



UWI TODAY

THE UNIVERSITY OF THE WEST INDIES · ST. AUGUSTINE CAMPUS

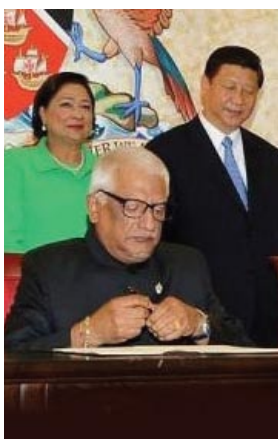
SUNDAY 30TH JUNE, 2013



VET GRADS CELEBRATE



On Friday, June 7, 23 graduating students of the School of Veterinary Medicine took the Hippocratic Oath, pledging to the ethical practice of medicine. The Oath was taken in the presence of Dr David Kangaloo, Chief Veterinary Officer of Trinidad & Tobago at The UWI's Eric Williams Medical Sciences Complex, Mt Hope. PHOTO: DEXTER SUPERVILLE



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CAMPUS NEWS

CONFUCIUS INSTITUTE for St. Augustine Campus



Professor Clement Sankat and Madame XU Lin sign the agreement to establish a Confucius Institute at The UWI. They are flanked by President of the People's Republic of China, Xi Jinping and Prime Minister of the Republic of Trinidad & Tobago Kamla Persad-Bissessar
PHOTO COURTESY THE DIPLOMATIC CENTRE

On June 1, Professor Clement Sankat, Principal and Pro Vice Chancellor of The UWI, St. Augustine, had the pleasure of hosting Madame XU Lin, Director General of Hanban and Chief Executive of the Confucius Institute to a guided tour of the Campus. She and her team of five were part of the delegation visiting Trinidad & Tobago led by President of the People's Republic of China, Xi Jinping.

Their visit to The UWI was a follow on to a three-year Memorandum of Agreement (MOA), signed on December 10, 2010 between the Confucius Institute of the People's Republic of China and The UWI St. Augustine Campus, in which the Government of China provided a Lecturer in the Mandarin language and Chinese culture to The UWI Centre for Language Learning from January 2011.

It culminated with the two leaders signing an Agreement to establish a Confucius Institute at St. Augustine so as to strengthen educational cooperation between China and Trinidad & Tobago, support and promote the development of Chinese language education and increase mutual understanding among people in China and Trinidad & Tobago. Confucius Institutes are non-profit public institutions that operate within established universities, colleges and secondary schools around the world, providing funding, teachers and educational materials. Its headquarters are located in Beijing and the programme is overseen by the Office of Chinese Language Council International (Hanban).

Through The UWI, the Confucius Institute will teach Chinese language and provide Chinese language teaching resources; train Chinese language instructors; provide information and consultative services concerning China's education and culture; conduct language and cultural exchange activities and serve as the centre for the HSK Examination (Chinese Proficiency Test) and tests for the Certification of Chinese Language Instructors.

This Confucius Institute will be the second of its kind in the English-speaking Caribbean, with one other established at The UWI Mona Campus in Jamaica in July 2010.



Professor Clement Sankat and Madame XU Lin with other members of the delegation outside the Alma Jordan library during a tour of The UWI St. Augustine Campus PHOTO: ANEEL KARIM

FROM THE PRINCIPAL

JUNE – A Time for Reflection and Renewal



June is traditionally associated with weddings and new beginnings. However, it is also a fitting time for mid-year reflection.

As The UWI academic year comes to a close, there is much for which we must be grateful, just as there's a lot to which we can look forward. This University has come of age in a period that tests its mettle on all fronts: strained economic circumstances nationally and regionally and a changing, highly competitive landscape for tertiary education institutions. These pose challenges that affect everything, sometimes in unexpected ways.

Against this background The UWI must continue to play a leadership role in driving the region's development. Institutional excellence at The UWI is a core value and the foundation on which we have built our reputation for quality. Just as we seek to transform our society, so too must The UWI continue to transform itself if it is to survive. This means looking beyond and seizing new opportunities and forging new partnerships, as we are doing in the ACS countries and even further afield. For example, on June 1st we signed an historic MOU in Port-of-Spain with the Director-General of Hanban and Chief Executive of the Confucius Institute Headquarters of the People's Republic of China, Madame Xu Lin, in the presence of the Honourable Prime Minister Kamla Persad-Bissessar and the President of China, H.E. Xi Jinping, to establish a Confucius Institute at UWI St. Augustine. This Institute will create a focal point on our Campus in Trinidad & Tobago for those wishing to study Chinese language and culture as well as the political, economic and commercial issues of contemporary China.

Our commitment to transformation is reflected in the many new initiatives upon which we have embarked to enhance our efficiency and build a more enterprising academy. Our current Change Programme is illustrated by a cog motif - a series of interconnected wheels depicting

motion, which have a critical component at the centre: 'You'. We want all employees at every level to be a part of this process, to feel empowered and to contribute to our transformation efforts so that we can position our university for even greater success.

Our transformative change is focussed on human, financial, physical and academic matters. In the pages of this edition of UWI Today, new Campus Registrar Richard Saunders highlights the use of 'smart' technology for the benefit of our staff and students. In tandem, our Projects Office and Division of Facilities Management are engaged in major capital projects to provide an environment that can meet international standards. Among the other features in this issue, there are stories of our graduates who are doing tremendous work in Trinidad & Tobago and regionally. In 2013/2014 we expect to launch a series of new undergraduate and postgraduate programmes in areas such as Alternative Energy Technology, Bio-Medical Physics, Agriculture, Local Government, to better prepare our graduates for a new environment.

My annual Campus Management Retreat took place this past week and we used the time to take stock of where we are, where we'd like to be and what needs to happen to enhance our financial sustainability and create an enterprising academy. We are aware that, as part of a regional university, we do not operate in a vacuum. In fact, the St. Augustine Campus is one component of the bigger regional UWI machinery that is focused on implementing our UWI Strategic Plan 2012-2017, which supports the holistic development of our region.

So beyond the reflection that June inevitably brings, it also brings the wherewithal to re-energise, re-engineer and renew our commitment to advancing tertiary education in Trinidad & Tobago and the Caribbean through excellence in teaching, research, innovation and public service.

CLEMENT K. SANKAT
Pro Vice Chancellor & Principal

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For the period May 1 to August 2, 2013; Mrs Maria Rivas-McMillan will be editing UWI TODAY, please address all correspondence for the paper to her at maria.mcmillan@sta.uwi.edu during this time.

Start-ups and Upstarts



Startup Weekend Everybody
PHOTO: ANEEL KARIM

Remember the days when universities were ivory towers? Gone. Here at home, The University of the West Indies continues to catalyse regional development by engaging with, and bringing together, entrepreneurial minds from all walks of life to build and execute their dreams of starting businesses.

In the most recent initiative, the Faculty of Engineering and the Engineering Students Society were the local partners of the global *Startup Weekend* franchise in hosting the first ever *Startup Weekend Trinidad & Tobago*, May 22 – 24, on the St. Augustine Campus.

One hundred and seventeen budding as well as established entrepreneurs, from four Caribbean countries, organically assembled into teams around the most popular of 57 business ideas pitched at the event's opening session. During the two days, teams powered through ideation, customer validation, business case development, design and prototyping for their startups. The energy was electrifying.

All needs were met to enable uninterrupted creativity over 54 hours: oodles of 4G wireless internet courtesy Digicel; meals with an abundance of meals, munchies and drinks, courtesy the event's major sponsor, iGovTT, as well as Prestige Holdings and Caribbean Bottlers; and delightful teas courtesy Chief Brand Products. The shared vision for local entrepreneurial possibilities was evident through the generous support of many sponsors which also included NEDCO, IBM, TTNIC, IEEE Trinidad and Tobago Section, Teleios, Flow, Pat & Max, Maritime, BPD Associates, Odyssey Consultinc, First Citizens Bank, Trini Trolley, Entrepreneur Spirit, Electrosign and Brightpath Foundation.

In his keynote, Kama Maharaj shared his personal journey in building Sacha Cosmetics into the giant it is today, challenging participants along the way: "Most of the colours were developed at night on my kitchen table. How far are you prepared to go?" Brian Mac Farlane, who spoke on behalf of the judges, expressed their delight in the melding of disciplines to make magic. Pooled together, judges' backgrounds represented investment finance,

entrepreneurship, technology, design and fashion. In the 14 coaches, participants benefitted from a rich portfolio of creative, finance, business and technical disciplines.

The emerging start-up themes captured the rich multidisciplinary reach of attending entrepreneurs. Propositions included a mobile app for gaming as well as those to locate car parts, to find local places and events, to arrange secure local transportation services, to discover the beauty of T&T, and to provide full service for the entire tourist eco-system. Platforms were presented for crowd-funding, for innovative payment modalities; for entrepreneurial community building; for linking of NGOs, volunteers and collaborators, to facilitate e-commerce for local fashion designers, and to provide augmented reality brand development and advertising. A smart appliance converter was also presented, as was: a service for smart data driven strategies and visual analytics; technology-enabled, future design; and solutions for nano-structured super hydrophobic and oleophobic coating of structures.

The top team in the end was GIA., the Tourist Eco-System mobile app. Doubles Tycoon mobile game took second place and PublicMine, the smart data driven strategies and visual analytics services, took third. All teams are committed to launching their businesses and the outpouring from the local community to support Startup Weekend Trinidad and Tobago alumni can make it happen. There is resonant consensus that all participating teams and individuals are winners, having fully engaged in the experiential learning exercise, validated their ideas and made critical connections in the growing local entrepreneur community. In the words of one energised participant:

"Thank you, Startup Weekend, for making a start at filling the huge void where Trinidad & Tobago's youthful entrepreneur ecosystem should be!! This was a positively ground-breaking three-day experience for Start-ups and Upstarts all across Trinidad and Tobago. I cannot thank the organisers enough for the invaluable lessons I've learnt and for the genuinely warm, friendly and growth-oriented environment that they made possible."

Startup Weekend

is a global network of passionate leaders and entrepreneurs on a mission to inspire, educate, and empower individuals, teams and communities. It focuses on building a community-

empowerment model to help train and foster community leaders, ignite more entrepreneurial activity and map and connect the world's start-up ecosystems. Founded by Andrew Hyde in July 2007 in Boulder, Colorado, the first weekend, which had 78 people attend, launched a random idea into a worldwide movement. It quickly became a nexus for early stage start-up activity in communities across the globe. In September 2010, *Startup Weekend* received a grant from the Ewing Marion Kauffman Foundation, allowing *Startup Weekend* to come closer to reaching its potential in attempting to understand the unpredictable science of successful entrepreneurship. To date more than 9000 ventures have been launched at *Startup Weekends* around the globe.

■ FOR MORE INFORMATION

<http://trinidad.startupweekend.org/> and to pitch in, go to <https://www.facebook.com/StartupWeekendTrinidadTobago>. Participants are invited to make a submission to ICT Pulse, <http://www.ict-pulse.com>

Startup Weekend Trinidad and Tobago was conceived, coordinated and facilitated as a supremely collaborative exercise between current and past members of staff and students at UWI's Faculty of Engineering, along with local and foreign *Startup Weekend* alumni.



A Research Expo with a Difference

The Campus showcases its landmark research in October

BY ANNA WALCOTT-HARDY

The University of the West Indies will showcase research projects from across seven Faculties from October 2 to 5 at an Expo and Symposium at the St. Augustine Campus. Renowned for its legacy of comprehensive research in the arts and sciences, the Campus' JFK Quadrangle and Auditorium will transform into a showcase of interactive 3-D displays, experiments, digital demos, virtual exhibits, live presentations and skills workshops, as well as artistic performances, including poetry readings and mini-concerts.

Patrons will gain hands-on information on a range of issues affecting the region, from volcanic eruptions to UWI-developed mobile applications that help fishermen at sea. This novel exposition will feature a wide range of impactful projects – including Alternative Energy Generation, UWI-developed Computer Games, as well as renewable energy and nanotechnology projects.



Learn about research on infectious diseases such as dengue



A Wind/Photovoltaic Hybrid System at the St. Augustine Campus
This system not only powers a security light, but provides the added benefit of a plug and USB charging unit where persons can charge their computers and cell phones while on Campus.

Information on innovative medical science research on chronic and non-communicable diseases including diabetes and cardiovascular disease, as well as on infectious diseases like dengue, HIV and influenza, will also be shared.

Faculty-led skills training workshops will allow patrons to learn about entrepreneurship, creative writing, Caribbean sign language pathology, film production, and a host of other interesting and exciting topics.

A symposium on 'Research, Enterprise and Impact' will be hosted at the Campus, to highlight the ways in which UWI research, funded by the government of Trinidad & Tobago through the Research and Development Impact Fund (RDI), has led to the development of innovative products and services, as well as the strengthening of national policy, legislative framework and the mobilisation of communities.

Saturday, October 5 will feature for the very first time, The UWI Marketplace and Children's Fun Park where UWI research, learning, family, shopping and entertainment will converge on the open grounds near our Learning Resource Centre. UWI Field Station dairy and vegetable products, chocolates by the Cocoa Research Unit (CRU), as well as special varieties of disease resistant anthurium flowers and plants, are just some of the many items that will be on sale.

Patrons can look forward to a dynamic, fun, and highly informative experience at the Expo. There will be special door prizes, and a UWI gift shop, featuring UWI publications and UWI products. The main sponsor of the UWI Research Expo is the National Gas Company of Trinidad & Tobago Limited. The government of Trinidad & Tobago provides dedicated funding to The UWI-Trinidad & Tobago Research and Development Impact Fund.

■ CAMPUS NEWS

Grads in Action at Pont Cassé

BY PROFESSOR GYAN SHRIVASTAVA

In the early morning of Friday, April 19, 2013, in the Commonwealth Caribbean Island of Dominica, a motor vehicle fell into a 13m deep and 25m wide ravine. That ravine had rapidly formed across a major road, at a culvert crossing, after heavy rains (estimated to be approximately 44 cm) in the preceding three days. This accident at Pont Cassé unfortunately led to the death of two persons who were members of Dominica's National Football Team.

Three UWI graduates hold senior positions in Dominica's Ministry of Works: Senior Engineer Emile Lancelot, Chief Technical Officer Kendell Johnson and Permanent Secretary Lucien Blackmoore. They turned to the Faculty of Engineering for technical consultation and two staff members from the Department of Civil and Environmental Engineering, Dr. Derek Gay (Geo-technical Engineering) and Professor Gyan Shrivastava (Hydraulic Engineering) headed off to Dominica.

Their three-day mission was to provide specific analytical support in Geotechnical, Hydrologic and Hydraulic Engineering for the investigation of the road failure and in the engineering design of remedial measures. For the lecturers, the visit also provided a valuable opportunity to see these UWI graduates, all former students, in action as they contribute to the maintenance and improvement of the lifeline infrastructure in the challenging mountainous terrain of Dominica.

Preliminary engineering analyses indicate that the failure was caused by a rainstorm of return period in excess of 100 years (a probability of occurrence of less than 1 in 100) and the mechanism of failure was geotechnical as well as hydraulic. The UWI team will analyse all the topographic, geo-technical, hydrological and hydraulic data and submit a report to the Government of Dominica.

Gyan Shrivastava is a Professor in the Department of Civil & Environmental Engineering



Road Failure at Pont Cassé PHOTO COURTESY: CHIEF TECHNICAL OFFICER, MINISTRY OF WORKS, GOVERNMENT OF DOMINICA

NEDCO comes to The UWI

The UWI St Augustine is a hotspot for ideas, initiatives, new and innovative products. That's the way a university should be, after all, the questions to ask though are: 'what do you do with these bright ideas and are they at all commercially viable?'

Answering that question led to The UWI collaborating with the National Entrepreneurship Development Company (NEDCO) and the Incubation Centre to host the first



Minister of Tertiary Education and Skills Training, the Honourable Fazal Karim (centre) is flanked by NEDCO CEO, Ramlochan Ragoonanan; Permanent Secretary Ministry of Labour and Small and Micro Enterprise Development Carl Francis (L), and Campus Principal and Pro Vice Chancellor, Professor Clement Sankat (R) at the ribbon-cutting ceremony.

'Entrepreneurship Boot Camp' in 2012 on the St Augustine Campus. Graduates found resources to build confidence in their ability to turn their business dreams into reality. It was such a success that The UWI and NEDCO solidified their partnership in October 2012 with a Memorandum of Understanding for a strategic working relationship on entrepreneurial development. The establishment of a NEDCO physical presence on The UWI St Augustine Campus, in the Student Activity Centre, marks the delivery of one of the promises made in that agreement.

Campus Principal Clement Sankat was confident that NEDCO's presence on the Campus would embed the spirit of entrepreneurship in the Campus community, encouraging and supporting ideas for new products and services while facilitating the translation of these ideas into reality. It is a step further in the creation of an enterprising academy at The UWI. He urged staff, students and graduates to take Seth Godin's advice in 'Poke the Box' and draw their own entrepreneurial maps rather than simply follow directions. An entrepreneurial culture is critical, he noted, if Trinidad & Tobago is to successfully diversify its economy.

The St. Augustine Campus and NEDCO will co-host a second 'Entrepreneurship Boot Camp' from July 1-6.

■ CASE STUDY

UWI VET GRAD MAKES HISTORY: 1st P

The local newspaper heading screamed ‘Cow gets new limb and new life’. It was a lovely story about an ill boy and Girlie Girlie, his pet cow, a gift from his grandfather. A heavily pregnant Girlie Girlie had lost the lower part of her hind leg due to rope burn. She was given a new lease on life through the efforts of her veterinarian and the fitting of what is touted to be the first prosthetic limb for animals in the Caribbean.

But who is the vet behind this historic achievement? Nicole Lambie has a BSc in Agriculture and is a Doctor of Veterinary Medicine (DVM). She also has an MSc in Tropical Animal Science and Production and her academic interest is in animal reproductive bio-technology, in particular the water buffalo. Dr Lambie is also a 5th Degree Black Belt who has represented Trinidad & Tobago, getting Bronze at the 20th CAC Games. She was nominated for Sports Woman of the Year in 2006, 2008 and 2009. And, at Christmas time, when she’s not dedicating her time to her patients, she’s performing with Los Paraderos de UWI, winning the Best Marac Player award on two years.

It all began with a telephone call to the Curepe office of the Ministry of Food Production from Paula Baptiste, a farmer and owner of a mini mart, and her husband Adrian, a fisherman. It was referred to Dr Nichelle Jasper as a possible ‘cull case’. Dr Lambie went along to assist. There they found a cow with a gruesome foot injury but otherwise in remarkably good condition and that was (unknown to its owners) about 8 months pregnant. The cow, Girlie Girlie, had been a gift to the last grand-son of a man who had passed and the first calf had been promised to another grand-son. At that point, Dr Lambie adopted the case and was determined to bring the cow safely to parturition – much easier said than done. The cow was in Maracas Bay and her office was in Sangre Grande. There was just one cell phone contact with the family which was often not available for various reasons. It would turn out to be a 7-week odyssey.

Dr Nicole Lambie is a Veterinarian at the Ministry of Food Production and Girlie’s Adopted Vet. All photos were taken on her cell phone by Drs Wharwood and Jasper as well as by Dr Lambie.

■ 1

The first visit to Girlie at Maracas Bay: Her left hind hoof had been mutilated from a rope injury. The skin and bones of the hoof would slough away to expose her metatarsal bone. A week later the bone broke but, luckily, it was a level break and her medication prevented infection.



■ 2

Girlie’s wound is terrible and her leg is amputated. Her left leg is now 9 inches shorter than the right, resulting in a large pelvic tilt. Her immense distress was made worse because of pregnancy. Dr Lambie began looking for something to support her; it would have to be able to carry 700 lbs and be light enough for Girlie to move around. It shouldn’t irritate the stump. Google and YouTube became Dr Lambie’s friends as she researched other prosthetics – elephant prosthetics and that of a cow named Dottie being the best examples of rudimentary designs. With her colleagues, she brainstormed ideas, materials. Persons to whom she showed pictures offered help and advice. Some even contributed bandages. Her voyage of discovery would eventually lead her to Trinidad & Tobago Orthotics and Prosthetics Limited (TTOP).



■ 3

Girlie the mother – her bull calf, Reno, was born on Good Friday 2013. It was an assisted delivery by Nally, Ruben’s uncle and neighbour, who followed Dr Lambie’s instructions conveyed to him by his girlfriend Joan via cell phone.

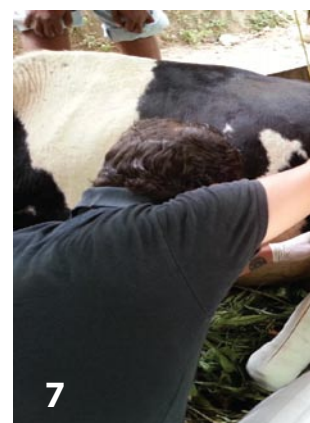


■ 4

“I was determined to find a despite those who thought it cause. An idea began to take and these are my sketches and measurements for a rudimentary cost prosthetic to somehow. The plan was to use fiber glass design was made on a blank page given to her by Adrian. The problem then was how would without strapping to her hip

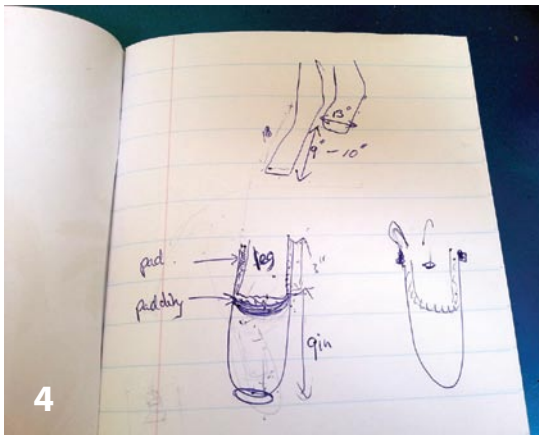
■ 5

The Awesome Foursome: Dr Warren, Dr Nicole Lambie, Jasper and Dr Cheryl-Ann. The newspaper article (*Sunday April 14, 2013*) made reference to Lambie and her team’ but the collaborative effort: ‘assistant been to brainstorm, record around with me to source m pouring rain, take turns driv treks to Maracas, accompan weekend to treat Girlie, mak numerous phone calls to the updates on Girlie, to hold a while I attended to Girlie and take an interest.” They are al St Augustine Veterinary Me



Prosthetic Limb for Animals in Caribbean

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■ 6 & 7

Mario Guidel of TTOP and Dr Lambie make a mould of Girlie's stump. His initial reaction had been hesitant but a night's sleep and a change of heart saw him willing to give it a try. This trip to Maracas was done the day after Ruben had been admitted to Mt Hope Medical for a serious infection. This mould was used to get the shape of the stump so as to make the prosthetic. When they were finished, they turned around to find a lot of onlookers – including Nicole's entire family!

■ 8

Girlie's prosthetic leg was made of 10 layers of carbon fiber and titanium. Here she is being fitted. There's a pink inner piece that holds it in place while the prosthetic is the black part. It would go back to TTOP for minor adjustments after the first fitting.



8



9

■ 9

It took Girlie just about 10 minutes to adapt to her new leg. Her speed may have been due to an enticing bit of grass that had hitherto been beyond her reach.

■ 10

The ones who made it all possible: Russell Boone, Richard Gonzales, Dr. Nicole Lambie, Mario Guidel. Together we did the seemingly impossible. Russell Boone is the owner/director of New Life Brace and Limb based in Houston, Texas. New Life is the parent company for Trinidad & Tobago Orthotics and Prosthetics Limited (TTOP) and he generously donated the company's first animal prosthetic. Richard Gonzales of TTOP made the brace and Mario Guidel was adventurous enough to accept a challenge.



10



11

■ 11

Girlie-Girlie, with her real owner 5 yr old Ruben Baptiste, out in a pasture where she's most happy. Dr Lambie is deeply appreciative of everyone who helped her to help Girlie, even if it was to make sure she had water when the family could not be there. Commitment and team effort resulted in this successful outcome. Girlie Girlie is doing well.

■ CAMPUS NEWS

Building with an Eye on the Future

In 2007, The UWI St Augustine Campus had some 15,000 students and 1,700 staff. Six years later, there are in excess of 19,000 students and 3,000 staff. A university is a living, breathing organism. It's forced to grow physically as the student population grows but it also grows organically to meet the needs of a maturing society.

Campus management pays close attention to quality standards and continually works to provide additional facilities and equipment for teaching, learning, research, student accommodation and recreation. The overall square footage of built space has increased by 30% to cater for these additional services yet every effort has been made to preserve the green space.

The UWI's Division of Facilities Management, led by Director **Suresh Maharaj** and Campus Projects Office, led by Senior Projects Officer **Alfred Reid**, had their plates full driving urgently needed capital projects to fulfilment. Here's a look at some of the major projects at the St Augustine Campus.

THE UWI SOUTH CAMPUS

Penal/Debe

Approximately 40.5 hectares (100 acres), in the vicinity of the Debe High School, has been identified for The UWI St. Augustine South Campus. The lands are part of a gently rolling green field site previously cultivated with sugarcane. It is bound on the east by the San Fernando/Siparia/Erin Road, on the west by Papourie Road and on the south by the M2 Ring Road. The campus area will occupy 24,050 sq. metres. An urgent need to find a home for the newly expanded Faculty of Law led to a decision to allocate the signature building project at the St. Augustine South Campus to the housing of the Faculty of Law. In this regard, facilities will be created to meet the needs of students most of whom will come from areas far and wide. These would include accommodation for 100 students, recreation areas, including playgrounds and hard courts; as well as pedestrian, parking and roadway facilities.



FAMILY DEVELOPMENT CENTRE

No. 32 St. John Road St. Augustine now houses both The UWI's Children's Research Centre and a new Family Development Centre

This new 2-storey building covers 665 square metres and accommodates administrative offices, a meeting/lecture Hall, library/research Room as well as offices for Research Fellows. The centre is designed to promote a greater understanding of the contexts, processes and diverse factors within families, communities and institutions that influence the growth and development, early education, health and general well-being of children and families in Trinidad & Tobago and other Caribbean communities.

STUDENTS' ACCOMMODATIONS

San Fernando General Hospital

Renovation of the existing three-storey building at the San Fernando General Hospital is done. Through the renovation, medical students with early and late clinical hours can now be accommodated in any of the 22 bedrooms.

Two lecture rooms, a general office, kitchenette, washroom and laundry facilities as well as parking spaces for 11 vehicles add to the practical and convenient educational experience. It permits for achievement of the learning outcomes, a mandatory requirement of the accreditation process.



■ CAMPUS NEWS

CANADA HALL OF RESIDENCE

Refurbishment & Renovations

Canada Hall of Residence was the first Hall of Residence constructed for the St. Augustine Campus in 1963 to accommodate 192 students. Primarily two 3-storey dormitory blocks, four rooms on each floor were converted to two kitchens in 1983, reducing the number of rooms to 168.

In spite of minor modifications in the last 50 years, the time was right for major refurbishment and renovation to upgrade the hall. Existing dormitories are being extended and renovated to conform to modern configurations for halls of residence. In the first phase, the South block is receiving an upgrade of rooms including a new lobby and common areas, new furniture and fittings (desks, beds, closets, book shelves). The same will be done to the North block beginning in the last quarter of 2013. Phase 3 involves construction of a new block to house 80 post graduate students and a residence manager.



ACADEMY OF NURSING

The team also completed renovation of the western building at the El Dorado Girls' Youth Camp. This teaching facility, which is part of the Academy of Nursing, can provide training to nursing students at a national level on par with international standards.

The existing building is a three-storey, reinforced concrete monolithic building with approximately 16,530 square feet of usable space. It has been retrofitted to provide administrative offices, laboratories, lecture theatres and tutorial rooms. In addition, the building was modernized with the installation of new communication infrastructure (telephone and internet).



SENIOR COMMON ROOM

Upgrade and Expansion

DFM has initiated a tender action process to convert The UWI's Senior Common Room into a convention centre with seating for 200. In addition to the conference hall, features will include handicapped ready male and female washrooms, kitchen space, office areas, a conference room, lobby area, janitorial space and outdoor terrace. The existing building will be reused with modifications to the structure, office space and washroom facilities.



STUDENT RECREATIONAL / STUDY CENTRE

Mt. Hope, Faculty of Medical Sciences

Construction works on this two storey building started in July 2012 and is now complete. The facility will accommodate study rooms, a computer lab and a meeting room. There is also a lounge, a gym and a minimart. The centre is expected to be fully functional later this year.



TEACHING & LEARNING COMPLEX

This multi-storey building includes 4 Lecture Theatres seating from 200 to 400 students, 2 Lecture Rooms seating 90 students each, 8 Tutorial/Seminar/Teaching Rooms seating 20 to 25 students each, Offices for the CETL and Specialized Biology and Chemistry Science Labs. The project is substantially complete with testing and commissioning of the services to go.



NEW SEISMIC RESEARCH BUILDING

The DFM is currently constructing a new building for the Seismic Research Unit. The new three-storey structural steel building has approximately 9,975 square feet of usable space and will improve the seismic monitoring operations of the Unit.

The importance of preserving the building and associated seismic equipment during and after a natural disaster meant that it was designed using the latest engineering codes and stringent seismic requirements. It is 80% completed and final finishes/fixtures are being installed. When completed, the facility would increase the efficiency and effectiveness of the monitoring, research and response to earthquakes, volcanoes and tsunamis. Beneficiaries would be the English speaking countries of the Eastern Caribbean who rely on this primary source of information during any one of the natural disasters identified above.

■ INTERVIEW

Keeping the beat through Transformation and Beyond

For the new Registrar, Richard Saunders, it's a bit like returning home but on the other side of the fence. In his undergraduate days as an engineering student, he served as vice president of the Guild of Undergraduates. Another big change for The UWI graduate is the current tertiary education environment.

'Fifty years ago, UWI was the only tertiary academic institution in Trinidad & Tobago. Today The University is being challenged to operate in a new competitive environment with more than 10 other institutions providing educational options.'

Immediately prior to coming back to St Augustine, Saunders was Managing Director of a local firm involved in property development, project management, real estate and design/build of recreation and sporting facilities. In addition to his BSc, Engineering from The UWI, he completed an MSc in Electronic Instrumentation at the University of Wales, Swansea. All of his interests, experience and expertise come together to fit him for the role of Registrar who is, in effect, a university's chief operating officer.

A chief operating officer's job is no easy task and even more so in face of today's challenges: 'The UWI has to reduce reliance on state support and expand private and corporate donations, strategically manage endowments, as well as generate revenues from research opportunities. These shifts, he says, decisively redefine the role of The University's administrative officers, who must become engaged in more active and strategic management of the institution.'

A student population of 19,000, averaging 4,000 undergraduates and 2,000 graduates annually, translates into very many student transactions happening at any point in time. He is very aware that the administrative personnel share responsibility with the Faculty for the experiences in higher education and have an important support function in helping to ensure excellence in the educational experience. 'Administrative personnel must therefore work with the academics and lead in efforts to better serve our students, our communities, the Caribbean and our global society.'

Saunders' training makes him analytical, his experience in management makes him aware that while The UWI is embarking on an exciting period to make it 21st century ready with a global reach, the transformation must be carefully planned and executed. 'The UWI is a laboratory of cultural diversity, representative of the Caribbean. We have to work in teams but remotely. At the same time we

are setting a framework to produce a graduate who can be a good player in any market.' He has a list of things needed to fast track The UWI St Augustine into an internationally recognised university of choice: new and more flexible learning spaces, online information and library services, widely accessible computing facilities, wired residence facilities and an increasing array of lifelong learning programmes and services, are just a few of the items on his wish list.

This ambitious agenda is aimed at positioning The UWI to attract students from a wider pool, penetrating the ACS countries, beginning with Guyana, Suriname and Curacao. 'The University has no choice but to adapt to the changing environment. It must become market and value driven to survive. We need therefore to review our relationship with our students, visitors, retirees, alumni, donors, policy makers and the general public.'

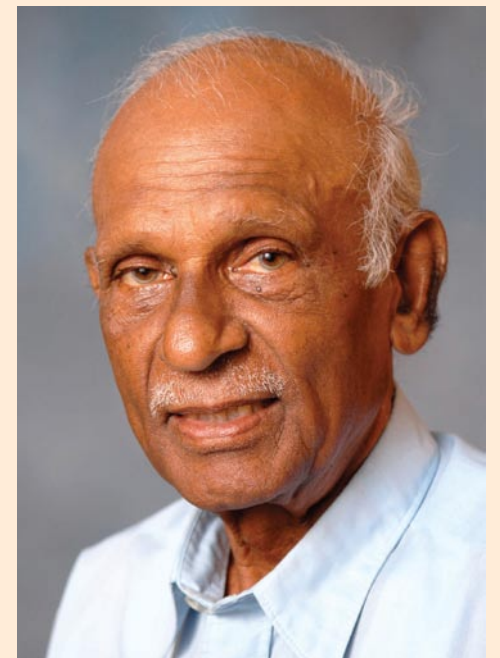
Employee engagement assumes vital proportions in this scenario. The goal: to build a sense of ownership, of team, of One Caribbean. The UWI is a regional institution, not four separate campuses and the thinking as well as the action must reflect that thrust. Saunders indicated that well developed leadership capacities are essential in any organization. However, he noted, the leadership challenges in higher education are more complex and difficult than in the private sector.

'In the private sector reporting lines are clearer, you know you are pursuing profits and the revenue objectives are more clearly defined. People in leadership roles in the private sector have ways of incentivising their staff and sanctions

to motivate and encourage change, advancement and innovation. Leadership in the University environment is more challenging. You must be prepared to engage in collaboration and ensure all are consulted and involved to avoid resistance to implementation.'

Saunders draws on his pan playing days to make an analogy: 'in an organisation like this, a lot of things happen at the same time and you have to keep your focus – which is the job of the rhythm section in a steelband. The people of the Registrar's office are the rhythm section of The UWI; we'll keep the beat through transformation and beyond.'

Remembering Professor Emeritus NAZEER AHMAD



On June 8th, The University laid to rest in its cemetery a man who had been an intrinsic part of its history and had been one of the few surviving Associates of the Imperial College of Agriculture (AICTA). Professor Emeritus Nazeer A. Ahmad of the Department of Food Production in the Faculty of Food and Agriculture was born in 1932 in what was then British Guyana. An undergraduate from 1949-1952 (DICTA), then a postgraduate student (AICTA) from 1952-1953, he went on to do his MSc in Canada (Mc Gill University and the University of British Columbia) and PhD in the UK. In 1957 he took up the position of Agricultural Chemist and Head of the Division of Soil Science in the Ministry of Agriculture in his homeland of Guyana.

In 1961, Professor Ahmad returned to Trinidad & Tobago and assumed the position of lecturer at The UWI. He became a Professor of Soil Science in 1969 and was a Canada Hall warden for a number of years, mentoring many students from across the region.

Professor Ahmad's work in Tropical Soil is internationally acclaimed. He was awarded the Inter-American Institute for Cooperation in Agriculture (IICA) Gold Medal for his contribution to research in Soil Science in the Caribbean and Latin American region. The University family, past and present, mourns his passing.

A Professorial Journey in Wild Meat and Neo-tropical Animal Production

BY CHRISTINE NANTON

Agouti, lappe, deer, manicou, wild hog and iguana: each name undoubtedly evokes a different image depending on whether you've eaten Trinidad & Tobago wild meat or not. Like it or not, wild meat forms a major part of Trinidad & Tobago's cultural culinary landscape.

Classified as "Neo Tropical" animals, the demand has been steadily growing and there is the belief that commercial wild meat production has immense economic potential since Trinidad & Tobago leads the way in Neo-tropical Animal Conservation, Management, Production and Utilization in the Caribbean. Professor Gary Wayne Garcia is one who holds that belief.

In 1992 Professor Garcia began his study of the natural fauna that lives not only in Trinidad & Tobago, but also in the surrounding Caribbean and Latin American countries. Along the way he developed a high level of understanding about these animals and the threats that exist to their long-term survival due to human pressures. In his Professorial Inaugural Lecture, he outlined how the wild/non-domestic (neo-tropical) animals in Trinidad & Tobago's backyards and natural environments became the motive force and transportation mechanism for his professorial journey. He summarised important and novel outcomes from this knowledge acquisition adventure.

The first outcome was the establishment of the largest Agouti (*Dasyprocta leporina*) production unit for scientific purposes, since 1996, initially self financed and now operationally supported by students and On the Job Trainees. Located at the Wildlife Unit at The University Field Station, it houses a living collection of seven Agouti (*Dasyprocta leporina*) genotypes [white, brown, black, gold, brown with a golden rump, white with a golden rump and brown with white feet] thus challenging the existence of 11

species within the *Dasyprocta* genus.

He later developed "A Conceptual Framework for the development of Intensive Production Models for Neo-tropical animals" [1998] and the establishment of the "Open School of Tropical Animal Science and Production" [2001]. His Intensive Agouti (*Dasyprocta leporina*) production model revealed the following:

- Females began to cycle about 15-23 days after giving birth and while milking or lactating
- There were 3 parturitions/annum [a parturition interval of about 127 days]
- Up to 3 live offspring per litter
- While litter sizes were up to 5, only 3 survived
- All 8 mammary glands were functional
- Year round breeding

This work also reported the first method for live semen collection and evaluation from the male Agouti (*Dasyprocta leporina*), the pioneering of Agouti (*Dasyprocta leporina*) semen preservation techniques and the pioneering efforts to train the male Agouti (*Dasyprocta leporina*) for live semen collection without sedation. An award of a Ph.D. in Livestock Science by The UWI to Dr William Martin Mollineau, under the supervision of Professor Garcia and Professor Andrew Adogwa from the School of Veterinary Medicine, was a fitting culmination to this research.

Professor Garcia has suggested a sustainable way forward for "Animal Production in the Caribbean", linking conventional domestic animal and food crop production systems with neo-tropical animal production, involving the need to develop harmony between neo-tropical animal wildlife conservation, management, production and utilization.

- *Matching the Animals with the Available Feed Resources* (Thomas Reginald Preston; pdf)
- *Matching the Available Animals (including Neo-tropical Animals) with the Available Feed Resources* (Gary Wayne Garcia)

The packed audience at his professorial lecture learnt that his international network assisted in the establishment of a semi-commercial Collared Peccary [*Tayassu tajacu/Tayassu pecari*] production unit in Santa Cruz, Trinidad & Tobago, with financial support from the French Government through INRA Antilles-Guyane. This collaboration helped in the establishment of 5 semi-commercial Collared Peccary [*Tayassu tajacu/Tayassu pecari*] production units in French Guyana.

His commitment to the indigenous fauna of Latin America and the Caribbean led to collaboration with CXC and CAPE and the eventual introduction of "Neo-tropical Animals and Neo-tropical Animal Production" into the CXC School Syllabus; it also resulted in a BA in Agricultural Education Programme at the University of Trinidad and Tobago (UTT). Further, he established working and publishing collaborative linkages with colleagues researching Neo-tropical Animals in Latin America such as EMBRAPA (Belem, Brazil), Universidade Estadual de Santa Cruz (Bahia, Brazil), Universidade Federal do Para (Para, Brazil), University of Suriname, INRA (Martinique, Guadeloupe and French Guyana) and Iquitos (Peru). It was because of his vast experience, expertise and prior educational collaboration with the South Eastern Hunters Association that Professor Garcia contributed on behalf of The UWI, in the Consultation on the Draft Wildlife Bill.

Last May in Argentina he made a pitch, entirely in Spanish, for The UWI to host the 11th Conference on Amazonian Wildlife (XI CIMFAUNA) in August 2014. The unanimous vote of approval means that, for the first time since its inception in 1992, this hemispheric conference will be held outside of Central and South America. In effect, this conference will serve to position Trinidad & Tobago as the leaders in wildlife production for food security and as a conservation tool.

Professor Garcia hopes to establish in Trinidad & Tobago the first Centre for Neo-tropical Animal Production and Conservation.

Professor Gary Garcia teaches courses in Livestock Products Technology and Tropical Animal Science in the Faculty of Food and Agriculture and in the School of Veterinary Medicine, UWI. He has produced books on the Agouti and the Collared Peccary, which were self published courtesy of The UWI Credit Union. Professor Garcia's Lecture, "From Wild to Semi-domesticated: Neo-tropical Animals and a Professorial Journey", on May 16, ended the Professorial Inaugural Lecture Series at The UWI St. Augustine for the academic year 2012-2013. The series resumes in the new academic year in September.



"Professor Garcia hopes to establish in Trinidad & Tobago the first Centre for Neo-tropical Animal Production and Conservation."

Christine Nanton, who has a degree in Media & Communications from The UWI Mona, is a Marketing & Communications Officer at the St. Augustine Campus.

It's About Making Changes

Janadi Gonzales-Lord, UWI alumna, is a teacher at Bishop Anstey High School East. It was there that she took note of a hearing-impaired child who was isolated, almost invisible, and unable to participate fully in the rhythms of the school. She took note and took action.

They were 11 and 12 year old girls at the time - newly minted from primary school. They learned through the dedication, diligence and caring of their teacher that they could be instruments of change for the better.

With her students and members of the community, Gonzales-Lord developed a specialized science curriculum by using Microsoft technology to create interactive, accessible learning activities. According to the young chemistry and integrated science teacher, they brainstormed ideas for a science project that would incorporate content accessible to children of all abilities. A key learning objective, she said, was to help students better appreciate the challenges that people with hearing disabilities face each day while promoting the importance of inclusiveness for all learners. It helped that the school already had a culture of everyday use of computers so she was able to take advantage of software-based accessibility tools with which the students were familiar.

During the 2011–2012 school year, Gonzales-Lord and her students devised a project called “*The Solar System: Reaching for the Stars*” and, in collaboration with students

from the Cascade School for the Deaf, developed activities and learning assessments. In the first phase, they built a planetarium bringing the planets in the solar system to life and created video journals, chronicling the journeys of their peers through the planetarium. Next, the students invented a video game which teaches hearing impaired as well as hearing students about the solar system. Instructions are in sign language and written form. Finally, the project focussed on assessing performance against key learning objectives, again using a number of Microsoft technologies.

She contacted the Touch of Christ Community for the Deaf and arranged sign language lessons for the students of the five participating form ones and realized that it turned out to be less about sign language and more about learning about the deaf culture.

At Microsoft’s Latin America and Caribbean Partners in Learning Innovative Educators Forum, in Lima, Peru, last September, she walked away with first place in the category of “Innovation in Difficult Circumstances.” Gonzales-Lord notes: “*My students knew they were solving a real life problem that many students face every day. It made them try even harder; staying up nights, over and beyond studying from a book to make this a reality. If I had told them to go and memorize the planets, they would do that but it would mean nothing to them. But they will never forget this project—it*

was more than just learning about the solar system. This was about making changes.”

Microsoft brought together more than 500 of the most innovative teachers, education leaders and government officials from 80 countries in Prague last November. She was amazed at the global impact of her project, changing her view of the education process:

“Seeing what other countries face in terms of minimal resources, gender bias in terms of freedom of choice to be educated, war conflicts among other things made me realize how lucky we are in Trinidad & Tobago and how much we take for granted especially in the field of education. We complain but many countries really have much less than we do but are able to use the little they have to effect great change.”

Her project was used as the basis of a case study for accessibility uses of Microsoft products and she plans to pursue research in game based learning especially in the areas of science, improving male learning and improving learning for the differently able.

“Being part of the Post Graduate Diploma in Education programme at The UWI has given me hope since many teachers in the programme really try to make a difference in students’ lives. I remain hopeful and guardedly optimistic that change will come soon and that I will be a small part of that change.”

“Being part of the Post Graduate Diploma in Education programme at The UWI has given me hope since many teachers in the programme really try to make a difference in students’ lives.”



Building the Planetarium
PHOTO: STUDENTS OF
BISHOP ANSTEY EAST

CAMPUS NEWS

Psi Chi at The UWI

In 1929, at a time when psychology was still young, the Psi Chi Honour Society in Psychology was formed at the 9th International Congress of Psychology at Yale University in New Haven, Connecticut. More than eight decades later, Psi Chi has come to St. Augustine.

Its founders envisioned Psi Chi as a way of encouraging, stimulating and maintaining excellence in scholarship while advancing the science of psychology. This was summarised in two Greek words that became their motto: *Psyche Cheires*. *Psyche* suggests the mind or scholarship and enrichment of the mind. *Cheires*, meaning hands, stands for fellowship and research. *Psyche Cheires* expresses cooperation in the investigation and cultivation of the mind.

Establishment of a Psi Chi Chapter at the St. Augustine Campus is a bit of a coup, considering that Psi Chi only went international in 2009! Psi Chi has chartered about 1,100 chapters at colleges and universities, 10 of which are considered international and are found in Canada, Ireland, New Zealand and the Caribbean. The UWI St. Augustine Campus therefore represents one of a select number of international higher education institutions that have gained entry into this Society.

It's more than that though. Membership opens up unprecedented funding and research opportunities for eligible psychology students at all levels of study. The lifetime membership status provides students with immediate international recognition for their academic excellence (a minimum cumulative and psychology GPA of 3.0 is required for eligibility). Through the sense of community among local, regional and global members, Psi Chi membership facilitates leadership development and student research by providing over US\$300,550 in awards and grants. Active members may hold office and vote on issues of societal

importance to Psi Chi, as well as attend regional and societal annual psychology conventions. Students are also given the opportunity to develop their publication record through submissions to the Society's academic journals.

On March 21, the Department of Behavioural Sciences, in collaboration with the ANSA McAL Psychological Research Centre, hosted the Installation and Inaugural Induction Ceremony of The UWI St. Augustine Campus Psi Chi Chapter.

Psi Chi Faculty Advisors, Dr. Derek Chadee, Head, Department of Behavioural Sciences, and Dr. Jannel Phillip, faculty member of the Department's Psychology Unit led the historic induction ceremony of 40 undergraduate, postgraduate and alumni members who pledged to accept Psi Chi's standards and purposes as their own. Inductees were selected by the Faculty Advisors for their excellence in scholarship and promise in the field of psychology. Each new member was presented with certificates and membership cards from the Psi Chi Central Office and signed the Chapter Registration Book as evidence of membership.

Through videotaped welcome messages, Professor Jason Young, Psi Chi Society President, and Professor Martha Zlokovich, its Executive Director, encouraged the latest members to apply for research grants and chapter awards.

Psychology, as a discipline at the St Augustine Campus, has seen a tremendous growth spurt in the last 16 years. A significant increase in registered students for the programme and the need to expand curricula made it necessary to create a distinct Department of Psychology, a vision not far from realization.

This successful launch of a Psi Chi Chapter means that The UWI is responding to the forces of globalisation and establishing a competitive advantage in the diverse market of tertiary education.

Psi Chi is a member of the Association of College Honour Societies and is an affiliate of the American Psychological Association and the Association for the Psychological Science. On April 11, the Chapter elected its first serving officers – President, Nikita Ng Ying; Vice President, Leekeesha Duncan; Secretary, Xavio Julien; and Treasurer, Je Line Garcia. The new president has a BSc Psychology (First Class) from the St Augustine Campus and an MSc in Clinical Psychology (Dist) from the Faculty of Medical Sciences. She is currently enrolled in the PhD Psychology programme at The UWI St. Augustine Campus, with a specialization in Social Psychology. For further information, please email: Nikita.NgYing@sta.uwi.edu or visit www.psichi.org.

What does Costing have to do with HIV?

For four days in March, 50 persons huddled together in workshop setting being trained on Costing with a focus on HIV programmes.

They were all senior policy and technical officers from Ministries of Health or national AIDS programme co-ordinators and represented 17 countries in the English and Dutch-speaking Caribbean.

Collaborators from The UWI's HEU, Centre for Health Economics, the USAID Health Policy Initiative and the Pan American Health Organization (PAHO) pooled their technical, financial and administrative resources for this capacity building/train-the-trainers Workshop. Experts in the field, including the Caribbean Health Research Council/CARPHA, conducted sessions



From L: Dr. Anton Cumberbatch, HEU Technical Advisor; Errol Simms, Dean, Faculty of Social Sciences; Dr. Steven Forsythe, Project Director, Futures Institute; Dr. Althea LaFoucade, HEU Assistant Coordinator

that were a balance between theory and practice. There was also "hands-on" use of the Spectrum tools.

The Costing Workshop exposed them to the Spectrum Model, a model developed and maintained by the Futures Institute out of the United States of America. The Model is a suite of easy-to-use tools that provide policy and decision-makers with critical information so as to make informed decisions. It consolidates earlier versions of individual tools into an integrated package of components with the capability of projecting impacts, resource needs and costs and can play a pivotal role in supporting programmatic and national goals by guiding meaningful responses to the HIV epidemic. The Caribbean joins countries - Lesotho, Mozambique, East and West Africa, South and Southeast Asia, Latin America - which have benefitted from capacity building activities in the Spectrum Model.

While the primary focus is on the impact and costs of HIV/AIDS interventions, the tools are applicable to the wider health system. The results give a better understanding of the epidemic and the associated costs of interventions, allowing planners to make more informed decisions on the allocation of resources while keeping an eye on financial sustainability. Decision-makers can better determine the optimal level of funding to attain strategic goals, what is achievable using available resources and the impact of alternative injection of resources on goals and costs.

On a broader level, participants dealt with the importance of strategic planning in the modern health environment, assessing and identifying gaps in the health system as key components of the planning stage. The basics of costing and economic evaluation in health were also outlined from the perspective of linking health costs to associated benefits.

An Award for EDUCATION!



Professor Clement Sankat receives an award for education from Chanka Seeterram, President of The Hindi Foundation of Trinidad and Tobago. Other executives look on. PHOTO: ANEEL KARIM

"East Indian culture is deeply interwoven into the Trinbagonian society, easily identifiable everywhere – in food, language, music, dress, names, art and many other forms of culture"

Professor Clement Sankat continued making the point that *"East Indian culture has therefore contributed and continues to contribute significantly to our colourful tapestry in Trinidad & Tobago as we enjoy a rich fusion of peoples from all over the globe – from India, Africa, Europe, China and the Middle East among others."*

He was speaking at an Awards Ceremony by the Hindi Foundation of Trinidad and Tobago on being selected as its 2013 award recipient for education. The organisation recognised that, in addition to strengthening ties with India at the national level, as Principal of The UWI St. Augustine Campus, he has been moving to deepen and expand cooperation with India and in particular with Indian higher education institutions.

Indeed, The UWI has been moving to deepen and expand cooperation with nations through collaboration with higher education institutions and other agencies. This year, The UWI St. Augustine welcomed three Chairs funded by the Government and People of India: a Chair in History; a Chair in Ayurveda Medicine; and a Chair in Hindi. A contingent from The UWI will also return to India in August for the **UWI Discovers** academic series, which provides academic immersion experiences while exploring the BRIC countries.

The award was made as part of the Hindi Foundation's 168th Anniversary celebrations of Indian Arrival in Trinidad & Tobago.

UWI CALENDAR of EVENTS

JUNE TO SEPTEMBER 2013

GROWING SECURITY

June 30–July 6
Hyatt Regency
Port of Spain

49th Annual Meeting of the West Indies Agricultural Economics Conference, “**Agribusiness Essential for Food Security: Empowering Youth and Enhancing Quality Products**” in co-operation with the Caribbean Agro-Economic Society, the Caribbean Food Crops Society and the International Society for Horticultural Science.

For more information, please contact Hazel Patterson Andrews at 662-2002 ext. 82445/82308 or via e-mail at info@caestt.com or caesconference@gmail.com.

THE RULES OF THE GAME HAVE CHANGED: RESPONDING TO THE NEW DYNAMICS IN HIGHER EDUCATION

July 11–13
Hilton Rose Hall Resort & Spa, Montego Bay
12th Annual Conference of the Association of Caribbean Higher Education Administrators (ACHEA).



For more information, please email achea@sta.uwi.edu

THE UWI SEISMIC RESEARCH CENTRE S3 MALL TOUR

July & August

Sixty years of science and safety: The UWI Seismic Research Centre is rolling through shopping malls across Trinidad & Tobago during July and August. Get information on earthquake and tsunami science and safety at the Roving Display.

Contact the SRC at 662-4659 or visit www.uwiseismic.com for schedule. Ask about their Open House days!

ENTREPRENEURSHIP BOOT CAMP

July 1–6
The UWI, St. Augustine Campus

The UWI in collaboration with the National Entrepreneurship Development Company Limited and the Entrepreneurial Training Institute & Incubation Centre will host the second Entrepreneurship Business Training Series, “**Entrepreneurship Boot Camp**”. The boot camp will assist graduates in developing entrepreneur-type attitudes and focus on the significant contributions of small and micro-enterprise economies to economic diversification, building a self-sustainable economy as well as a wide range of business concepts, real life challenges, failures and successes of the entrepreneur.

For more information, please contact the Office of Institutional Advancement & Internationalisation at 662-2002 ext. 82681 or register online: <http://sta.uwi.edu/ebc/>.

WOMEN IN LEADERSHIP CONFERENCE 2013

July 12
The Hilton Trinidad and Conference Centre
The Arthur Lok Jack Graduate School of Business hosts the “**Women in Leadership Conference**”, featuring Libby Gill - author, leadership and business coach and CEO.

For more information, please email conferencing@lokjackgsb.edu, or contact 645-6700 ext. 299.

ACADEMIC IMMERSION – INDIA

August 1–21

Be immersed through *UWI Discovers* in all contemporary aspects of the global powers of the BRICS countries - Brazil, Russia, India, China and South Africa. The second *UWI Discovers* tour, led by Professor Kapil Kumar, Professor at the Indira Gandhi National Open University, Delhi, leaves for India on August 1 for three weeks. 11 cities; 21 days! Included is an orientation session with a basic language introduction.

For more information, please contact Candace Guppy at 622 2002 x 84184; 224 3708; discoverindia@sta.uwi.edu or visit <http://sta.uwi.edu/discover/india2013/index.asp>

CRAZY FOR YOU!

July 4–July 7
Queen’s Hall

What happens when the heir to a New York banking company who secretly dreams of life on stage is sent to Deadrock, Nevada, to foreclose on the tiny town’s only theatre? *Must Come See Productions* presents the Gershwin comedy classic. Specials for families, couples, school children and seniors

For more information, please contact Jessel Murray at 662-2002 ext.2013/2014 or Jessel.Murray@sta.uwi.edu; info@mustcomeseesee.com

1ST INTERNATIONAL RAMLEELA CONFERENCE

July 12–14
UWI Learning Resource Centre
Co-hosted by The UWI Faculty of Humanities & Education and the National Ramleela Council of Trinidad & Tobago Inc



For more information, please contact Rawle Gibbons at Rawle. Gibbons@sta.uwi.edu

INAUGURAL HUMAN COMMUNICATION STUDIES INTERNATIONAL CONFERENCE 2013

‘**CELEBRATING THE CARIBBEAN IN COMMUNICATION, CULTURE AND COMMUNITY**’

September 26–27

Call for Papers: Abstracts by June 30;

Full Papers by August 15

Celebrate the works of Stuart Hall, Aggrey Brown and others; celebrate the Caribbean in the verbal and nonverbal communication of its artists in word, music, dance and movement, and theatre in our creative, cultural and communicative spaces. Afterwards, you are invited to submit your conference papers to an international panel for peer review for a proposed publication, *The Human Communication Studies Journal* in 2014.

For more information, please contact, humancommconference2013@sta.uwi.edu or contact the Department of Literacy, Cultural and Communication Studies, UWI St. Augustine

MANGO CONFERENCE

July 5, Chancellor Hotel

MANGO FESTIVAL

July 7, The University Field Station

Hosted by the Network of Rural Women Producers and The Faculty of Food and Agriculture, the Ministry of Food Production and Inter-American Institute for Cooperation on Agriculture, both the Conference and the Festival will show that research and development are the basis of success of the mango industry at the producer and commercial level.

For more information, please contact Chanelle Joseph at chanelle.joseph@sta.uwi.edu; 662-2002 ext 83277

CRITICAL SEXUALITY STUDIES: THEORY AND PRACTICE

Institute of Gender and Development Studies (IGDS)
July 9–August 2

The 4-week course is created by the Caribbean International Resource Network in collaboration with The UWI IGDS St. Augustine Unit and supported by The Ford Foundation and the International Association for the Study of Sexuality, Culture and Society (IASSCS).

SEXUALITIES IN THE TENT: PATRICIA GONE WITH MILLICENT MEETS VS NAIPAUL, A QUEER TRINIDADIAN

July 13, 10.00 am–2.00 pm
Old Fire Station, NALIS, Port of Spain

Celebrate Caribbean lives and loving through calypso and stories - a 2-day event looking at Caribbean sexual citizenship.

For more information on the two events above, please contact IGDS at 868.662.2002 ext.83577/83573 or via email: igds@sta.uwi.edu; <http://sta.uwi.edu/igds/> <http://www.facebook.com/IGDSSStAugustineUnit>

UWI TODAY WANTS TO HEAR FROM YOU

UWI TODAY welcomes submissions by staff and students for publication in the paper.

Please send your suggestions, comments, or articles for consideration to

uwitoday@sta.uwi.edu

