swaby

ACADEMIC STAFF (FULL TIME)

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Mrs. Theresa Easy

Dr. Claudette Williams-Myers

Dr. Jennifer Yee-Sing

Senior Lecturers

Mrs. Olubusola Akinladejo

Mr. Girjanauth Boodraj

Dr. Coletto Buchanan

Dr. Lorna Palmer

Dr. Neville Swaby

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Mr. Milton Bernard

Mr. Randell Berry

Ms. Janice Blackwood

Mr. Errol Branford

Mr. Roger Brown

Mr. Lorence Brown

Mr. Orville Brown

Dr. Carlys Cadogan

Mr. Granville Cain

Mr. Dennis S. Campbell

Mr. Jeffrey Clarke

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Mrs. Rosemarie Donaldson-Ivey

Mr. Damien Francis

Mr. Courtney Garrick

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

Miss Celia McKoy

Mr. James McNish



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Mr. Patrick Reid
Mrs. Patricia Roberts-Brown
Mrs. Sherlette Rookwood-Brown
Mrs. Heather Scott-Brown
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Mrs. Ruth Owen-Wright

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Mr. Orville Reid

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Ms. Donna Kelly
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Mrs. Ava Sewell

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Miss Andrea Atterbury
Mr. Greg-Louis Austin
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Mrs. Keron Jones-Fraser
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Miss Marion McLarty
Miss Gillian Mignott
Mrs. Marjorie Ming
Mrs. Alta Mowatt
Mrs. Karyl Powell-Booth
Miss Patrice Reid
Mrs. Ava Simpson
Mr. Maeton Sylvester (Pro-rated)
Mrs. Lois Rainford (Pro-rated)
Mrs. Joan Rhule
Mrs. Sonia Richards-Malcolm
Mrs. Melody Riley



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Mr. Meredith Williams
Mrs. Janice Wissart

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Professor Emeritus Tik Lien The'

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Dr. Anita Hawkins-Salmon
Dr. Douglas Welds

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Miss Nickania Pryce
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Association of Caribbean Higher Education Administrators - Chair, Membership Committee 2003 - present

International Meeting of University Administrators - Member, International Advisory Committee 2004 - present

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VP Graduate Studies, Research & Entrepreneurship

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 NHF Medical Review (2008 to Present)
 NHF Institutional Committee (2003 to Present)
 Caribbean Poison Information Network (CARPIN) - 2004 to Present
 Management Committee
 Educational Sub-committee
 Research and Finance Committee
 Pharmacy Council of Jamaica (1993 to Present)
 Pharmaceutical Society of Jamaica (1989 to Present)
 South East Regional Health Authority Human Resources for Health Planning
 Steering Committee (2008 to Present)

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 University Council of Jamaica (UCJ) Teacher Education Board of Studies, June 2009 – Present
 Jamaica Association for Technical and Vocational Education & Training (JATVET) - Vice President, November 2009 – Present
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 Vision 2030 Jamaica - Education and Training Thematic Working Group. Member, Dec 2009 to present

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Institutional Representative, Caribbean Epidemiology Centre (CAREC) Distance Learning Advisory Committee 2005 – present

Institutional Representative, Commonwealth of Learning – Consortium of Universities on Civil Paths to Peace Studies 2005 - present

Institutional Representative, Board of Global Development Learning Network for Latin America & the Caribbean (GDLN-LAC) 2004 – present

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