

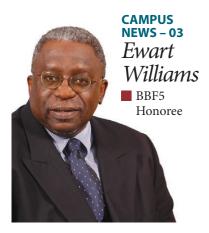
THE UNIVERSITY OF THE WEST INDIES - ST. AUGUSTINE CAMPUS



SUNDAY 26TH MAY, 2013



St Augustine Campus has the exclusive on the BA in Carnival Studies - a mix of arts entrepreneurship, cultural & events management, cultural studies research & practice and carnival arts design. See Page 6 PHOTO: KENWYN MURRAY









CAMPUS NEWS

EWART WILLIAMS 2013 BBF Honoree

There was an international gathering of business, finance and academic attendees at the 5th Biennial International Business, Banking and Finance Conference on May 2 and 3 at The UWI. It was also the occasion when Ewart Williams, a Distinguished Alumnus, was recognised as that Conference's Honoree.

Mr. Williams, who graduated with a Bachelor of Science degree in Economics from the St Augustine Campus, was later a member of the first graduating class in the Master of Science in Economics Programme, again from St Augustine.

In a 30 year career at the International Monetary Fund, Mr. Williams rose to the level of Senior Advisor/Deputy Director, Western Hemisphere division. He led IMF missions to several countries in Africa, Latin America and the Caribbean. More specifically, he was the mission leader that negotiated one of the stand-by arrangements with Barbados in the 1980's and served as the Mission Chief to Mexico during the Mexican Financial Crisis of the mid-1990s. In 2001, he was the main architect of the Caribbean Regional Technical Assistance Centre (CARTAC), established by the IMF and other multilateral and bilateral agencies to assist the region in capacity building in public finance, banking and statistics.

Mr Williams, Chairman of The UWI St Augustine Campus, is also a former Governor of the Central Bank of Trinidad & Tobago. During his tenure, he spearheaded significant achievements for that institution. Noteworthy among these are the Bank's improved capacity for economic research and support for monetary policy and the shift to a more market based monetary policy framework based on the repo rate. Mr. Williams also ensured the strengthening of financial supervision through the introduction of new statutes and amendments to existing legislation and financial infrastructure such as the electronic payments system. Mr. Williams' tenure culminated with the re-introduction of the \$50 note in commemoration of the 50th anniversary of independence.



Ewart Williams (2nd right) admires his painting. (From left) are Department Head/Economics Lecturer Martin Franklin, Principal Clement Sankat and Errol Simms, Dean of the Faculty of Social Sciences

FROM THE PRINCIPAL

Take Back Our Children



We have just marked Mother's Day and in a few weeks we will celebrate Father's Day. Both are meant to recognize the important role played by parents in the family unit and in society. As we pay tribute to their invaluable contribution to family development, I am at the

same time concerned about the pressures faced by many families in today's society and the urgent need for families to inculcate the right values in our children so that they can lead successful and fulfilling lives.

Like many across the globe, our society is grappling with a growing number of issues substance abuse, domestic violence, gang activity, divorce, peer pressure, bullying, to name a few - and the psychological effect these are having on our young people, often negatively affecting their performance in school and, later, in the world of work.

As Principal of a Campus with more than 19,000 students, male achievement in education is of primary concern to me. I see this as directly linked to addressing broader societal issues and the health of our families and of our nation. This concern calls on us to focus on the importance of positive family values - love, respect, discipline, mentorship, togetherness - and a community approach to raising our children. Our society must come together to protect our children, to encourage them to be excited about education and to have a thirst for knowledge beyond studying to pass exams.

Based on our own data and analysis, our young males, in particular, seem to be losing interest in pursuing higher education. More and more they seem to be underrepresented in education but overrepresented in criminal activity. This is cause for grave concern since it will affect not only the demographics of our schools, universities and workplaces but ultimately the dynamics of human relations in our society. It is our collective responsibility to fix this.

At The UWI, we are questioning these issues and looking at creative ways to attract more male students to university life. Be it through new types of academic programmes with strong practical and application components, new technology-intensive modes of course delivery or the integration of social media, Caribbean music or sports, we must bring our sons back to education. Our society needs them; our families of the future depend on them.

One of the projects funded by The UWI - the Trinidad and Tobago Research and Development Impact Fund - is examining the issue of at-risk youth in schools through targeted interventions involving psychological testing as well as individual and group counselling. In June we will host an At Risk Youth Conference to share the findings of this research, propose strategies to reduce violence in schools and present a preliminary White Paper that makes specific recommendations for strengthening national policy and legislation on this issue.

As an educator, I believe that a large part of the rescue effort must take the form of helping young males understand the value of knowledge, the difference between memorization and learning, the importance of investing time and effort in one's own development, appreciating education in its broadest sense, and in having to make sacrifices in order to achieve set goals. Certainly, what is often presented on television as overnight success, does not happen overnight.

No matter your socio-economic background, access to quality tertiary education (as we have in Trinidad and Tobago through the GATE facility) can transform young people's lives forever. We need our mothers and fathers to support our efforts as a university and help 'take back our children', particularly our young males, and reclaim them from the lure of 'the fast life' and 'quick money'. We need to instil good values and nurture a generation of respectful citizens who are committed to building a country of which we can all be extremely proud in years

CLEMENT K. SANKAT Pro Vice Chancellor & Principal

EDITORIAL TEAM

CAMPUS PRINCIPAL

Professor Clement Sankat

DIRECTOR OF MARKETING AND COMMUNICATIONS

Mrs. Dawn-Marie De Four-Gill

DIRECTOR OF MARKETING AND COMMUNICATIONS (Ag.)

Mrs. Wynell Gregorio

EDITOR

Mrs. Maria Rivas-McMillan

ACTING EDITOR

For the period from 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.



People around the world drew back in horror at the clandestine mixing of horse meat with other types of meat in some parts of Europe. This raised a number of ethical issues about the rights of consumers to make fully informed choices regarding what they eat and about the safety of horse meat for human consumption. Here in Trinidad & Tobago, horse meat has for several years been advertised by Carnival fete promoters as an exotic item on the menu in the hope of differentiating their event from the rest.

Four graduate students of Bioethics in a course lectured by Prof Dave Chadee – Kerresha Khan, Hema Ramdial, Maurice Rawlins and Akilah Stewart – posed a question: 'is the meat in fact safe to eat?' Armed with their videographer Somdutt Bhaggan, they set out to determine the bioethical issues surrounding the consumption of horse meat in Trinidad & Tobago, where the horse meat scandal is not quite a scandal.

In recognizing that horse meat is increasingly being consumed by the national community, the team of bioethicists used surveys, key informant interviews and review of secondary sources to gather their information. Their quest took them to popular street food areas in Valencia and St James where they learnt that geera horse and hops was usually sold on a Friday night or Saturday morning. There was even a lead for a horse meat vendor in Petit Valley. Horse meat was apparently not difficult to come by, if you knew the right people.

A survey showed that the largest proportion of horse meat eaters were in the 15 to 25 age bracket. Indeed, 7.9% females versus 45.1% males had consumed horse meat

previously. A similar pattern existed for those willing to try horse meat: 22% of females versus 65% of males were willing to consume horse meat.

Interestingly, the most popular reasons given for not consuming horse meat were the fear of steroids and painkillers or because of a sentimental attachment. To the others who consumed horse meat, it was 'just meat'.

Problems identified by the team concerned the potential human health issues due to consuming horse meat and the treatment of the animals themselves. There was some indication that one painkiller, *phenylbutazone*, which was found to be associated with cancer in humans, is still used as a painkiller for horses. Since most consumers were not aware of the source of the meat they ate, it was quite uncertain whether the recommended 3-6 month

period for horses to be off all medical treatments prior to slaughter, was upheld.

The UWI bioethicists noted that horses in Trinidad & Tobago are not reared for human consumption, in which case there would be oversight on the chemicals administered. Too often respondents made the comment that "since horsemeat isn't commonly consumed, it shouldn't be too much of a worry!" The bioethicists countered with 'how many times do you really need to consume chemically treated horse meat to be affected by it? Just once may be enough to trigger allergic reactions to these chemicals.'

Ultimately, they say, it is up to each individual to make an informed decision on what they consume or, as the saying goes, caveat emptor (buyer beware)!



Police Mounted Branch and The UWI Biological Society Horse Riding Exercise on the campus where questionnaires and key informant interviews were carried out. PHOTO: AKILAH STEWART

"Horse meat has for several years been advertised by Carnival fete promoters as an exotic item on the menu in the hope of differentiating their event from the rest."

UWI ST. AUGUSTINE SOUTH CAMPUS, PENAL/DEBE

The Penal/Debe South Campus represents a major expansion of the St. Augustine campus to the southern part of Trinidad. This first phase will include accommodations for the Faculty of Law, a Campus Library, a General Academic/Administration Building, Student Union Building, Students' Halls of Residence and Playing Fields. Completion is expected in the academic year 2014/15.

PHOTOS: ANEEL KARIM





The Making of a Mas Entrepreneur

An undergraduate degree in Carnival Studies, you say? Well, why not? Trinidad & Tobago is after all the Mecca of all things Carnival – from the music to the mas and the fetes that usher it all in. We're the 'go to' people for Carnivals globally and our designers and band leaders can be found wherever there is a Carnival.

It's only fitting therefore that the St Augustine Campus should have the exclusive on the BA in Carnival Studies. It's the only programme where students pursue a mix of studies in arts entrepreneurship, cultural and events management, cultural studies research and practice and carnival arts design. It provides those strong linkages and practical engagement with creative enterprises and offers a classroom experience in which students are exposed to a range of disciplines: communication studies, theatre, visual arts, film, economics, tourism and hospitality and engineering. And that's just the tip of the iceberg.

For almost two decades, the Department of Creative and Festival Arts, through its Carnival Studies Unit, has given focus to developing the human resource capacity within the masquerade industry and the wider cultural economy of the Caribbean. The end result is a degree that prepares graduates for engagement in the Carnival and Creative industry as leaders in innovation, cultural research and festival management.

In the final year, students have to undertake a year-long Festival Project, their own arts-based, multi-disciplinary project. In fact, according to Dr Jo-Anne Tull, Co-ordinator of the Carnival Studies programme, many student projects emerging from this course have become business models, events, community projects in their own right beyond their final year assessment. A strong reinforcement of the Festival Project is Festival Management which exposes the student to events and festival management (planning, marketing, market research, financial planning, audience development, event staging, and impact assessment). The final course that achieves the Carnival Studies Degree programme is the



Student Susan Keyl has her head piece design fitted by Chaconia awarded craftsman Narcenio Gomez PHOTOS: KENWYN MURRAY

Economics of Copyright' which is designed to take students beyond the legal framework of copyright and expose them to the political economy of copyright, highlighting the dynamic nature of the topic and how it impacts on the creative Industry.

So if you want to go beyond the mas playing and the mas making to become a mas entrepreneur, then contact Dr Jo-Anne Tull, jo-anne.tull@sta.uwi.edu 663-2222 / 662-2002 ext 82510 for further information. But you have to hurry – deadline for the submission of applications is May 31st!



Masks by Student Martin Soverall

Expressions of Creativity

An exhibition by the Department of Creative and Festival Arts in the Faculty of Humanities and Education featured the work of 23 graduating students of the BA in Visual Arts. Their work was completed over a rigorous multi-disciplinary foundation programme. Here are just three of the delightful pieces displayed by the students.





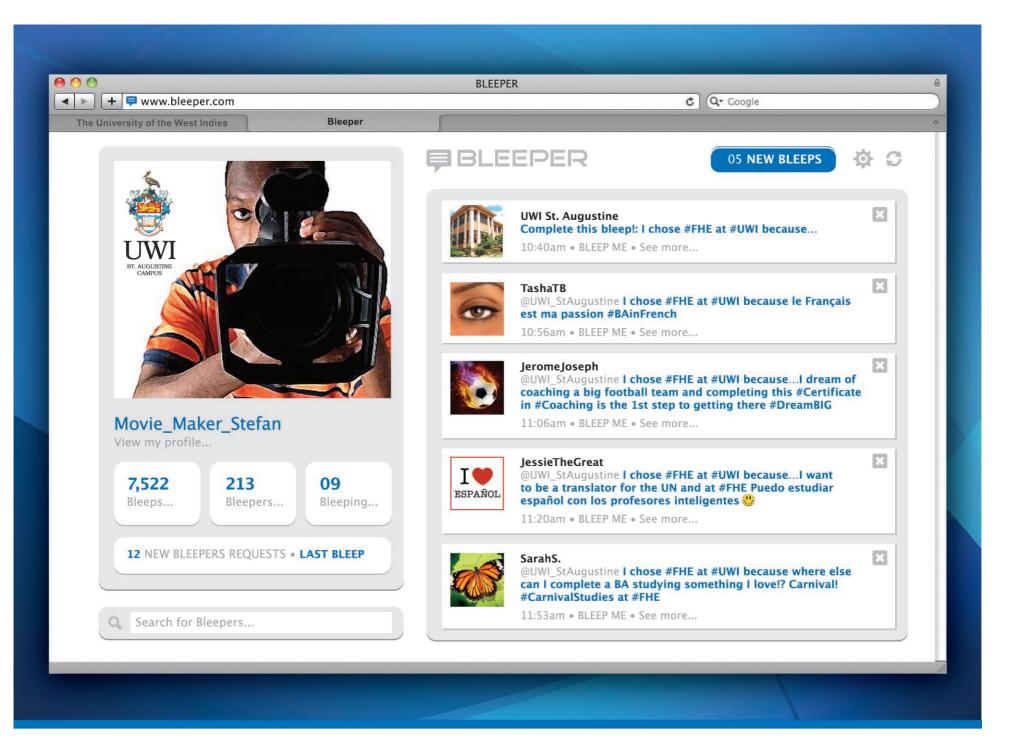


(LEFT) 'HANDS': Afiya Waithe, a talented young designer, enjoys working with different materials to create sculptural pieces and contemporary paintings. Her pieces capture the elements of human nature in an innovative way by combining a resilient material to recreate the human form with her ceramic hand lights.

(CENTRE) 'WOMAN IN RED PANTS': Richard Rampersad is a young and upcoming vibrant artist. Alongside his practice as a painter, Richard also practices jewellery design, ceramics, textile design and Rangoli art. Richard says he strives to translate thoughts and visions on the canvas with the ripeness of colour and texture.

(RIGHT) 'SOUCOUYANT': A visitor admires a painting by Anika Best. Anika loves creating texture and mixed media art and in this particular piece, she combines this love with her favourite theme– folklore – to recreate some of the characters from her childhood.

PHOTOS: ANEEL KARIM



- BA Carnival Studies
- BA Dance
- BA English Language & Literature with Education
- BA Film
- BA French
- BA Geography
- BA History
- BA Linguistics
- BA Musical Arts (Special)
- BA Spanish
- BA Theatre Arts
- Certificate in Art & Science of Coaching
- Certificate in Dance & Dance Education
- Certificate in Early Childhood Care and Development
- Certificate in Music
- Certificate in Technical Theatre Production
- Certificate in Visual Arts
- Practitioner's Certificate in Drama/Theatre in Education

EXPERIENCE.

Theatre in Education Actuarial Science HISTORY English LINGUISTICS **SPANISH** Theatre POLITICAL COMMUNITY SCIENCE Visual Arts **BIOLOGY** Dental Hygiene & Dental Therapy **Human Nutrition & Dietetics** Actuarial Science Dental Hygiene

Carnival Studies Tropical **OPTOMETRY Banking** GEOGRAPHY & Finance Agribusiness NURSING FILM SCIENCE SCIENCE SCIENCE Linguistics **SPORTS** International **INFORMATION TECHNOLOGY TECHNICAL**

Landscaping **SCIENCE** OSPITALITY & TOURISM CARNIVAL ART & **STUDIES** SCIENCE OF COACHING BANKING Dance & FINANCE TROPICAL LANDSCAPING Computer Science

SOCIOLOGY

HUMAN

ECOLOGY

DENTAL THERAPY Agriculture SPANISH Visual Arts CHEMISTRY & MANAGEMENT FRENCH Agribusiness Science **OPTOMETRY** ENVIRONMENTAL **MANAGEMENT**

FACULTY OF HUMANITIES & EDUCATION



Pioneering Environmental Law

UWI Today spoke to **Dr Rajendra Ramlogan** on issues raised in his paper, "Using the Law to Achieve Environmental Democracy and Sustainable Development".

UT: You say the EM Act of 1995 was umbrellatype legislation and that more than 100 pieces of legislation dealing with environmental issues exist.

RR: More than 100 pieces of legislation impacting on the environment did indeed exist prior to the passage of the Environmental Management Act. The main problems associated with these pieces of legislation were lack of awareness as to their existence and usefulness; low penalties associated with infractions; the general malaise that many governmental entities had towards the environment prior to the 1990s; and perhaps the lack of a political will to put environmental law and enforcement on the front burner.

Only briefly, in the era of the NAR, was there a separate Ministry of the Environment headed by Lincoln Myers. An entire decade of the 21st century has passed and 2013 may be the first time that we see a separate Ministry of the Environment. While having a stand-alone Ministry may reflect a greater political will to deal with environmental issues, the results are still to be qualitatively assessed.

UT: You are now a professor of environmental law but you have been a practitioner for some time. Is environmental law practice a well-populated field in the region?

RR: There are many practitioners engaged in environmental law cases, especially on behalf of the State. However, in terms of persons with specialized environmental legal knowledge, the field is still relatively small. Perhaps when we see the body of environmental law increase and enforcement strengthened, young



"Increasingly it is recognised that environmental democracy is critical to sustainable development"

attorneys may be more inclined to develop an environmental law practice.

UT: What do you think are the major challenges for practitioners?

RR: My observation is that practitioners without formal environmental law training utilize general legal principles as the basis of case preparation and shy away from really exploring specific environmental legal principles. The challenge to practitioners is to master and use principles such as sustainable development, the precautionary principle, polluter pays principle, the right to a healthy environment, to name a few, in the pursuit of environmental law matters. These concepts are somewhat interdisciplinary in nature and require some work to achieve a level of mastery so as to facilitate their integration in the corpus of our judicial learning. Happily, we are already seeing the slow percolation of these environmental principles into judicial proceedings.

UT: What are the salient environmental concerns re the resurfacing issues surrounding the \$7billion highway project?

RR: The major environmental issue, in my opinion, was lack of recognition of environmental democracy. Increasingly, it is recognized that environmental democracy is critical to sustainable development. Environmental democracy, in a nutshell, involves public participation in the environmental decision making process. In the first environmental case filed in Trinidad & Tobago, Fishermen and Friends of the Sea challenged a decision by the EMA to grant a Certificate

of Environmental Clearance to bpTT. The Privy Council made it very clear that, if public consultation was compromised, it would have been prepared to intervene - so important is public consultation or stakeholder participation! This matter reached the Privy Council but we lost on a technical challenge of being late in filing our action. In our successful Alutrint Smelter judicial challenge, Justice Mira Dean-Armourer made it clear that "it would have been procedurally irregular for the EMA to issue the CEC on the basis of flawed public consultation". So, public consultation is quite important to environmental democracy.

Environmental democracy includes proper consultation of stakeholders in the environmental decision making process; presence of relevant information to all stakeholders to effectively participate in the environmental decision making process; early opportunity for stakeholders to be consulted; and the timely opportunity to judicially challenge environmental decisions. These are just some aspects of environmental democracy and can be tested with respect to the Highway

UT: Can you elaborate?

RR: In this case, the first question might be whether there were proper stakeholder consultations. Judging from Recommendation 2.6 of the Highway Review Report, the answer must be "no". "2.6 Finally, effective stakeholder participation is essential in the decision making process. The relevant agencies must ensure that proper consultation is carried out following effective communication of information to all stakeholders. What has transpired with this project may not have occurred if an appropriate process for incorporating stakeholder involvement was applied".

The second question would be whether the public had access to all relevant information. This highway runs through a significant wetland area and there are fears of flooding. Of critical importance would have been a hydrology report. To quote from the Highway Report: "While other inadequacies are present in the EIA, this review has focused on those considered most critical to decision making where this Highway is concerned. 2.5.4.1 Hydrology Study The omission of a hydrology study as part of the EIA is one of its most significant deficiencies. The discharge and flow of water within the wetland, both surface and groundwater is the most important factor that defines that type of terrestrial environment. It is essential in determining soil conditions and therefore the type of vegetation that can be supported, which in turn determines habitat conditions and ultimately the type of fauna..." How can there be proper stakeholder consultations when a critical document that would advance effective public consultations is missing or has not been prepared or provided for public comment?

The third aspect of environmental democracy I find troubling is the timing of the granting of the CEC for the disputed highway segment. According to a press release, then Prime Minister Patrick Manning advised the President on April 09, 2010 that a general election

was to be held on May 24, 2010. The country was thrown into election fever two years before the end of term of the then PNM government. Yet the EMA, according to the Highway Review Report, stated "CEC 1372/2006, which was granted on April 20, 2010, and which directly or indirectly influence the approach to hydrology issues in the design, construction and operation of the highway section between Debe and Mon Desir..."

In the aftermath of a controversial election date announcement, the EMA chose to approve what is perhaps the largest and most divisive infrastructural project in the history of Trinidad and Tobago. Why the haste? The implication of this decision is that the clock started running on the judicial review of this CEC on April 20, 2010 and action would have had to be taken within three months of that date or face the tremendous judicial hurdle of delay. It is hardly surprising that, in the run up to the election and its immediate aftermath, the public eyes would have rested squarely on the political affairs of the nation and not on a CEC. I believe this approach to granting this CEC, especially in the absence of certain information deemed relevant by the Highway Review Committee during one of the most controversial political periods in our history, may have contributed to the failure of NGOs or stakeholders to launch a judicial review challenge within the statutory three-month period. The timing of the grant of the CEC may have been entirely coincidental and the action of the EMA may be devoid of any mala fide but unfortunately we are a society that has learnt not to trust coincidences.

It is my opinion that the granting of the CEC for the Highway Project based on the Highway Review Report impacted negatively on the development of environmental democracy. I must add that I am concerned with the governance of the EMA that was largely responsible for the approval of this project and indeed approved same prior to the election of the People's Partnership. Responsibility for proper consultations is squarely within the ambit of the EMA. The responsibility for having all relevant information is that of the EMA and the responsibility for granting the CEC is solely that of the EMA. If there is one criticism I must make of the Highway Review Report, it is that it failed to probe deeply what went wrong with the governance process of the state agencies vested with statutory responsibility for the highway project. It is not often that I find myself agreeing with the EMA but if the comments of its CEO Dr. Joth Singh, as reported on March 13, 2013 in an article by Gail Alexander entitled "EMA knocks Armstrong team: Highway report flawed, deficient", are correct, then the Highway Review Committee missed the opportunity to properly assess the role of the EMA in the Highway conflict and perhaps correct any misapprehensions of their conduct. To quote, "But Singh said EMA wasn't asked by the review team to meet or discuss anything with them. If talks were held, he said, some of the items Armstrong's team flagged would have been easily resolved via explanation. "There were deficiencies in their report and it was incomplete...The fact we weren't consulted makes it incomplete so that was a huge flaw in their procedure," Singh said, adding the team was negligent.

IBIS IN SHADOW

Camille King sees her work as a symbol of nation. This recent piece, 'Ibis in Shadow', expresses her discomfort in disappearing symbols, disappearing habitats. She notes that the Scarlet Ibis - found on the national coat of arms - seems to hold little importance to the citizens. The Ibis population in the Caroni Swamp continues to diminish while the exotic Anthuriums are often overshadowed by imported flowers.

'Ibis in Shadow' formed part of 'Inspired', an exhibition of her watercolour paintings at Soft Box Studios. The work is in partial fulfilment of the requirements of the Master of Art in Cultural Studies.

The Ibis population in the Caroni Swamp continues to diminish while the exotic Anthuriums are often overshadowed by imported flowers.



PHOTO: SOFT BOX STUDIOS

Dr. Rajendra Ramlogan is Professor of Commercial and Environmental Law in the Department of Management Studies. He has published numerous articles and authored several books including Sustainable Development: Towards a Judicial Interpretation; Judicial Review in the Commonwealth Caribbean; and The Developing World and the Environment: Making the Case for Effective Protection of the Global Environment.

Beyond the ME, MYSELF & I

Since the launch of the Anthony N Sabga Caribbean Awards for Excellence in 2005, five sets of Laureates have been named. All have excelled in one of three areas – Arts & Letters; Science & Technology and Public & Civic Work. These Awards recognize significant Caribbean achievement and seek to encourage and support the pursuit of excellence by Caribbean persons, for the benefit of the region. Laureates are proposed by country nominating committees and selected by a regional panel of eminent persons. The Awards are now considered the English-speaking Caribbean's leading recognition programme. Four persons were honoured this year. Four persons who, when one looks below the surface, all have two things in common: their marker is excellence and they all serve mankind through the works of their minds and hands. Well, actually, there are three things that they have in common – they are all Caribbean people. Among the four Laureates for 2012, three have their roots in The UWI.

■ ARTS & LETTERS

PROF CARYL PHILLIPS

St Kitts & Nevis (OECS)

The young Oxford graduate, Caryl Phillips, had decided to make his career as a writer, a writer who would spotlight in some way the Caribbean which gave him birth. A lovely ideal that went a bit haywire when his Dole payments ceased and he found himself over-qualified for and uninterested in the jobs that could put bread on his table. A break from a helpful BBC producer saw his literary career begin as a playwright.

Since then he's gained fame as an essayist and a novelist, winning many awards for his writing, including the James Tait Black Memorial Prize (for *Crossing the River*, in 1993) and the Commonwealth Writers' Prize (for *A Distant Shore*, in 2004). Prof Phillips, however, poses the question: "what practical use is literature in the world we live in today. How do the arts help us to pave roads, build schools and hospitals, maintain employment, extend our tourist infrastructure, or - in more general terms - develop our economies and societies in general?"

He answers: "By engaging with language one extends the capacity to think and express oneself clearly. By engaging with character one shows a curiosity about lives which are not one's own. In other words, there is a demonstrable extension of empathy toward other human beings. In our world today, Facebook, Twitter, and a whole roster of other social media, encourage a terrible, narcissistic navel-gazing and a real retrenchment to the kingdom of Me, Myself and I. We need something which counterbalances this narrowing of our visions and this corruption of language."

Prof Caryl Williams is currently a professor of English at Yale University and has enjoyed a distinguished career of accolades with a continuous advocacy for Caribbean people, writers and ideas via his novels, his teaching, and his work as an editor and critic. He holds an Honorary Doctorate from The University of the West Indies

■ SCIENCE & TECHNOLOGY (Joint Laureate)

PROF DAVE CHADEE

Trinidad & Tobago

Prof Dave Chadee's lifelong fascination with the wonders of science took flight when a delightful mint green Bamboo Page butterfly emerged from the caterpillars his father had begun rearing. Another experience, many years later in 2001, would evoke further change: "as part of a Cornell University field team, I travelled to the Amazon Forest in Peru. At nightfall we discovered that there were no lights on the boat. As we started hitting floating logs and other debris, the fear that the boat would be damaged and sink was real. In complete darkness the river was all-consuming. Many people removed their life-vests so that the end would be quick." Eight hours later they had arrived safely at their destination but his life had gained new meaning and purpose.

An entomologist and parasitologist, Prof Chadee is an expert in vector- borne diseases whose work has positively affected the lives of hundreds of millions of people across the world. The practical applications of his research can be found in areas like the relation between climate change and dengue outbreaks in the Caribbean, and various other dengue-related areas like mosquito breeding patterns in the region; the effect of parasites on regional ecologies; the impact of cell-tower radiation on the well-being of local populations; and the transmission of STDs (specifically trichomoniasis). His work on mosquitoes has led to the development of mosquito traps, new disease surveillance systems and new control strategies.

He admits a scientist's implicit responsibility to conduct research relevant to the needs of society, ensuring that results impact the welfare, the rights and the treatment of the community - not forgetting the wider society, future generations and the biosphere.

At The UWI St Augustine Campus, Dave Chadee is professor in the Department of Life Sciences, Co-Chairman of the Tropical Medicine Cluster: Infectious Diseases, and Co-Chairman of the Biodiversity and Environmental Cluster: Biogenics of Natural Products. He is also an adjunct professor in the Department of Epidemiology and the Global Health Programme at the University of Miami.

■ SCIENCE & TECHNOLOGY (Joint Laureate)

PROF ANSELM HENNIS

Barbados

At the age of 11, Anselm Hennis knew he would be a doctor. He just didn't know how he would achieve that ambition. One scholarship and Henry Schuller's words as his mantra, 'Trust in God, believe in yourself, dare to dream' and he was able to turn his vision into reality.

Prof Hennis is a prolific researcher, the results of which have had significant impact on healthcare policy regionally. It is because this research translates into direct gains for the world population that he has attracted more than US\$25 million in grant funding over his career. Some of his recent major studies include the USA-Caribbean Alliance for Health Disparities Research (2011), the Barbados Salt Study (2010), the 1000 Genome Project (2009), Novel Inflammatory Factors and Disease Activity in Systemic Lupus Erythematosus (2009), "The Health of the Nation", a baseline survey of chronic disease in Barbados (2008) and, more recently, a global study of Hyperglycemia and Adverse Pregnancy Outcomes which has led to the development of guidelines for the diagnosis of gestational diabetes.

Now he plans to be part of the group that develops the next generation of Caribbean clinicians and researchers; creating opportunities for them to function in the region while still having a global impact through their ideas and work. "I have learned the art of perseverance by taking on major challenges while being ill-equipped and underresourced, but having to 'hang in there' to the end. It is my hope that our Governments also utilize the evidence provided by medical research in the region to optimally inform policy and practice to the betterment of our people."

Prof Anselm Hennis heads the Chronic Disease Research Centre, Tropical Medicine Research Institute of The UWI's Cave Hill Campus, where he also teaches medicine and epidemiology. He is Deputy Dean of research in the Faculty of Medical Sciences at that campus, a research associate professor at Stony Brook University in New York, and a consultant physician at the Queen Elizabeth Hospital in Barbados.

AWARDS



Patron of the Awards Anthony N Sabga (2nd right) with Laureates (from left): Prof Anselm Hennis, Prof Dave Chadee, Rhonda Maingot and Prof Caryl Phillips PHOTO COURTESY: ANTHONY N SABGA CARIBBEAN AWARDS FOR EXCELLENCE

These Awards recognize significant Caribbean achievement and seek to encourage and support the pursuit of excellence by Caribbean persons, for the benefit of the region.

UWI SEISMIC RESEARCH CENTRE (SRC) OPEN HOUSE

You're invited! As part of its 60th anniversary celebrations The UWI Seismic Research Centre (SRC) has opened its doors to visitors at monthly Open House sessions throughout 2013.

The UWI-SRC monitors earthquakes, volcanoes and tsunamis for the English-speaking countries of the Eastern Caribbean; conducts research on these hazards and manages an education and outreach programme to build awareness of these geo-hazards.

"Trinidad & Tobago lies in a high earthquake zone for the Caribbean and earthquakes are felt regularly. People might be interested in learning more about what causes these events, how we measure them and most importantly how they can protect themselves," said Stacey Edwards, Education Officer at the Centre. "We started in February and the response to the Open House so far has been great with some of the sessions actually being overbooked," added Edwards.

The Open House provides insight into the work and role of the SRC in the region while promoting earthquake and tsunami safety in Trinidad.

Ninety minute sessions are offered on the last Thursday of every month at 2:00pm, 3:00pm and 4:30pm at the Centre's offices on Gordon Street in St. Augustine. Each session includes a tour of the Centre, demonstrations on earthquake and volcano monitoring techniques, interaction with Earth scientists as well as safety and preparedness tips. The Open House is suitable for persons 13 years and up; however a session for families with younger children is being planned for later in the year.

Space is limited and bookings are highly recommended.





Keen interest is reflected on the faces regarding earthquake monitoring techniques

■ RESEARCH

Research by Drs Sandra Celestine and Shelton Jefferson starkly reveals that crime and violence in our schools are now national development, national security and national health care imperatives. They guarantee a worsening of school misbehaviour and youth violence if these issues are not addressed cooperatively by all sectors - government, business, teachers and parents.

A UWI funded research project, the Trinidad & Tobago Youth Project (TTYP) poses five hypotheses regarding at risk youth misbehaviour, school crime and violence problems:

- At risk, hot spot communities generate increased risk of damaging psychological problems among the families and children living there.
- Hopelessness, depression, unresolved grief and loss are the major types of emotional problems affecting at risk youth.
- A multi-modal approach including therapeutic counselling of the child, family guidance sessions with the parent/child and peer group counselling offer the best short-term intervention methods to bring about positive change in the youth and the family.
- Music is one of the best methods to engage children and bring about immediate and positive change.
- No one method can solve all the environmental factors (drug trafficking, gangs, poverty, etc.) affecting our youth. Any public policy adopted should be culturally relevant to Trinidad & Tobago and have measurable outcomes.

Celestine and Jefferson view the newly released Ryan Report as a very good starting point for abetting Trinidad & Tobago's problems with youth violence. They note that, while the Report touts the need for multi-disciplinary solutions, it

YOUTH AT RISK Filling in the Gaps

This Youth Project is researching how depression and hopelessness affect youth behaviour and how the use of music may change it.

does not include analysis by a criminologist or economist and the psycho-social perspective of psychologists or clinical social workers. It does however highlight the need for further analysis regarding the effect of music on youth violence and misbehaviour and the impact of hopelessness and depression on youth violence and crime.

This Youth Project is researching how depression and hopelessness affect youth behaviour and how the use of music may change it. Preliminary results indicate that the environmental factors present in so-called hot spot areas contribute to hopelessness and depression - which manifest themselves in physical and mental health problems.

TTYP estimates that more than 50% of school youth involved in school crime and violence are afflicted with health problems. These health problems include depression, emotional, verbal, or physical abuse, mood disorders, unresolved grief and loss (caused by witnessing/experiencing the death of friends or family). Such mental health maladies show up daily in school settings as unrepressed anger, disrespect for authority, fighting, sexual misconduct as well as acts of theft and robbery. The often-unseen impacts of these mental health problems are hopelessness, self-harm, suicidal thoughts and suicidal attempts.

According to Dr Celestine the immediate successes of the project are improved behaviour for some students and identification of the specific issues causing a student to misbehave. She emphasizes that initial research data confirm that successful interventions to eradicate student misbehaviour and school violence must include counselling for both child and family.

The researchers are clear. The school system and the criminal justice system are neither trained nor prepared to deal with children having serious mental health problems. Any recommendation to resolve school crime and violence problems must include mental health practitioners such as clinical social workers or clinical psychologists. TTYP will release a White Paper in June and host an At Risk Youth Conference on June 17.

■ FOR FURTHER INFORMATION

Please email: sheltonj@atriskyouthtt.com



DON'T REST **ON YOUR** LAURELS

She is an engineering student who has studied classical Indian dance since the age of four or perhaps she's a dancer who loves to analyse power system operation and application of advanced technologies to improve transmission efficiency. A huge mouthful but that's the research area of this final year student in Electrical and Computer Engineering at The UWI, St Augustine Campus.

Laurel Bhairosingh is a young woman who believes that 'no matter how many times you fall (literally and figuratively), all that matters is how many times you get up'. That gives some indication as to why she's also the recipient of the 2013 IEEE Power & Energy Society Student Prize Paper Award in honour of T. Burke Hayes. The IEEE Power & Energy Society is a leading provider of scientific and engineering information on electric power and energy, enriching humanity through innovation. This particular award recognizes an outstanding original student paper in electrical power engineering and the competition is based solely on judging of written papers related to the electric power industry. The purpose of this award is to encourage students in their professional development, to stimulate interest in the programmes of the electric power industry, to encourage students to prepare quality technical papers with faculty supervision and to recognize the schools and faculties that provide guidance in these areas.

She described the application of her research which focuses on asset management and improving the usage efficiency of overhead power lines. "As industrial growth continues, demand for electricity has increased, resulting in the occurrence of transmission network bottlenecks. I am investigating the feasibility of increasing the amount of current that can be transferred using existing network infrastructure and generation resources."

So, why engineering? And why that area, electrical and computer engineering? The reason for her selection has its genesis in those genes that make her want to dance. She sees it as a field that would allow her to create something new that can positively impact the lives of many. Her choice of area lay



in that same social consciousness. The department's mission statement resounded with her personal life goals: 'to produce bold, articulate engineering graduates and to conduct relevant and innovative research and development for the social, economic and intellectual growth of the Caribbean region.' She found a mentor in Dr Sanjay Bahadoorsingh who constantly and patiently emphasized to her the need to always give her best. She credits him and the support of Professor Chandrabhan Sharma with her success.

The discipline that comes from classical dance classes once a week for more than a decade, under the tutelage of Guru Sandra Sookdeo, and the self-expression through movement come together in her pursuit of excellence in engineering. Escape into dance allows Laurel to manage the stress of studying and to keep balance in her life. Next steps include gaining industry experience and, later, graduate studies in the field of power engineering. But always, always, for Laurel, there will be dance.

The discipline that comes from classical dance classes once a week for more than a decade, under the tutelage of Guru Sandra Sookdeo, and the self-expression through movement come together in her pursuit of excellence in engineering.

■ PAPER DETAILS

TITLE OF PAPER: Development of a MATLAB **Based Dynamic Line Rating Software Tool**

This asset management oriented project focused on improving the usage efficiency of overhead power lines to yield an increase in grid power transfer. The factors influencing an overhead conductor's rate of heating and cooling were thoroughly reviewed. Real time environmental conditions including ambient temperature and wind speed were employed to dynamically determine optimal power transfer ratings for transmission lines. A graphical user friendly software tool for overhead dynamic line rating was also developed in MATLAB. The award will be presented at the IEEE PES Student/Faculty/Industry Luncheon of the 2013 instalment of the prestigious IEEE Power & Energy Society General Meeting in July in Vancouver, British Columbia, Canada.

CAMPUS NEWS

10 Digital Marketing Strategies

BY JHIVAN PARGASS

A collaborative effort by the Embassy of the United States, Trinidad and Tobago, and the University of the West Indies, St. Augustine Campus made it possible for former Apple executive and current President and CEO of the All Access Group LLC, Kelli Richards to deliver a stimulating and insightful open lecture on digital marketing strategies at The UWI on Tuesday May 7.

An established pioneer and trailblazer in the arenas of digital music, media and entertainment, author, and much sought-after professional coach, Richards shared with the audience some of her extensive knowledge on how filmmakers, authors and musicians may best market their products and businesses on digital platforms such as Amazon, iTunes and a host of others. Speaking from more than 20 years of senior executive experience, Richards urged listeners to take advantage of the plethora of free and paid online platforms specifically designed for the promotion of such products.

She left audience members with 10 key marketing strategies that could be broadly applied to music, media and entertainment markets:

Availability – Have as wide and varied a consumer/fan reach as possible.

Strong online presence – Own a website, join as many social media/media/market platforms as possible, and then create specific accounts branded towards your product/company.

Knowledge of your audience and market – Your target market must be relevant, as should be any content released to it

Management of expectations for financial and professional reasons - Not all ventures will immediately achieve a stable level of success.



Investment in your product – One must spend money to make money.

Free Giveaways! – It is sometimes wiser and more profitable to build an audience base and a brand that sustains over time than making a quick buck.

Connection – Creating connections can take your product to great heights. If you don't ask, you don't achieve. **Engagement and Production – Connected = Engaged.**

Adapting, Evolving to new technologies and emerging markets – Keep relevant and connected to your work while expanding product reach and boosting skills.

No single path to success – Leaders create their own.

Jhivan Pargass has a BA in Spanish with a Minor in Communication Studies from The University of the West Indies, St. Augustine. She's just joined the Marketing & Communications Office of The UWI.

UWI ALUMNA SELECTED FOR PRESTIGIOUS FIFA MASTER PROGRAMME

It's all about content!

Charisse Bacchus is going places. A Sport Service Officer at the Sport Company of Trinidad & Tobago, she has been selected as one of the 30 best all-round applicants from a pool of hundreds of applicants around the world, to pursue the FIFA Master - the International Master in Management, Law and Humanities of Sport.

Making the transition from athlete to sport professional was important for Bacchus. Her Postgraduate Diploma in Sport Management at The UWI, offered in collaboration with the International Centre for Sports Studies (CIES) under the auspices of the Fédération Internationale de Football Association (FIFA), provided an excellent base. It covered Strategic Management of Sports, Sports Marketing and Sponsorship, Law and Sports, Communication in Sports, Sports Finance, Sports Facilities Management, Event Management and Human Resource Management (HRM) in Sports.

The Postgraduate Diploma gave Bacchus insight into the other side of sport: "you gain a much greater appreciation for your managers, your liaisons, and the people who are there working behind the scenes to ensure your paperwork is in order." Local CIES Coordinator and Coordinator of The UWI/FIFA/CIES Postgraduate Diploma Programme Charisse Broome said that "Trinbagonians make up the highest percentage of the FIFA Master studentship and we are incredibly proud and pleased that a graduate of the Post Graduate Sports Programme here joins them."

Professor Surendra Arjoon, Department of Management Studies Head, is pleased at Bacchus' accomplishment: "We can boast that graduates of The UWI/FIFA/CIES Programme are able to make their mark in both local and international sport. Her achievement bears testament that our graduates are adequately prepared to compete on an international level and we extend our congratulations and best wishes for success at the FIFA Master Programme."

Organised by the International Centre for Sport Studies in partnership with three universities - De Montfort University in Leicester (England), SDA Bocconi School of Management in Milan (Italy), and the University of Neuchâtel (Switzerland) - and endorsed by FIFA, the FIFA Master in Management, Law and Humanities of Sport was created to promote management education within the sports world. It offers a dynamic international environment with



Charisse Bacchus (left) receives her award from Lystra Francis of The UWI Sport & Physical Education Centre (SPEC)

some 20 different nationalities in a class of 30 postgraduates selected each year. The international multi-disciplinary approach provides postgraduates with the opportunity to learn a broad range of subjects and develop their analytical skills to better cope with the fast-changing trends in the sport industry.

CAMPUS NEWS



GO GREEN WITH TAMBRAN

She's a 26 year old MSc student of Management Studies, Marketing at The UWI. She is the Manager and founder of Tambran by Tamara, established October 2012, and she's an Artist. Her name is Tamara Prosper.

From a pool of 493 applicants, **Tambran by Tamara** was selected as a finalist for the first edition of the Caribbean Innovation Challenge, going on to win the Environmental Entrepreneur Award 2013. The CIC is an international entrepreneur competition and business start-up accelerator for young people in CARICOM Member States. It is a component of the UNDP project Youth Innovation (Youth-IN): A Caribbean Network for Youth Development.

"Little did I know, I would be heading to Guatemala to represent the Caribbean and compete on the hemispheric level in the TIC Americas and Eco-Challenge Caribbean 2013 in June," Tamara said excitedly. She had entered the competition, submitting a business plan, market feasibility study, market testing, and promotional video and graphic presentation of prototypes. Hers was the lone Grenadian team to partake in this prestigious competition, proving that she had a credible, feasible and viable business.

"From waste to treasures" is the company's mantra. The business utilizes recycled materials to create ecofriendly accessories. Tambran does online direct sales via its Facebook page and, soon, its website; it also wholesales to retail businesses. The company seeks partnerships with 'going green' organisations, encouraging them to recycle through Tambran as one of their environmentally friendly practices.



Using cardboard paper tubes, old vinyl banners, wood residue from carpentry shops and jersey fabric, Tambran not only creates products that are largely popular on the market, but also alleviates the impact of waste materials on the environment. Among their many product offerings are hand painted wooden and fabric jewellery, wooden key ring souvenirs, luxury clutch bags, shopping and make up bags and laptop cases.

About The "Caribbean Innovation Challenge"

The Caribbean Innovation Challenge (CIC) is an international entrepreneur competition and business start-up accelerator for young people in the CARICOM Member states. Awarding projects in three categories (Social, Economic and Environmental), the CIC promotes innovation, the development of entrepreneurial initiatives, and taps into the potential of young people to generate ideas that benefit their societies and communities.

The CIC is a component of the UNDP project Youth Innovation (Youth-IN): A Caribbean Network for Youth Development, which responds to the needs of youth identified in the report of the CARICOM Youth Commission (2010): 'Eye on the Future: Investing in YOUTH NOW for Tomorrow's Community'. It differentiates itself from other existing business model competitions by incorporating "before and after" stages, focusing on training and mentoring as preparation for the competition, and providing follow up services that include access to finance, networking activities, internships and promotion opportunities - which are key support services for young entrepreneurs.

YOUTH-IN ENTREPRENEURSHIP

A partnership between UNDP Barbados and the OECS and YABT, Youth-IN Entrepreneurship, promotes innovation and youth entrepreneurship, in coordination with public/private alliances and stakeholders, generating a favourable ecosystem for the development of young entrepreneurs in the Caribbean.

For more information on the Caribbean Innovation Challenge, visit http://www.youthin-cic.net/index.php; on TIC Americas and Eco-Challenge Caribbean 2013, visit http://www.ticamericas.net. To view and purchase Tamara's pieces, 'like' their Facebook page "Tambran by Tamara". Call 748-6093 or email tambranline@hotmail.com!



Sustainability in an Extractive Industry

BY JUSTIN JOSEPH

Trinidad's southwest peninsula will find an upcoming conference of particular interest. Hosted by the Trade and Economic Development Unit of the Department of Economics, it is part of a wider development project, Developing and Implementing a LED Framework for Regions with Extractive Industries, which is jointly funded by Atlantic and the Inter-American Development

At the macroeconomic level, Trinidad & Tobago is propelled by revenues from its extractive industries. In 1990, oil revenue as a percentage of total revenue stood at 41.2%; 21 years later, in 2011, the percentage stood at 47.3%. Likewise in 1990, petroleum value added accounted for 28.7% of total Gross Domestic Product (GDP); by 2011, this percentage had increased significantly to 43.5%. This upward trend in economic importance signals that greater efforts must be made to harness its capacity to nurture the sustainable development of the respective host communities.

Typically, Local Economic Development or LED strategy is a bottom-up approach to development, offering local government, the private and not-for-profit sectors, and local communities the opportunity to work together to improve the local economy. It is in this context that the Conference, Achieving Sustainability in Regions with Extractive Industries, is pitched. It will bring together local, regional and international experts in the area of sustainability in regions with extractive industries, to present the 'best practices' associated with the development challenges peculiar to such regions and thereby seek to enhance the overall governance processes for regions with extractive industries.

Among the issues on the agenda are economics of regions with extractive industries, the imperative for small business development in localized host communities and linking extractive industries to the wider economy. A 3D Poster competition for secondary school students, sponsored by the Caribbean Local Economic Development project, provided a medium for young people to voice their opinion. The conference is at the Paria Suites Hotel in La Romaine on June 14.

■ FOR FURTHER INFORMATION

Please contact the Trade and Economic Development Unit at 662-2002 ext 83233 or 83231

Justin Joseph is a Researcher for The Trade and Economic Development Unit, Department of Economics, UWI. He holds a Bsc. and Msc. in Economics.

UWI CALENDAR of EVENTS JUNE - SEPTEMBER 2013

GOLFAID 2013

June 9 Millennium Lakes Golf and Country Club Trincity

Amateur golfers can test their mettle and help 3 worthy causes at the same time, simply by playing in this tournament. 50 teams of two will vie for top honours at the inaugural GOLFAID, hosted by the Faculty of Medical Sciences in aid of The UWI Student Support Fund, Autistic Society of T&T and Persons Associated with Visual Impairment (PAVI). The tournament is under the patronage of His Excellency Justice Anthony Carmona, SC. Team fee: TT\$3,500, inclusive of dinner and drinks at the prize-giving ceremony.



For more information, please contact the Secretariat at the Faculty of Medical Sciences: 645-2640 ext. 5025, 5009; Millennium Lakes; 640-8337; or Richard Lara: 681-9864.



IST
INTERNATIONAL
RAMLEELA
CONFERENCE
July 12 – 14
UWI Learning
Resource Centre

This first conference will be co-hosted by The UWI Faculty of Humanities & Education and the National Ramleela Council of Trinidad & Tobago Inc. Final Date for Submission of Accepted Papers: May 30.

For more information, please contact, Mr Rawle Gibbons or Ms Kamalawatie Ramsubeik Rawle.Gibbons@sta.uwi.edu; kramsubeik@hotmail.com

GROWING SECURITY

June 30 – July 6 Hyatt Regency Port of Spain

The 30th West Indies Agricultural Economics Conference, "Agribusiness Essential for Food Security: Empowering Youth and Enhancing Quality Products", hosted jointly by the Caribbean Agro-Economic Society, the Caribbean Food Crops Society (CFCS) and the International Society for Horticultural Science (ISHS).

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.

TRADE & ECONOMIC DEVELOPMENT UNIT (TEDU) PRESENTS "ACHIEVING SUSTAINABILITY IN REGIONS WITH EXTRACTIVE INDUSTRY"

June 14 Paria Suites, La Romaine

For more information, please contact Mr. Joel Jordan or Ms. Cindy James Tel.: 662-2002 ext. 83231 Email: extractive@sta.uwi.edu joel.jordan@sta.uwi.edu www.sta.uwi.edu/conferences/13/ted/registration.asp

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









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

The 12th Annual Conference of the Association of Caribbean Higher Education Administrators Final Paper Submission Date: May 31st

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



Higher Education Administrators

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. The 2013 Conference celebrates the works of Stuart Hall, Aggrey Brown and others; it celebrates 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. After the conference, please consider submitting 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