The UWI Games 2003
Leading Beyond the Boundary

From Caribbean integration (again!) to UWI games 2003 (at the newly constructed Sport and Physical Education Centre!) to the (first ever!) Research Exposition on campus - UWI St. Augustine has been busy! Departments and units have been preparing operational plans and fine-tuning them so that they can go into action as we make the University a better place for learning, teaching, research, and enjoyment.

Our Annual Campus Council meeting is now behind us and so are University Strategy and Council meetings. Soon there will be an influx of freshmen; our current students will return after the long vacation and the campus will be buzzing with activity again as we move from cross campus meetings to matriculation at the beginning of September to Graduation at the end of October. Where did the year 2003 go? Did we not just celebrate Christmas together?

Time flies, they say, when you are having fun! I know that we are all working hard but we must be having some fun as well if time is speeding along so swiftly!

In the months ahead we must really put our shoulder to the wheel. The campus and the University as a whole face many challenges. We must work together to meet these challenges. We need to recruit the best students to all faculties on campus. As our long service staff retire, we must win bright, hardworking, enterprising recruits to the teaching and research staff. We need to use our space more wisely and schedule smartly to make use of the space that we have. We must rationalise not just the space but the curriculum, which must be relevant, meaningful and responsive. We must not only develop our students well by the learn- ing environments that we create in our classrooms and the care that we take with them but we must make them industry ready, workplace ready and fully prepared to carry the burden and responsibility of citizenship.

It is my hope that each department will honour its commitment to put at least one course on line. We have to move expeditiously on this now. We cannot wait for the slowest. We must all catch up with the fastest and keep pace. We must do this always keeping an eye on quality and on the support infrastructure which we need. We have to move fast as well as improve continuously and we have to do both simultaneously.

There will be a fair amount of construction over the next few months. For one thing extension of the Humanities building will begin and this is right in the Centre of campus. Construction of another storey of the library laboratory will also begin. All of this is because of the expansion taking place at the current time. If we proceed at the current pace we will be way ahead of target (student numbers) and making a significant contribution to expansion of access at the University. So we are increasing numbers and creating the space to accommodate them but is that good enough?

No! We must focus on the quality issue especially in terms of outcome. One side of quality involves technical competence and know-how – the capacity building side of intellectual capital if you will in a given discipline or area of study. But another side of quality has to do with the quality of graduate as citizen, worker, manager, leader, thinker, doer and team player. We must begin to focus intensely now on the tangible as well as intangible aspects of quality.

How do we create a UWI graduate that stands out? How do we put out graduates who are a cut above the rest? How do we ensure that the next crop of graduates will truly make a difference? These are the things to which we need to bring effort, dedication and creativity. It would be in the interest of the entire campus community and the nation and region at large, if we were to spend some time thinking about this, talking about it and finally doing what is required to ensure that UWI graduates do make a decisive positive impact on community, national and regional development.

I look forward to meeting with Departmental and Unit heads on May 19. And I look forward to meeting with you all again eventually over 2003-2004.

Dr. Bhoendradatt Tewarie
Campus Principal
ON THE COVER

RENDEZVOUS OF VICTORY

The University of the West Indies, St. Augustine Campus recently hosted the well-attended UWI Inter-Campus Games 2003, which was launched at our state of the art Sport and Physical Education Centre on Sunday 16 March. The Games came to a close on Saturday 22 March. At this much-anticipated biennial event, there was fierce competition among the top athletes from each of the three campuses, St. Augustine, Trinidad; Cave Hill, Barbados; and Mona, Jamaica. Student athletes competed in the disciplines of Basketball, Cricket, Football, Netball, Volley Ball and Track & Field and our Campus emerged winners in several events (see listing of results below).

The Inter Campus Games was the first major sporting event that was held in the new Sport and Physical Education Centre (SPEC), St. Augustine. The healthy and friendly rivalry that the UWI Games engenders made this event a highly successful one. And to all the teams we say congratulations on a job well done and to our sponsors for this event — many thanks.

The UWI Games benefited from the generous sponsorship of national and regional companies and brands such as Toyota (Trinidad & Tobago Limited), The National Gas Company of Trinidad & Tobago Limited, Cable & Wireless, Republic Bank Limited and Malta Carib.

Winning Teams
Cricket ...................... St. Augustine
Football ...................... Cave Hill & St. Augustine
Volleyball ..................... Mona
Basketball ..................... Cave Hill
Netball ......................... Cave Hill
Track and Field ............. Mona

Overall Winners
Cave Hill ...................... 1st Place (42.5)
St. Augustine ................ 2nd Place (31.5)
Mona ......................... 3rd Place (28)
The Sport and Physical Education Centre (SPEC) at The University of The West Indies is poised to become the forerunner of athletic development in the region. SPEC bears the distinction of not only being the only athletic facility of its kind in the region, but also the only Caribbean academic facility which focuses on the technical and theoretical development of athletic management and performance. This knowledge approach to sports is a significant feature of the University’s new mandate to become more actively involved in national and regional development.

It took over seven years for Director of the Centre, Dr. Iva Gloudon and her team to help bring to reality a vision of a world class, state of the art centre that can serve the rapidly changing demands of regional sports. The result is the Caribbean’s most modern, multi-purpose indoor-outdoor facility. Located along the St. Augustine Circular Road, to the north of UWI’s famous Cricket field, UWI SPEC’s design is both ultra modern and highly functional. The Centre’s roof is a curved pre-painted standing seam profile, with walls constructed of reinforced concrete block rendered and painted, and a main structure of painted steel. From the outside, magnificent glass panels reflect the surrounding landscape. The Centre is specially designed for the Caribbean climate, with fully air-conditioned 80 ton screw type cooling systems as well as operable windows and forced ventilation systems.

For outdoor sports, UWI SPEC boasts international standard, full sized basketball, fusball, volleyball, hockey and netball courts—with high tech lighting systems to accommodate night games. On the inside, a spectacular open floor plan allows for a variety of indoor sports, large ceremonies and cultural events. This sophisticated floor design ideally hosts the multi-purpose indoor court system by the world famous Regupol company. The main court area is fully outfitted for basketball, netball, indoor hockey, volleyball, table tennis, futsal and every other imaginable indoor public activity. A spacious courtside area is reserved for scorers, players, officials and the physically challenged.

The Centre also offers academic undergraduate and postgraduate degrees and Certificates in Coaching, Physical Education, Sport Management, Sports Medicine and a diverse series of short-term courses and seminars. In keeping with UWI’s holistic approach to the technical, academic and practical aspects of education and its relationship to the community, UWI SPEC has made links with other similar Centres to foster exchange of knowledge and skills in the different dimensions of sports development.

The precedent established by UWI SPEC in the short time since its opening in December last year, is a dynamic one, full of exciting possibilities. As a result, this premier regional sport and education facility is poised to make a significant contribution to the development of sports in the Caribbean. UWI SPEC is open on weekdays from 6am to 11pm and at limited hours during the weekend.
Professor C.N.R. Rao, the world-renowned authority in the field of Chemistry, spoke to a highly attentive audience at his Open Lecture at The Learning Resource Centre, St. Augustine campus, recently. Entitled ‘Science: Its Future and Role in National Development’ his presentation addressed the role of scientific research and progress in the technological progress of emerging economies.

Having published over 1000 research papers and 36 books, Prof. Rao’s research interests are in solid state and materials, chemistry, surface phenomena, spectroscopy and molecular structure. As President of the Third World Academy of Sciences, he is especially interested in the scientific progress in developing countries. In his UWI lecture, he elaborated on the scientific strategies necessary for development. These strategies included: “Science related to specific national needs consistent with national priorities” and “the need for scientific temper among all citizens”.

Over his forty-year career, he has won numerous honours and medals for his progressive and distinguished work in the field of science. Some of his recent accolades include CSIR Golden Jubilee Prize in Physical Sciences, the Centenary lectureship and Medal of the Royal Society of Chemistry, as the Hughes Medal of the Royal Society of Chemistry for original discovery in physical sciences; and the Order of Scientific Merit from the President of Brazil.

As this country embarks on the national mandate to become a developed nation by 2020, this open lecture was of great interest and significance to scientists, academics, politicians, students and members of the public concerned with national development. This lecture was part of the University’s on-going commitment to engage the community in diverse discourses on national development and progress.
A warm STAN welcome to Steve Oudit, Lecturer in Visual Arts, Creative and Festival Arts (CCFA); Andre Thompson, Systems Engineer, Campus IT Services; Professor Milica Bajic-Brkovic, appointed to the BP Chair in Planning and Development in the Department of Surveying and Land Information; Dr. Joanna Ibrahim, Lecturer in Coastal Engineering; Dr. Everson Peters, Lecturer in Environmental Engineering; Dr. Madaniyo Mutabazi, Lecturer in Transportation Engineering and Management; Raymond Ward, Assistant Manager, Systems Laboratory; Dr. Cathy-Ann Radix, Lecturer in Computer Systems; Dr. Rajiv Tripathi, Lecturer in Telecommunications Systems. The Engineering Faculty also bade farewell to Charles Bhawanie, Chief Technician in the Department of Chemical Engineering; Samuel Ames, Engineering Technician in the Materials Testing Laboratory; Mervyn King, Assistant Storekeeper; and Dr. Kodidine Venkataramana, Senior Lecturer in Soil Mechanics/Foundation Engineering.

MINISTER VISITS CRU
The Minister of Agriculture, Land and Marine Resources (MALMR), John Rahael paid a courtesy visit to the Coca Research Unit (CRU) at the St. Augustine Campus recently. The Director of the CRU, Dr. David Butler gave the Minister and his entourage a brief overview of the history and functions of the Unit and underscored its strategic role in managing and conserving the most diverse collection of cacao in the public domain – The International Cocoa Genebank, Trinidad (ICGT). Expositions were also made by several scientists on the aspects of the work programme.

Of particular interest to the Minister was the impact of the CRU’s research on the local cocoa industry. He was also very keen to learn of the close collaboration between the CRU and MALMR in evaluating the yield potential, flavour profiles and disease resistance of the locally bred, world famous, Trinidad Selected Hybrids. He encouraged staff to continue to assist the local industry by ensuring that farmers have access to relevant research results and to work with all the stakeholders in bringing about the revitalisation of this once thriving industry.

FROM PRINCIPAL TO PRESIDENT
Congratulations to former Campus Principal, PROFESSOR EMERITUS GEORGE MAXWELL RICHARDS on his appointment as President of the Republic of Trinidad and Tobago. President Richards contributed in a broad range of areas to the growth and development of our Campus during his tenure and our nation will now be able to benefit from his wealth of experience and expertise.

To the innovative and inventive SABINA ALLARD and ANTHONY CUMMINS please accept a STANDING Ovation as finalists for The Prime Minister’s Award for Innovations and Inventions (2002). At a ceremony held at the Trinidad Hilton in January, these two Visual Arts students with the Centre for Creative and Festival Arts (CCFA) were praised for their creativity. Anthony Cummins was lauded for his furniture design and Sabina Allard for her design innovations for the cuatro, toc-toc and chac- chac – traditional Parang music instruments. Allard’s innovations in the shape and amplification of the cuatro and her ergonomic re-styling of the toc-toc and chac-chac were well researched and implemented. She won the Prime Minister’s Trophy and a cash prize.
GOOD PROGNOSIS FOR RESEARCH AT MEDICAL SCIENCES

The Faculty of Medical Sciences (FMS) made history and moved closer towards fulfilling its goal as a top-notch research facility on Thursday 23rd January, 2003, when the first Research Day was held. The event assumed the dimensions of a conference event, featuring oral and poster presentations of groundbreaking research on a diverse range of subjects including Medical Biology, Gene Research, Nutritional Education, Health Sector Reform, Sickle Cell Disease, and Vascular Disease, Psychotic Disorders in the West Indies and Europe as well as Pain Management.

At the Opening Ceremony, Dr. Dan Ramdath, Chair of the Organising Committee, stated that the purpose of the Research Day was to focus on research output by staff and graduate students. It was also an opportunity to promote funding opportunities for future research projects.

Dr. David Rampersad, Director of UWI's Business Development Unit, endorsed this point, noting that "Research is the lifeblood of any University... and is beneficial not only in the academic setting, but also for the national and regional public." Referring also to the University’s Research Days in April 2003, he noted that emphasis will be placed on marketing the University’s research capabilities in order to encourage local academics to continue their research here; and to attract foreign researchers and academics to the University. Professor Kochhar, Deputy Principal of the Campus, reiterated the University’s commitment towards developing into a leading research facility.

At the Ceremony, Dr. Phyllis Pitt-Miller, Dean of the Medical Sciences Faculty, observed that there was an increase in the quality and quantity of research output, which was due to interdepartmental and interfaculty collaborations, as well as the addition of graduates who have returned as staff to the Faculty. She added that the goal of the Faculty was to make the Research Day “an annual event where staff and graduates [have] the opportunity to make other researchers aware of what their colleagues [are] doing”. She also suggested that researchers use the opportunity to “provide relevant research as they strive to become centres of excellence and another beacon of light from the West”.

In addition to oral presentations of completed and ongoing projects, the Research Day featured a popular Display Area where medical and commercial sponsors and affiliates of the Medical Sciences Faculty shared the space with Poster Presentations of research that was not featured in the oral presentations. Some Medical Students visiting the Displays acknowledged that the event made them proud and provided great encouragement for them to pursue their own goals.

Dr. Ramdath, who interrupted his sabbatical to chair the committee, pointed out that while they had the example of the Mona Campus’ Research Day as a guide, the Committee had to do “a lot of groundbreaking work on [its] own”. He is hoping that the infrastructure established by this committee can be used as a template for subsequent FMS Research Days.

The committee comprised Dr. Ramdath, Dr. Georges, Lecturer at the Veterinary School, Dr. Boodoo, Medical Sciences Librarian, Dr. Hutchinson, Senior Lecturer in Psychiatry, Dr. Mungrue, Lecturer in Primary Care and Public Health, Dr. Naidu, Lecturer at the School of Dentistry and Dr. Pinto-Pereira, Senior Lecturer in Pharmacology.

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STAN was pleased to speak recently with Professor Bajic-Brkovic, the first female Professor in the Faculty of Engineering at UWI, St. Augustine. A graduate of the University of Belgrade in the former Yugoslavia (now known as Serbia and Monte Negro) where she attained her first degree in Architecture, Professor Bajic-Brkovic then went on to study at the University of California, Berkeley, where she gained her Masters Degree in City and Regional Planning. She then studied partly at her alma mater in Belgrade as well as at Rutgers University in New Jersey, USA, to gain her PhD.

She was also an intern at the United Nations, New York, before returning home to lecture at The University of Belgrade where she was Vice Dean and Head of the Post Graduate programme in the Faculty of Architecture (which includes Planning and Development). Professor Bajic-Brkovic has also taught at several other European Universities including the University of Ancona, Italy, and she is currently Secretary General of the International Society of City and Regional Planners, head quartered in the Hague, Holland, and an expert with the European Commission, DG XII-Science, Research and Development.

STAN: When did you join the UWI and why did you choose to apply for a position at this institution?

PROFESSOR: I joined the UWI in August 2002, where I teach in the Department of Surveying and Land Information, in the MSc. Planning and Development Programme, I am also the programme co-ordinator. I heard about this University through the Commonwealth Universities network and found UWI a very interesting and attractive place for career advancement, but also a challenging place where one can learn a lot, and work on own professional development. The programme in planning and development is very interesting, and has good potentials to be developed further. Initiated in collaboration with McGill University only seven year ago, it developed into a good programme, very much alike similar planning programmes in the US or Canadian universities. But, we have to go on, and make it even better and more competitive on the international level. The world is changing, there are new values, concepts and ideas arising, there are new actors on a planning scene, nationally but internationally as well. Today, we plan and develop in a different way than we did ten years ago, and the MSc programme has to reflect these changes, and dynamics going on. From that point of view, I find this position very attractive, and rewarding, a place where I can contribute, but learn more as well.

STAN: Tell us about the areas of research that you are focusing on?

PROFESSOR: My research opus includes three themes. All of them I think are of interest for Trinidad and Tobago, and the Caribbean region, in general. The first one embraces number of questions on relationship between environment and development. Emphasis is on planning perspective, and course. Environment-development is not an either-or question. They could work together. Here, in the Caribbean, I am especially interested in research related to land development, coastal zone development, and settlements development. Another area of my research interest relates to settlements development, and urban structure, while the third one, is the application of Communication and Information Technologies (CIT) in planning and planning related issues- public participation, decision-making process, professional work, and alike. I have just finished a paper on the state-of-the-art of CIT in Trinidad and Tobago. The paper will be presented and published at the CUPUM03 conference in Japan, and will be introduced to the UWI community on occasion of the Research Day.

STAN: Coming from a country that has had quite a volatile history, what do you think about the current situation in Iraq?

PROFESSOR: I am anti-war, I am a pacifist and I do believe in diplomacy and dialogue.

STAN: It must have also been very distressing to hear about the recent assassination of your Prime Minister Zoran Djindjic?

PROFESSOR: Yes, it was terrible, a great loss for the country. He was an exceptional man, with fantastic energy, and vision. We use to call him a man of the Twenty First Century. I do hope that my country will find a way to cope with the situation and keep going the way traced in 2000.

STAN: Is your family with you in Trinidad?

PROFESSOR: My husband is here, and he is enjoying your beautiful tropical country very much. My son is a student of Architecture at The University of Belgrade and ...(smiles) is doing very well.
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They came in the thousands, to cheer their favourite teams at the opening of the twenty-fourth UWI Games. Every night over 3000 sports fans converged on the UWI Sport and Physical Education Centre (SPEC) to support the friendly intercampus rivalry and get a first hand look at some of the most talented athletes in the Caribbean.

This year, the 2003 Games saw the emergence of many firsts for the Campus and the University. The event was staged for the first time at our 19-acre, state-of-the-art Centre on Campus, where the launch began with a definite bang. Complete with 300 cheerleaders, African drummers, a video on the development of the centre (with congratulatory remarks from President of Trinidad and Tobago and former campus Principal, Maxwell Richards), the dual opening of the Centre and Games was a prelude of even greater things to come. The talented athletes seemed inspired by the facility and the overwhelming support of students, staff and the neighbouring community, as spectators came armed with flags and faces painted in team colours; and every game from basketball to netball was played with intensity and focus. There was also another “first” in the history of the games as the St. Augustine Campus Cricket team emerged as champions under the keen leadership of Captain Fanjeev Maharaj.

At the launch of the two week event on Sunday 16 March, the Minister of Sports & Youth Affairs, Roger Boynes, also gave his insight on the importance of the development of activities and facilities like these at the UWI. While Campus Principal and Pro Vice-Chancellor Dr. Bhorendradatt Tewarie also spoke about the benefits of the University’s knowledge based approach to sport, with the development of several programmes including a certificate in the Art and Science of Coaching and the introduction of courses like The Bachelor of Science degree in Sport Management.

“Traditionally, our education system in general, but higher education in particular has made very little provision for the combination of sports and academics,” Dr. Tewarie stated. “Yet on a per capita basis, we have not done too badly in the world as a region in athletics and sports... One of the ways to ensure that we make progress, is to take a much more scientific approach to sports and games and to develop the capacity for treating with sports as a legitimate academic endeavour.”

Congratulations to our Cave Hill, Barbados team as they emerged as overall winners, with St. Augustine in second place and Mona, Jamaica (who took the lead in Track and Field and Volleyball) in third. All teams played well and showed particular skill in a variety of areas – A STANDING ovation to you all - Champions everyone!
EXTREME CLOSE-UP
Lights…camera…and…get ready to discover the world of photography, through the lens of your camera with the UWI Photography Club! The newly reformed UWI Photography Club (UPC) with a fast growing membership of 22 photographers, is “committed to the development of keen, artistic…minds”. The UPC was especially active during the late 70’s and early 80’s and so in an on-going attempt to revitalise the Club’s activities and membership, a field trip to the Queen’s Park Savannah was recently held. The purpose of the trip, under the direction of Ryan Rampair, was mainly to help members develop the skills to effectively produce professional black and white photographs. Upcoming events for the Club include the UPC’s photography display in the UWI Main Library, showcasing the talent of its members. Learn more about the Club: Thursdays, 4:15 pm – 5:15 pm at the SAC conference room; or click onto uwiphotoclub@yahoo.com

GRADUATING IN STYLE
The School of Continuing Studies (SCS) graduation of Further Education Class Programme Students took place on 27th November, 2002 at the new Sports and Physical Education Centre, St. Augustine Campus. At the landmark event, 400 SCS graduands entered the recently completed stadium wearing gowns, for the first time. At the ceremony, Professor Gurmohan Kochhar, Deputy Principal St. Augustine Campus, commended Dr. Lennox Bernard, Resident Tutor/Head and his staff on their achievement in bringing significant numbers of mature students to the point where many may now access Bachelor’s degree programmes. Dr. Bernard provided a report on the wide-ranging activities of the School. He also stated that the School will offer a selection of Associate Degrees from September 2003.

A brave new world of research possibilities and innovations was unveiled at The University of The West Indies Research Days in April. The St. Augustine campus has had a long and distinguished history of research, especially in the areas of Tropical Agriculture, and in 2003 the Campus held true to this tradition. This is the first year that The University hosted its official Research Days, allowing faculty and graduate students to share and exchange ideas on their current research projects; and for the general public to be fully exposed to the buzz of academic activity at UWI.

The valuable contribution of research towards achieving Vision 2020, was underscored by Senator The Honourable Joan Yuille-Williams, Minister of Community Development and Gender Affairs, who delivered the Feature Address. Senator Yuille-Williams praised the University for its initiative, noting that the event was the right step towards producing “a remarkable civilisation”. She also testified to the government’s emphasis on developing tertiary education, adding, “For the present and future, it is our intention to equip more and more of our citizens with education and training at the highest levels”.

For the main exhibition at SPEC, all the faculties made impressive showings, with booth displays presenting the research activities of staff and graduate students via poster displays, video and multimedia presentations.

Throughout the main campus, staff, students and members of the public had an intriguing array of faculty seminars on current research projects to choose from. These ranged from an interactive theatre presentation by CCFA’s Arts in Action on ‘Research in the Hu-
NEW CHAIR FOR ENGINEERING

Principal of The St. Augustine Campus, Dr. Bhoeendradatt Tewarie received an initial cheque of US$100,000 from Rick Cape, President of Atlantic LNG for the establishment of a Chair in Environmental Engineering Studies recently at his Campus Office. Atlantic LNG will continue to fund the Chair over the next seven years.

CREOLE RECITATIONS

The Centre for Gender and Development Studies hosted “A Post-Carnival Interlude” at the Social Science Faculty Lounge on Thursday 6th March, 2003. The event, which was organized by Mirriam Auguste and Heather Collins of the Centre For Gender and Development Studies, was held to introduce the book Creole Recitations, and its author Dr. Faith Smith. Artist Christopher Cozier, whose work appears on the cover of Creole Recitations, was also invited to present a selection of slides of past and ongoing work to the audience. Creole Recitations is a study of John Jacob Thomas and Colonial Formation in the late nineteenth-century Caribbean. Thomas, a Black schoolmaster and pan-Africanist in late nineteenth century Trinidad, wrote a grammar of Trinidad Creole in the 1860’s, long before it was fashionable to defend Caribbean Creole languages. In 1889 Thomas also published Froudacity: West Indian Fable Explained, in response to a travel narrative by the Victorian historian James Anthony Froude.

In addition to presenting ongoing work of crime management strategies for the Caribbean, Dr. Tyrone Ferguson’s presentation on ‘Transnational Crime and Security in the Caribbean’, also indicated that a significant number of graduate students were involved in his research initiative.

The UWI Research Days was a success in terms of its organisation, content and scope. STAN commends and congratulates the organisers of the University Days among them, the Research Days Committee, Prof. Wayne Hunte, Pro Vice Chancellor for Research, Zaleena Ramnath of The Office of Research, Dr. David Rampersad, Director of Business Development, Dawn Marie De Four Gill and her staff at the Marketing and Communications Office and Tyra Bacon, Assistant Registrar (Postgraduate Studies).
The February field day at The University Field Station at Mount Hope, was organized to introduce researchers, extension workers and farmers to new and promising varieties of tomatoes coming out of breeding programmes and to obtain important feedback from them as to their opinions and market acceptability of these varieties.

At the field day 19 tomato varieties under whitefly protected or unprotected conditions with four replications were evaluated. Each plot consisted of 4-6 rows of the tomato varieties. Ms Jermaine Walker is the postgraduate student and Mr. Saran Harriram, the technician associated with the research project. Drs Umaharan, Brathwaite and Mohammed are supervisors of the project.

Tomato is a crop grown in Trinidad and Tobago by approximately 350-400 farmers. Presently, an estimated 420 h.a. is grown under tomato, which is approximately 5-6 % of the arable land under vegetable and root crops in Trinidad and Tobago. Most of the production at present is carried out in open fields, although some greenhouse production and grow box production is also popular. The high prices coupled with a year-round demand for tomato, make tomato cultivation a profitable venture. However, the productivity of tomato has been seriously affected by a begomovirus and its vector, the sweet potato whitefly (Bemisia tabaci). In Trinidad and Tobago the only begomovirus reported to date is the potato yellow mosaic virus (PYMV). PYMV was first noted in tomato in 1989 and since then has grown to epidemic proportions. The extremely poor tomato production in the early 1990’s was attributed to the devastating influence of begomoviruses and its vector, Bemisia tabaci, on the tomato crop. Although production levels have since increased somewhat by better management of whiteflies and the use of varieties tolerant to begomoviruses, levels still continue to be affected by an unestimated amount. Conservative estimates of yield loss due to the Bemisia-Begomovirus complex, at present is around 20-30%. No study has been done to estimate the losses associated with the incidence of begomoviruses.

Hence the importance of this present study by The UWI, which is part of a European Union funded project entitled ‘Begomovirus Management for the Sustainable Production of Tomato in the Caribbean’ abbreviated as BETOCARIB.

The project has several components, including identifying begomovirus and whitefly biotypes in the region, using molecular diagnostic methods, developing epidemiological models to understand critical factors in the epidemiology of the disease, identifying varieties tolerant to begomoviruses/ other diseases adapted to the region and finally testing the effectiveness of all the components in several Caribbean territories.

Researchers from the Vegetable and Pathology divisions of the Ministry of Agriculture, CARDI and CABI, extension workers from all the counties in Trinidad, other stakeholders from NAMDEVCO and seed marketing companies, 110 tomato farmers from a tomato farmer database developed for the BETOCARIB project and fellow researchers, research and business administrators, public relations personnel, technicians and postgraduate students from UWI were invited and over 100 attended. A large percentage of guests consisted of extension workers and researchers. The visitors were taken to the field in groups and introduced to the varieties and the diseases. They were then able to evaluate the varieties based on a scoring system, on cards provided to them.

The tomato field day was an undeniable success, not only based on the attendance, but also on the number of quality discussions that emerged during the activity sessions. There was considerable goodwill displayed by the various stakeholders and essential feedback was gained.

This is the first among a number of field trials being planned by the Faculty of Science and Agriculture. Field trips like this one will allow the various stakeholders involved in Agriculture to interact so that research is always kept in-tune with problems experienced by those on "the ground".
TRIBUTE

Professor Peter R. Bacon of the St Augustine campus of the University of the West Indies died at the age of 64 after a long illness.

Professor Bacon was born in England, but he spent the greater part of his adult years and professional life in the Caribbean. He studied at the University of London, and completed his graduate work at the St Augustine campus of UWI, becoming in 1969 the first PhD graduate in Zoology. He then worked successively at the campus, as well as at the University of Calabar in Nigeria, and for 11 years at the Jamaica campus of UWI, before returning to St Augustine as Professor of Zoology in 1993.

Prof. Bacon’s main research interests were in the ecology of coastal zones and wetlands, in which he established a strong international reputation. He is the author of more than 150 scholarly publications and was widely consulted in his area of expertise. In addition, as the leading academic zoologist in Trinidad & Tobago, he took his administrative and teaching duties very seriously. He was also Head of the Department of Life Sciences at the St Augustine Campus.

He supervised about 20 graduate theses in Jamaica and Trinidad and was one of the architects of UWI’s very successful MSc in Management of Tropical Environments programme, which has graduated 44 students in its four years of existence. Many of these MSc graduates have impressive portfolios as leaders in the energy sector.

In addition, Prof. Bacon was the driving force in re-structuring and enhancing the conditions under which graduate research students in Life Sciences work.

Peter R. Bacon is survived by his wife of many years, Tyra Bacon, their daughters Natasha Whetcombe of England and Nyla Vallely of Australia, son Kevin Bacon of Japan, sisters Susan Oachs (USA) and Elizabeth Hollows (England), and their families.

GET REAL WITH WORLD OF WORK

Students don’t have to travel far to prepare for the real world. The University’s popular programme (hosted by Student Advisory Services, The Guild of Graduate, Trinidad and Tobago Branch and Republic Bank Limited) enables St Augustine campus students to have a smooth and successful cross-over to the World of Work. This three-part programme, which began in March, continues to provide students with the tools they need to acquire the job of their dreams. The World of Work (WOW) Seminar which was held on 15 March, was highly successful, as were the Mock Interview Sessions on 29 March at the JFK Auditorium.

At the coaching sessions students were able to learn from professionals in the field including Lara Quentrall-Thomas (Regency Recruitment Agency), Nicole Crooks (Petrotrin), Ian Thomas (bpTT), Dave Kowlessar (DYKON Development Limited) and Judy Ahamad (The Professional Institute). The upcoming Recruitment Fairs in April, will continue this trend, as the event will give students exciting opportunities to work with leading companies. Local, regional and multi-national companies will be recruiting students for employment at the JFK Auditorium — a once in a lifetime opportunity that can’t be missed! So for more information visit or call Student Advisory Services.
J'OUVERT

Haitian Independence Bicentenary Conference

Re-interpreting the Haitian Revolution and its Cultural Aftershocks, 1804 – 2004

The year 2004 will mark the two-hundredth anniversary of the proclamation of Haitian Independence by the former slave Jean-Jacques Dessalines. These two hundred years have been marked by a long, tortured process of social, political and economic decline in the first black republic in the New World. Culturally, however, Haiti has remained highly productive: artists and thinkers of great note continue to emerge from the island: from Jean-Price Mars to Jacques Roumain, Rene Depestre, and Anthony Phelps, to contemporary figures such as Dany Laferriere, and Edwidge Danticat, Haitian art has thrived both inside and outside Haiti. There could be no more appropriate time to stage a conference on the cultural influence of the Haitian Revolution than in 2004, a year which offers a unique opportunity to look back over the first two hundred years of independence, to engage with contemporary issues, and to look forward, to envision how the revolutionary legacy might manifest itself (or not) in the future.

History and culture are inextricably linked, particularly in Haiti, and this conference will seek to identify the many ways in which the great historical upheaval of the revolution has touched culture in Haiti and beyond. The conference will therefore seek to re-interpret the cultural legacy of the revolution, evaluate its influence on all aspects of culture in Haiti, and in the wider world. The conference will also address questions such as: what were the immediate effects of the revolution on Haitian culture; how has the memory of revolution formed (or deformed) Haitian culture over the past two hundred years; and how is the legacy of the revolution manifested in contemporary Haitian literature, art, religion, and music? Also, what influence did the revolution have on cultures outside of Haiti, in the islands of the Caribbean, the Americas as a whole, Europe, indeed, anywhere? How did the revolution impact on theories of culture and race? How did refugees fleeing Saint-Domingue influence the cultures of the new lands they settled, be they Jamaica, Trinidad, Cuba, Louisiana or wherever? How has the revolution been represented in the cinema? What role did language play in the revolution, and in subsequent Haitian resistance?

The Faculty of Humanities & Education, Department of Liberal Arts invites papers in English, French or Spanish on these and other manifestations of the cultural legacy of the revolution. Please send proposals of 300-500 words length, along with a brief C.V. before 30th September, 2003, to Dr. Elizabeth Walcott-Hackshaw or Dr. Martin Munro at haiti2004@fhe.uwi.tt

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CARDI EXPLORES LINKS WITH CIRAD

Claude Vuillame of the Centre de Cooperation Internationale en Recherche Agronomique pour le Developpement (CIRAD) visited The Caribbean Agricultural Research and Development Institute (CARDI) in January, to explore the possibilities of collaborative linkages between CIRAD and the English Speaking Caribbean. Vuillame is the CIRAD Caribbean Regional Cooperation Representative based in Guadeloupe. Both organisations exchanged information through presentations on their respective organisational structures, core business and research capabilities. The CIRAD representative also met with staff of each department for an overview of their programme, the strengths and weaknesses and opportunities for collaboration. Vuillame also met with staff of the Faculty of Science and Agriculture and the Cocoa Research Unit.

ARTEFACTS FOUND IN VILLAGE

Ghandi Village is the location of an historic find of pottery, believed to be more than 1,000 years old. The Amerindian artefacts were discovered by a team of researchers from the University of The West Indies. Dr. Basil Reid, lecturer in Archaeology at The UWI and a team of 12 students from The Department of History unearthed several artefacts at the site, including hard stone chiselled instruments believed to be used by Amerindians for scraping the hides of animals, as well as articles used for food preparation.

The pre-Colombian samples, which were found on a hillside confirmed the belief that Salenoid people were in the habit of occupying hilltop locations because they afforded them a full view of the landscape and also protected them from attacks from members of other tribes, "Reid stated in a recent interview with the journalist Louis Homer.

The artefacts were catalogued and sent to the UWI for further research.
Renowned, award-winning short story writer and poet, Olive Senior, gave a rare Special Reading to the public on Friday 14th March at The University of The West Indies. This event was part of The Department of Liberal Arts, Faculty of Humanities and Education 4th Annual Campus Literature Week from Monday 10th March to Friday 14th March.

The week of events celebrating literature, entitled Word Up! - A Feast of Poetry & Prose, featured Lunch Time Readings from 12 PM to 1 PM from Monday through Thursday at the Main Library, 3rd Floor.

Campus Literature Week was coordinated by Dr. Funso Aiyejina, Lecturer at the Department of Liberal Arts. According to Dr. Aiyejina, “The purpose of the celebrations is to expose literature to the wider community and to give an avenue of expression to all members of the campus community, since participation is not limited by department.”
NO PAIN, MUCH TO GAIN

The Anaesthesia & Intensive Care Unit, (AISU) a division of the Clinical Surgical Sciences Department of the Faculty of Medical Sciences, UWI, hosted The Irish UWI Joint Anaesthesia Meeting in Tobago (IUJAMT) at The Tobago Hilton in March. IUJAMT 2003 is the brainchild of Professor Anthony Cunningham, President of the College of Anaesthetists, RCSI in Ireland. AISU comprises Dr. Deryk Chen, Acting Head, Dr. Andrew Amata, Dr. Lorna Merritt-Charles and nine associate lecturers. The Unit has been developing its increasing research interests and activities in areas such as cardiac anaesthesia, alternative medicine use and pain management. AISU’s vision is to re-train anaesthetists to develop new technological skills in order to progress in the rapidly changing global environment. The mission of IUJAMT is to bring the educational opportunities of the Unit's specialty into the local arena, producing a seminar of high international standard. As a result, AISU members shared their experience of Anaesthesia in the Caribbean, especially in Trinidad and Tobago.

A Sound Business Plan

This summarises the project and should be presented in a clear and concise format. It is expected that the information provided is generally factual and that sufficient research and analysis would have gone into its preparation. A business plan addresses issues such as: What does the project entail? Details of the capital costs and financing plan, i.e. debt vs equity. Projected cash flows and profit and loss statement for 3 to 5 years, outlining all assumptions. How will the organisation be structured (i.e. legal form of the business)? How are the members of the management team and what are their core competencies? How is the product/service to be marketed? How is the product/service to be marketed? What are the business' strengths and weaknesses relative to competitors? Do opportunities for growth and expansion exist? What are the environmental factors, e.g. political, social, economic and technological, that can impact upon the firms operations?

Audited Financial Statements/Cash Flow Projections

Existing companies are required to provide the Bank with financial statements (balance sheet, profit & loss), indicating the historical performance from which certain trends can be deduced. For entirely new businesses, analysis will be based solely on cash flow projections, however this is also requested of existing businesses, particularly in the case of new projects. Cash Flow Projections simply seek to evaluate whether the business can meet its maturing debt obligations based on future cash inflows. The cash flow projections should strive to present a realistic and attainable view of the possible future cash inflows and outflows of a business. Banks place emphasis on the feasibility of the assumptions, upon which the projections are based in light of current and future market trends and the general business environment.

Adequate Capital or Equity Injection

The Bank may be unwilling to provide financing if there is insufficient equity capital as it may be unprepared to absorb all the business risk. Also, a business proposal is more bankable and with less debt servicing requirements if equity is increased.

Collateral

To mitigate the risk associated with lending, financial institutions generally require some form of collateral, be it tangible or intangible (for example a guarantee). Although cash is the preferred security option, other accepted forms of security include various equities, stocks and bonds, properties, machinery and equipment as well as vehicles. It must be noted however, that the Bank is not obligated to provide financing simply on the basis of collateral provided.

In summary, the Bank is committed to financing viable and adequately capitalized business opportunities, whether new or existing, based on growth potential, management capabilities, strong past performance, realistic cash flow projections demonstrating ability to service the debt and adequate collateral coverage. The financier’s decision to lend, is based on a combination of factors which are all equally important and which a business proposal should address.
Many students from Universities across the globe have visited our campus recently including nine students from Dalhousie University, Halifax, Nova Scotia. Their visit was part of the UWI and Dalhousie University petroleum collaboration. Students enrolled in the third and fourth year honours programme in petroleum geology participated in an intensive course of field laboratory and classroom study with second year petroleum Geoscience Students on campus. The students were accompanied by Dr Grant D. Wach, Professor of Petroleum Geoscience.

The Faculty of Engineering was also the host to a group of students from the Trinidad and Tobago Institute of Technology (TTIT) that visited the Faculty in February. These students are the first to be registered in the BTech programme in Mechanical and Electrical Engineering at TTIT. The students, as well as some staff from TTIT met with the Dean, the Heads of Departments of Mechanical and Electrical Engineering and other academic members of staff of the Faculty and Mrs. P. Brown, Assistant Registrar, Student Affairs (Admissions). They also toured the laboratory facilities of Electrical and Mechanical Engineering and the Main Library. Students were accompanied by the CEO of TTIT – Mr. D. Bhajan and Mr. H. Khan – Manager, TTIT. While the BTech programmes are being taught at TTIT, the Degrees, will be awarded by The University of the West Indies. The Departments of Mechanical and Electrical Engineering are involved in ensuring the quality of these programmes and with providing First and Second Examiners wherever necessary. These students will have parallel registration at the St. Augustine Campus and will also have access to the Faculty and the library. It is expected that these students who are part-time and working in industry, will visit the Campus on a more regular basis as the programme gathers momentum.
### April

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| 2    | Active Learning Strategies  
      | Building Concepts & Concept Maps - IDU |
| 5    | Trinity Hall Valedictorian Dinner |
| 6    | Opening of Research Days 2003 |
| 7 – 9| Research Days  
      | Possibilities and Partnerships  
      | Sport and Physical Education Centre |
| 8    | Guild Elections |
| 10   | World of Work Recruitment Fair  
      | for Vacation Employment |
| 11   | World Of Work Recruitment Fair  
      | (prospective Graduates) for Graduate Employment |
| 12   | Milner Hall Valedictorian Dinner & Fete |
| 23 & 24 | Making The Most of Technology:  
           | Nuts & Bolts of Online Learning/Preparing Your Course for Online Learning - IDU |

### May

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| 6 & 7| The Reflective Practitioner:  
      | Preparing a Teaching Portfolio/Dossier - IDU |
| 19 & 23| Using WEBCT To Deliver A Course Online  
          | Venue to be announced |
| 26 - 28| Linking Teaching with Research  
          | - A Scholarship of Teaching  
          | A workshop with Prof. T. Angelo. SALISES Conference Centre |

### June

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| 9 - 13| Using WEBCT To Deliver A Course Online  
        | Venue to be announced |
| 27 - 29| The Sixth International Workshop  
          | on Herbal Medicine  
          | hosted by The Caribbean Association of Researchers and Herbal Practitioners (CARAPA), in partnership with the Faculties of Medical Sciences and Science and Agriculture - UWI, St. Augustine. For further information please contact Tricia Tikasingh at 684-9491 or email: tikkimaria@yahoo.com |