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**THE UNIVERSITY
OF THE
WEST INDIES**
ST. AUGUSTINE CAMPUS

The St. Augustine campus of The University of the West Indies is committed to the development of Caribbean countries. At all times, it will seek to contribute to that development by producing graduates and research of high quality, relevance and usefulness in sufficient quantity and at minimum cost.

The St. Augustine campus, by the conduct of its own staff and students as well as by the content of its academic programmes, will strive towards the inculcation of social values of shared communal responsibility, social justice, and respect and tolerance for differences in beliefs, philosophy, ethnicity and culture.

The St. Augustine campus aims at being an intellectual bridge to the wider Caribbean region and the rest of the world, assisting its member countries to benefit from the rapidly growing and constantly changing world stock of ideas, knowledge and expertise, and itself contributing to that stock in ways that enhance the international standing of the Caribbean.

CHAIRMAN'S STATEMENT



Mr. Michael Mansoor
Chairman – Campus Council

The St. Augustine Campus is experiencing a period of expansion, as it continues to implement the strategic plan for 2002-2007. One of the most notable areas of expansion is the steady rise in student enrolment, particularly at the undergraduate level. These figures are made possible by the Trinidad & Tobago government's financing programmes, UWI's ever-increasing bursaries, scholarships and loans, the promotion of the University locally, and the significant effort to attract prospective students at college fairs and school visits throughout the region, in partnership with Resident Tutors at the University Centres.

A large and growing student body is an added impetus to the capacity-building initiatives currently underway on the campus. These include the construction, renovation and re-outfitting of the physical infrastructure for teaching, research, accommodation, and recreation. In terms of technological infrastructure, significant steps have been taken toward a digitally unified campus, with wireless access to a larger, more coherent Information Technology network. The Campus Libraries have continued to be leaders in this respect, as they serve as a repository of, and gateway to, uniquely Caribbean information resources. Of vital importance also, are the continuing efforts to secure the persons who make up the campus community, as well as their physical and intellectual property.

Campus growth can also be seen in terms of new programmes, course and degree offerings in all faculties; widening the range of options for students' academic development, at the undergraduate and postgraduate levels. It has also been a particularly rich year for academic outreach, through conferences such as the Critical Thinking Conference, workshops, and symposia, including the immensely popular Open Lecture Series, and visiting scholars, hosted on campus. Faculty also presented papers internationally, and engaged in a number of collaborative research projects across departments, faculties, and with international scholars. In fact, the St. Augustine Campus is linked to over 60 universities worldwide. This is one example of the increase in the number of collaborative linkages with external and international bodies. These linkages with governmental and nongovernmental organisations, and partnerships with industry, include but are not limited to consultancies, working agreements, support through funding, and professional training.

The importance of cutting edge multidisciplinary, cross-disciplinary and interdisciplinary work is being highlighted, in particular, by the campus' institutes, centres and units. Here, as well as in faculties, research is being connected to national and regional development concerns; influencing planning and policy around topics such as HIV-AIDS, gender, environmental conservation, disaster mitigation, and regional integration, among others.

Within the framework of the campus' strategic objectives, this expansion and outreach is continually being connected to quality, and a focus on students is threaded through all aspects of campus operations. Quality reviews and accreditation, as well as instructional development interventions are a few of the steps taken to ensure a top-quality education for students at the St. Augustine Campus. The need for further initiatives of this kind is evident. The success of existing endeavours can be seen in the numerous awards, honours and recognition given to members of the faculty and student body over the past year.

As Chairman, I ask you to join me as I reflect with pleasure on the numerous achievements of the last academic year. Along with the Campus Management, let us all as stakeholders in The University of the West Indies re-affirm our commitment to making our vision of the premier institution for tertiary level education in the region, ever more a reality.

A handwritten signature in black ink that reads "Mike Mansoor". The signature is written in a cursive, flowing style.

Mr. Michael Mansoor
Chairman – Campus Council

CAMPUS PRINCIPAL'S REVIEW



“During the period in review there were several accomplishments that underscored the strategic objectives.”

By the end of the academic year 2002/2003 operational plans had been set in motion by most units and implementation was proceeding in a systematic fashion. To this end a comprehensive set of guidelines to assist heads in the preparation of operational plans was developed and shared in meetings between the Principal and Heads of Departments. Aligning activities and resource allocation at departmental level with the strategic priorities at the campus and university levels was one of the goals of this exercise. A small consulting/advisory group including the Deputy-Principal and the Director of Planning assisted Heads as the need arose and reported to the Principal. Heads were encouraged to be specific about targeted outcomes, timelines, the allocation of responsibility, and the identification of appropriate performance indicators. Throughout the year several interventions were arranged by the Office of the Campus Principal with heads of various teaching and support departments in an effort to provide guidance, direction and focus to the exercise to ensure that action was taken to achieve objectives.

Expansion of Access

The 2003/2004 academic year witnessed an unprecedented increase in registration at the St. Augustine Campus, provisional data indicate a 28% increase of 2,394 students over last year's figures. A consequence of this positive growth rate is that it presents challenges that must be overcome at all levels of teaching, administration and support services. There was an increase of 21.4% in undergraduate registration and 10.8% in postgraduate registration resulting in an overall increase of 18%.

Notwithstanding such success, the campus mounted the traditional 'Open Days' with the theme this year being "*Fast Forward Into Your Future*". The three-day event saw over 10,000 high school students, teachers and parents visiting the campus to learn more about career choices, the various degree options available at UWI, and, the appropriate combination of subjects required to pursue the various degrees offered.

For the third consecutive year, the increase in undergraduate registration has far surpassed the target of 5.8% set out in the Strategic Plan 2002-2007. However, registration of persons pursuing higher degrees did not achieve the desired goal of 11.5% per annum. This may be due to the low level of financial support available to postgraduate students. Although the overall target for postgraduate registration was not achieved, the School of Education and the Faculty of Social Sciences have recorded increases of 19.8% and 24.4% respectively. More, therefore, needs to be done at postgraduate level to attract

quality students in Science and Agriculture, Humanities, Engineering and Medical Sciences.

International Students

For the academic year 2003/2004 it is expected that over 200 students from foreign Universities will visit the St. Augustine campus because of intensified efforts to bring international students here for custom-designed programmes. Letters of intent were signed with 14 new universities between May 2003 and present, and Co-operative agreements signed with Texas A&M and University of Plymouth.

Continuing the Outreach Thrust

Closer to home, students residing in Tobago are now able to complete their first year of selected Bachelors of Arts degrees on the island, including a first degree in Educational Administration for primary schools. Moreover, the School of Continuing Studies will offer three new Associate Degree programmes in September 2004 and at the same time the Evening University will be launched. Distance Education is also expected to expand.

Student Centredness

A major concern, because of the expansion, has been support for a larger number of students. Steps were taken to ensure that all Faculties offer academic and career counselling. Psychological Counsellors now work with Deans and Deputy Deans to support students in academic as well as other matters. In addition, staff/student liaison committees were established to provide student feedback on important issues and events taking

place in Faculties. This has ensured that problems and challenges can be addressed early in the semester.

The registration process was strengthened and improved in 2003/2004 and the orientation for new students was re engineered for relevance, participation and fun. To prepare students for life beyond the classroom, the World of Work programme and the Mentorship programme were redesigned and strengthened with the result being greater participation. Internship and co-operative sandwich programmes across various faculties with industry playing a partnership role are growing. More and more students are also opting for co-curricular credits through which students pursue non-academic interests such as sport, outreach and/or community development activities to add to their experience, exposure and degree credits.

Library Services

The 24/7 facility at the Main Library is now fully operational. Extended opening hours are now the norm at the School of Education library. Services at the Main Library are supported by a newly-installed generator which ensures that there is an uninterrupted power supply as well as a new cooling tower to ensure that the environment in which students have to study is comfortable and conducive to learning. On-line access to a range of library resources makes working in the library sheer joy.

Regional Students

Recruiting students from across the region has been receiving more attention. Teams from the campus

visited fairs, schools and colleges over a period of eight weeks to talk with stakeholders about UWI. Some of the islands visited include Antigua, Barbados, Dominica, Grenada, St. Lucia, Tobago and The Bahamas. Resident tutors from School of Continuing Studies played an integral role in working with event coordinators and members of the Marketing and Communications Office to market and plan the event. Stu-

dents and professionals were very interested in the UWI Prospectus, newsletters and videos and in attending UWI.

Distinguished Speakers

Some of the world's leading intellectuals and artists were featured in 2003-2004 at The University of the West Indies Distinguished Open Lectures, including Nobel laureates and award winning scientists and

economists. The key objective of these Open Lectures is to bring intellectuals from across the world to our St. Augustine Campus, so that they may share their insights, ideas and discoveries with the public and engage faculty members in discussion and dialogue. Understanding the profound importance of discourse to our national development, we have promoted these public talks as a stimulus and in just over

FOCUS ON... STUDENTS

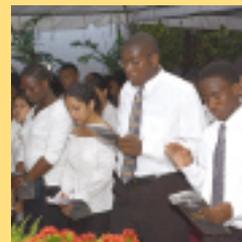
SECOND MATRICULATION CEREMONY

The University of the West Indies, St. Augustine formally welcomed over 3,500 new students at the Matriculation Ceremony, which was held on September 8th, 2003 at the JFK Quadrangle, St. Augustine.

In one year, the University campus has seen tremendous growth with the intake of over 4,000 new students creating a 19.8% increase in overall enrollment. The University's commitment to widening the opportunities for a quality university education for people throughout the region, has led to an increase in enrollment, more academic programmes, new research projects, alongside the construction and refurbishment of campus facilities.

At the Matriculation Ceremony, Deputy Principal Gurmohan Kochhar welcomed students, staff, parents and guardians and reminded freshers that the ceremony marked a "significant moment...it marks your induction as members of the University. In formally entering this University community, you agree to follow a path of learning and lead an exemplary life".

During his address Dr. Tewarie underscored the need for students to never settle for mediocrity and instead excel in all facets of life.



"In whatever direction life may take you, always strive to be the best" he explained at the Ceremony. "...you should not settle for any thing less than being the best that you can be...Ultimately, however, it does not matter too much whether you end up being number one, because it is the striving for perfection that really matters."

In pursuing their dreams, the Campus Principal also encouraged students to develop an altruistic attitude, one that is focussed on integrity, responsible citizenship and ethical conduct.

"While you pursue your dreams, try not being a selfish and self-centred person. Develop a certain generosity of spirit; there is too much pettiness and meanness of spirit in this country and region."

Scholarship winner and Medical Sciences student at UWI, Leigh-Ann Bartholemew signed the student register on behalf of the student body during the Ceremony. She is among the more than 100 scholarship winners from the Faculties of Engineering, Humanities and Education, Science and Agriculture, Social Sciences and Law who have chosen to study at UWI. These first year students will join the more than 7,700 returning students at the institution.

FOCUS ON... *INNOVATIVE LEARNING & TEACHING*

CRITICAL THINKING

CRITICAL THINKING CONFERENCE

President of the Republic of Trinidad and Tobago, The Honourable George Maxwell Richards, delivered a speech at the Opening Ceremony of a flagship conference on Critical Thinking at The University of the West Indies, Learning Resource Centre, St. Augustine, on January 14, 2004.

The conference featured renowned scholars from at home and abroad, addressing the issue of critical thinking in teaching and learning, which leads to the creation of new knowledge and the effective transfer of knowledge. Some of the speakers at the Opening Ceremony were Dr. Bhoendradatt Tewarie, Campus Principal, and Professor R.J. Sternberg, Yale University Lecturer, IBM Professor of Psychology and Education, and President of the American Psychological Association.

UWI Academic Dr. Fazal Ibrahim-Ali recently explained that "Creative thinking...is seen as generative, allowing for the breaking of rules, the transcending of frameworks and the creation of novel products of thought or artefacts...the aim of critical thinking is to promote independent thinking, personal autonomy and reasoned judgement in thought and action..."

The three day conference on Critical Thinking and Learning also featured presentations from scholars including Dr. Ian Robertson (UWI), Professor Bridget Brereton (UWI), Dr. Fazal Ibrahim-Ali (UWI), Dr. Patricia Mohammed (UWI), Dr. Donald McIntyre, Dr. Madeleine Arnot and Dr. Jennifer Piggott (all of the University of Cambridge), Dr. Seymour Papert (MIT), Dr. Lloyd Best (UWI) and Mr. Kevin Baldeosingh, among others.

The symposium was geared toward setting the stage for the development of an Institute of Critical Thinking at the University.



a year these extremely popular lectures are helping to nurture a culture of enlightenment and engagement. The list of speakers from a range of disciplines included: C.N.R. Rao, Honorary President of the Jawaharlal Nehru Centre for Advanced Scientific Research, who spoke on The Role and Future of

Science in National Development; Dilip K. Ghosh, Professor of Finance at The University of the West Indies, who looked at Globalisation and Governance; Mauri Valtonen, Professor of Astrophysics at UWI and the University of Turku, Finland, who spoke in October on the Implications of Recent Discoveries of

the Origin and Composition of the Universe; and 1992 Nobel Laureate, Professor Derek Walcott, who read from his published poetry collection, as well as his soon to be released epic poem. Other speakers included Professor Carol Tamminga of The University of Texas who spoke on 'How the Brain Works In Learn-

FOCUS ON... SHARING KNOWLEDGE/REGIONAL CHANGE



"In this war against HIV/AIDS education is the key, and we need to strengthen the very foundation and reach of education and research on the HIV/AIDS. All our schools, colleges, institutions of learning, religious or secular, private and public, local or otherwise must become involved". The Honourable Prime Minister Patrick Manning stated at the recent inauguration of the HIV/AIDS: The Power of Education Conference, at The University of the West Indies, St. Augustine, Learning Resource Centre (LRC). The University of the West Indies in association with the Association of Caribbean Universities and Research Institutes (UNICA) and the United Nations Educational, Scientific and Cultural Organization (UNESCO) hosted this two-day conference on HIV/AIDS at The Trinidad Hilton Hotel and Conference Centre from Thursday October 30 to Friday October 31, 2003.

"This most important Conference is taking part at a critical stage in the evolution of the Caribbean HIV/AIDS epidemic..." UWI Vice-Chancellor and UNICA President, Rex Nettleford stated recently. "Faculty and students in tertiary level institutions have a particularly important role to play in responding to the crisis of HIV/AIDS - faculty as teachers, researchers and part of the policy-setting group; students as thinkers and future policy makers."

The Conference addressed the interests and special needs of leaders in the education sector and it will also provide a forum for members of the public and key stakeholders in the response to HIV/AIDS to contribute to strategic thinking and planning in response to the epidemic. The Conference's aim was to marshal and galvanise organized action by and within the education sector against HIV/AIDS and to complement the efforts already being made in other sectors of Government and within civil society. Conference speakers included Dr. Mervyn Alleyne, Secretary General of UNICA, Dr. Bhoendradatt Tewarie, Principal of The UWI, St. Augustine Campus, Helene-Marie Gosselin, Director of The UNESCO Office for the Caribbean and Michael Kelly, Professor of Education, The University of Zambia.

At the inauguration, the book Education and HIV/AIDS in the Caribbean written by Professor Michael Kelly (University of Zambia) with contributions from Professor Brendon Bain (UWI, Mona Campus) and The Honourable Rex Nettleford (Vice-Chancellor UWI) was also launched at The UWI Learning Resource Centre.

ing and Memory' to an overflow audience, while Duke University's Donald Horowitz addressed the issue of Ethnic Conflict and The Challenge of Constitutional Design and Professor Gordon Lloyd of Pepperdine University spoke on US Policy toward the Caribbean after September 11, 2002.

Symposia

The University also hosted a number of symposia and conferences geared towards bringing pertinent issues to the forefront of national and regional interest. Some of the larger conferences and symposia included: A Conference on Cultural studies; A Critical Thinking Symposium focused on Teaching and Learning; A Conference on Fluid Dynamics; A conference on HIV/Aids and the Power of Education, and one on Size, Power and Development in International Relations.

Research

The campus also organised and hosted its first "Research Days" event. Faculty and graduate students shared and exchanged ideas on their current research projects, and shared them with the general public. 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.

To emphasize the importance of Research, the Campus Principal pledged five (5) cash awards to be given to outstanding researchers, projects and research teams in collaboration with the Office of Research and these were given out at the all-campus end of year celebration.

The Office of Research which has the responsibility to co-ordinate research activities across the three campuses is currently establishing inter-campus Research Networks in selected focal areas. The first University-wide Research Network, the Environmental Research Network was established. The network has a Coordinator on each Campus and 90 persons joining as Network Members across the three Campuses.

Critical Thinking and Biodiversity

Plans are well advanced for the establishment of a Centre for Critical Thinking and a Centre for Biodiversity which have gained widespread support. The Centre for Critical Thinking on this campus will establish and strengthen links with similar centres across the globe and engage in research which will sup-

port a thrust for critical thinking approaches across the curriculum. The Centre for Biodiversity will concentrate on the Biodiversity of both the terrestrial and marine variety of small island states as well as the countries across the Caribbean region and will bring together a range of related disciplines to determine the scope of the Centre and identify specific projects of value to the region.

Quality Teaching and Learning

How does a University expand, develop, pursue new initiatives and still sustain high quality teaching and research? This is a challenge with which the University has been wrestling. There have been a number of Quality Assurance (QA) interventions at the St. Augustine Campus. Deans and Heads have

found these reviews to be helpful in improving the quality of their offerings. The QA units on all three campuses have finalised training and promotional materials to support the deepening of the Quality Assurance culture at the UWI. The training material, comprising six modules, guides users through the QA review steps and this allows for easier acculturation of the values QA attempts to transfer. In addition each department is conducting a curriculum review to assess relevance and value of courses.

Over the last academic year the Instructional Development Unit conducted many Web CT management workshops for Faculty. In addition, the IDU facilitated University-wide Web CT training for administrators to support the effective use of the technology. This has

FOCUS ON... RESEARCH (AND INNOVATION)

GLOBAL RESEARCH ON BATS AND BIODIVERSITY AT UWI

In-keeping with its commitment to research and the dissemination of information to the general public on biological diversity, The University of the West Indies invited Dr. Rasweiler IV of New York Downstate Medical Center, and Professor Behringer of M.D. Anderson Cancer Research Center, University of Texas, to speak at a public lecture on Bats and Biodiversity, which was held to mark World Biodiversity Day. The 2003 theme for World Biodiversity Day, which was selected by the United Nations, is Biodiversity and Poverty Alleviation: A Challenge For Sustainable Development. Dr. Rasweiler IV has been visiting Trinidad for the past 20 years to conduct field and laboratory research on several species, especially the short-tailed fruit bat. For the past two years he has been collaborating with Professor Richard Behringer to investigate the developmental process in bats. It seems that the island has not only large numbers of bats (about one million bats occupy just one cave in Tamana), but great diversity of species, as approximately 64 have been recorded in Trinidad. Bats are not only effective indicators of the health of ecosystems, but they are important in cancer research, the treatment of strokes, and even advanced study of reproductive biology.

Local species of bats continue to attract the interest of foreign and local scientists who focus on aspects of their behaviour, reproduction and development, auditory and visual capabilities, parasitic fauna and transmission of rabies. The UWI has a tradition of generating groundbreaking research; for instance in 1931 Trinidadian medical researcher Lennox Pawan found that vampire bats that prey on large mammals were vectors of rabies. However, a great deal of research remains to be undertaken on Neotropical species of bats. As part of its commitment to the study and preservation of biodiversity, UWI, St. Augustine is establishing a Biodiversity Centre that will be a focus for biodiversity issues in small island states and that will pay particular attention to sustainable development issues. Dr. Indira Omah-Maharaj, a parasitologist at The UWI has also benefited from the sharing of specimens with these visiting researchers. Focusing on the study of parasites of insectivorous bats, Dr. Omah-Maharaj has been able to identify and describe three new species of parasites (nematodes and flatworms) but numerous others need to be identified. An unprotected species on the island, Dr. Rasweiler spoke about the need for education on the role bats play in our survival and the yet untapped potential their study can bring to the advancement of biology.

accounted for a significant increase in the growth of on-line courses during the last semester.

To ensure the maintenance of quality in the face of large lecture classes, tutorial groups have been made smaller and weekly laboratory sessions instituted for all first year courses in the School of Science and the Faculty of Engineering. This initiative is also present in the Faculty of Social Sciences where funding for additional tutorial groups is derived from income generating activities.

The focus of the Chemical Engineering Department was the accreditation visit by a team from the Institution of Chemical Engineers

(IChemE). The infrastructure in the laboratories has been brought up to an acceptable standard and modern pieces of equipment were installed in what is now called the Reactor and Control Laboratory. The visiting team was quite satisfied with the significant upgrade in the quality of the laboratories. The visit was successful and the BSc in Chemical and Process Engineering was reaccredited for the intake of 2003 to the intake of 2007 at the B.Eng level. Discussion has been initiated for restructuring the M.Sc. Programmes in Production Management, in Engineering Management and in Production Engineering and Management. A more comprehensive review is to follow. Meanwhile the undergraduate programme in

Petroleum Geoscience has now after only two years, been fully accredited by the British Geological Society.

Faculty Honours

Several awards were made to various members of staff across faculties for research in their areas of expertise. These include - four bpTT LLC Professional Development Fellowships to Dr. G.S. Shrivastava of the Department of Civil Engineering, Dr. M. Bernard of the Department of Maths & Computer Science, Dr. P. Mohan and Dr. R. Andrews. A Fulbright Researcher's Fellowship was awarded to Dr. M. Mycoo of the Department of Civil Engineering and a Fellowship of the European Foundation for the Study of Diabetes

FOCUS ON... SPORT & EDUCATION



SPORT & PHYSICAL EDUCATION CENTRE

At the dual opening of the Centre and The UWI Games 2003, the Minister of Sport & Youth Affairs, Roger Boynes, gave his insight into the importance of the development of activities and facilities like these at The UWI. Campus Principal and Pro-Vice-Chancellor Dr. Bhoendradatt 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.

Dr. Tewarie stated: "Traditionally, our education system in general, but higher education in particular, has made very little provision for the combination of sports and academics...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."

(EFSD) as well as a Research Grant from the Volkswagen Foundation of Germany was also awarded to Dr Chidum Ezenwaka of the Faculty of Science & Agriculture.

The quality work done by members of staff was also recognised through Fellowships to various prestigious institutions and through the receipt of special awards. This includes the 'Literati Club Award for Excellence 2003' given to Dr. K.F. Pun for the most outstanding paper in 2002 on the subject of Maintenance Engineering in the Journal of Quality (UK); a Fellowship of the Faculty of Dental Surgery of the Royal College of Surgeons (FDRSCS) of Edinburgh without examination given to Professor S.R.Prabhu; Fellow of the Royal Institute of Public Health (FRIP), England, to Dr. R.N.Naidu; and, the Prime Minister's Award for Invention and Innovation for First Place in the Games (seniors) category to Dr. Noel Kalicharan. The FDRSCS was also awarded to Dr. Murti; Ag. Head of the Dental School.

Student Achievement

Students were also recognised for outstanding contributions. This year a student of the Faculty of Medical Sciences, Kyla Thomas who graduated MBBS with Distinction won a Rhodes Scholarship and was awarded the University Obstetrics and Gynaecology Medal. A student from the Department of Mechanical Engineering was awarded a Best Project Certificate from The Institute of Mechanical Engineers of the United Kingdom. Students from the United Kingdom and Overseas Universities also competed for this award. Two students of the Visual Arts programme also won awards in the Prime Minister's Awards for Innovation and Invention 2002. Ad-

ditionally, the Students of the Festival Steel Ensemble emerged winners of the Small Ensemble Category of the World Steelband Festival, October 12, 2002.

IT to Support Teachers, Students, Administrators

Strategic interventions in this area included the implementation of a wireless connection. With wireless connectivity students may now work with their laptops at the Main Library, the Student Activity Centre and the JFK courtyard in the absence of hard wiring. Wireless connectivity will extend throughout the campus by April 2004. This will allow persons to use their computers anywhere on the campus including all classrooms without the need for hard wiring. To allow students to optimise the value of wireless access. Campus Information Technology facilitated the acquisition of notebook computers for students at preferential prices and negotiated with commercial banks for lower rates of interest. Campus Pipeline Web Portal was implemented, providing all students with University email accounts and direct access to on-line facilities inclusive of chat rooms with lecturers and peers. In an attempt to meet the challenge of space constraints on the campus, investment has been made in software to provide a campus wide timetable which would assign students to lecture rooms according to class sizes. The campus wide timetable is now available on-line to students and staff and is now being used across faculties. This will contribute significantly to more effective allocation of space resources on campus.

There are now 82 courses on line, most departments have at least one course on line and the numbers will

probably double over the next year. Heads of Departments now have the wherewithal to manage their finances on line and both students and faculty are able to access a range of international libraries on line through services provided by the Campus Library.

Staff Development and Succession Planning

Several members of administrative staff have attended Conferences and Workshops abroad geared to enhance their professional development and to strengthen institutional capacity. Vital areas include Finance, Human Resource Management, Information Technology and Marketing.

Among academic staff, a number of young faculty members and post-graduate students with an interest in an academic career have been supported and bonded as part of the University's succession planning effort. These include areas such as Economics, Archaeology, Dentistry, Veterinary Medicine, Specializations in Medicine, Information Technology and related sciences.

International Collaboration

All departments have been given a mandate to collaborate with at least three high quality institutions abroad in order to establish international benchmarks and to strengthen individual departments on campus. In addition, departments on the St. Augustine campus are engaging in Faculty and student exchange arrangements at graduate level with partner departments and collaborating on research as well as Consultancy projects.

FOCUS ON... STAKEHOLDER RELATIONS

FRIENDS OF UWI

Corporations across the country continue to generously support the University through donations to help us construct new facilities, amenities; provide scholarships; and fund new programmes.



The University and Caribbean Money Market Brokers (CMMB) signed a Memorandum of Understanding on September 10th, 2003 at the Campus Principal's Office. CMMB will provide UWI with one million dollars over the next five years, which will be used towards funding research projects in the areas of finance and capital markets; this research will be shared with the industry. UWI Principal Dr. Bhoendradatt Tewarie recently accepted a cheque of \$100,000 from the Chief Executive Officer and Managing Director of CMMB, Ram Ramesh (at right).



Recently, three scholarships valued at approximately \$33,000 were offered to students reading a programme of full time study leading to the MSc in Environmental Engineering or Environmental Science tenable at the St. Augustine Campus. Assistant Registrar - UWI School of Graduate Studies and Research, Tyra Bacon (left) and UWI Deputy Principal, Gurmohan Kochhar, accepted the cheque which made these scholarships possible, from the Chief Executive Officer of First Citizens Bank, Larry Howai (centre).



Recently Ronald Harford, Managing Director of Republic Bank Limited presented Campus Principal, Dr. Bhoendradatt Tewarie, Campus Registrar William Iton and SPEC Manager, Colin Croft with a \$350,000 cheque towards the continued development of the Campus Sport & Physical Education Centre.

Regional Collaboration

Efforts to strengthen collaborative relations with Universities regionally have been intensified. These include University of Suriname, University Catholica Madre y Maestra in the Dominican Republic, University of Guyana, University of Medellin in Columbia and University of Belize. Such efforts will continue and the network of active relations across the region will widen.

Strengthening Other Tertiary Institutions

In Trinidad and Tobago this campus is collaborating with Trinidad and Tobago Institute of Technology (TTIT) to accredit and grant Diplomas for Bachelor of Technology programmes. In St. Lucia we are working to strengthen Faculty and curriculum especially in the technical areas at the Sir Arthur Lewis Community College. In St. Kitts we are delivering programs in the Social Sciences at the Clarence Fitzroy-Bryant College and in St. Vincent the School of Education at St. Au-

gustine is involved in a Teacher training initiative.

Undergraduate Programmes

No effort is being spared to strengthen undergraduate programmes through review of curriculum, enhancement of syllabus, improvement of teaching methodology and techniques, enhancement of the learning environment and strengthening library services. In addition, students are being provided with a more technology-enriched environment, deficiencies in physical amenities are being addressed, academic counselling services have been expanded and more regional and international students are being recruited. Widespread use of multimedia in teaching has become the norm.

Post Graduate Programmes

All taught post graduate programmes are being reviewed for relevance to work and job requirements and programmes will be systematically strengthened. Our postgraduate programmes involving

research as a major component (MPhil, PhD) are being reassessed and realigned. Research priorities have been established in all faculties and departments and research degrees are being realigned with these priorities and supervision of theses is being streamlined across the campus. Moreover, departments have been given a mandate to expand research-based postgraduate programmes including attracting international students.

Capital Projects

Several vital capital projects have been initiated on this campus:

- Furniture and equipment have now been installed in the new Administration building of the School of Education.
- New cooling towers have been installed and commissioned at the Main Library.
- Equipment has now been installed in the Sports and Physical Education Centre facilitating a range of activities.
- Work on the Humanities building extension is continuing and is due

FOCUS ON... QUALITY

RE-ACCREDITATION: BSc (HONS) IN CHEMICAL AND PROCESS ENGINEERING

The IChemE Accreditation Committee at its meeting of June 10, 2003 agreed to re-accredit the BSc (Hons) in Chemical and Process Engineering at the BEng level under the SARTOR 97 guidelines. This re-accreditation is with effect from the student intake year of 2003 up to and including the student intake year 2007.

The Department of Chemical Engineering was visited by an Accreditation Team representing the Institution of Chemical Engineers (IChemE) in the United Kingdom in March. The leader of the team was Professor Colin Webb from the University of Manchester Institute of Science and Technology (UMIST), UK and with him were Glen Round from Tioxide Group Limited, UK and Noel Da Costa from Desnoes and Geddes Limited, Jamaica.

For this particular visit there were two observers from the Council of Caribbean Engineering Organization, Solomon Sinanan (Trinidad) and Vernon Barrett (Jamaica). During the Visit, the Accreditation Team examined the objectives, content and scope of the BSc (Hons) programme in Chemical and Process Engineering. The Team met with the Head of Department, Dr. S. Thomas and members of the Academic and Support Staff. The Team also met with the Dean of the Faculty, Professor C.K. Sankat and members of the Campus Administration. The Team examined the physical infrastructure to support the teaching and learning in the Department, and also met with students and graduates of the programme in Chemical and Process Engineering.



DR. BHOENDRADATT TEWARIE
Pro Vice-Chancellor & Campus Principal



PROFESSOR GURUMOHAN KOCHHAR
Deputy Principal

The Campus Management Team



DR. MARGARET ROUSE-JONES
Campus Librarian



MRS. LYLLO BADA
Campus Bursar



MR. C. WILLIAM ITON
Campus Registrar

to be completed by September 2004.

- A new handicap lift is to be installed in the Faculty of Engineering and works are ongoing to make the campus more friendly to challenged persons.
- Upgrading of laboratories and classrooms across the campus as well as the expansion of teaching spaces is ongoing.
- Broadband width has been considerably expanded and old copper lines have been replaced by fibre optic cables. Internet speed has been increased by 500%, the entire campus is now fully networked and data can be transferred across the three major campuses at faster speeds.

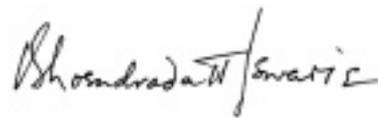
With the increase in students and the prudent management and pro-

urement of resources, the per capita cost of educating a student at St. Augustine is coming down and the campus is also providing greater value to all at reduced per capita costs. Expenditure has been realigned to support the seven (7) campus priorities and support is being given to Research projects and output, Teaching and Learning improvement, technological enhancement of teaching, learning, information sharing and communication and upgrading and expanding infrastructure.

As the campus brings the per capita cost of education down, we are also seeking to increase our income from sources other than the State. This includes private sector funding for research and scholarships; consultancy projects targeted at the pub-

lic sector and related to policy formulation; research projects funded by international agencies and international consulting contracts.

A great deal of momentum has built up over the last year or so and much is being achieved. Staff at all levels are working in a constructive manner; students, sometimes working under challenging circumstances are nevertheless getting an excellent education, and the society at large is the main beneficiary of the fruits of our labours at The University of the West Indies.



Dr. Bhoendradatt Tewarie
Pro Vice-Chancellor & Campus Principal

FOCUS ON... STUDENTS/EXCELLENCE



STUDENT AWARDED RHODES SCHOLARSHIP

Kyla Thomas, National Scholarship winner and fifth year Medical Sciences student, was awarded a prestigious 2003 Rhodes scholarship to Oxford. The scholarships are awarded to students demonstrating "outstanding academic record, leadership, energy, and service to others". This is yet another milestone in the outstanding academic career of a remarkably self motivated young woman well on her way to becoming one of this country's most exceptional leaders.

FOCUS ON... (PROSPECTIVE) STUDENTS

**Fast
Forward
to Your
Future!**



UWI OPEN DAYS 2003

UWI OPEN DAYS 2003

Over 12,000 students, teachers, parents and professionals enjoyed touring The University of the West Indies, (UWI) St Augustine Campus from October 15-17 during our increasingly popular Open Days. At the main display in the Sport and Physical Education Centre, and the many displays within the faculties themselves, students learned more about entry requirements, programmes offered, scholarships and bursaries, and the many career opportunities for graduates of this institution. The UWI Open Days have grown in scope and size over the past four years, with 2,000 visitors in 2001 and 6,000 in 2002.

At The Opening Ceremony at the modern UWI Sport and Physical Education Centre (SPEC), students were welcomed by Director of Student Services Mr. Victor Cowan, and given profound insight into the many benefits of choosing UWI by Deputy Managing Director, Republic Bank Limited, and UWI graduate, Mr. David Dulal-Whiteway. Students were then entertained by The Arts-In-Action drama group, which presented *The UWI Matrix Reloaded* – a local, low budget adaptation of the popular movie. Their comic presentation proved to be very popular with the students, while providing information on the many clubs, programmes and “positive life changing” experiences at UWI.

Deputy Principal Professor Gurmohan Kochhar then encouraged students to choose well and gather the facts during his presentation. “UWI Open Days were created to...give students a full picture of the many paths we can offer them in pursuing their goals... This is the time to gather the facts that will inform your choice”



ACADEMIC PERFORMANCE

Graduates

Graduates across all programmes totalled 2094 in 2003 demonstrating an increase of 7.4% over the previous academic year. Growth was recorded in the awarding of higher level degrees and advanced diplomas and certificates and diplomas. These increases were 42% and 3.8% respectively. The UWI also experienced a decrease of 2.9% in the number of persons graduating with first degrees in 2003.

At the undergraduate level 1,207 first degrees were awarded this year. Of this, 8% were first class honours and 27% were upper second class. This performance is indicative of the excellent academic performance of our graduating class with over 35% attaining at least a B+ average.

Enrolment

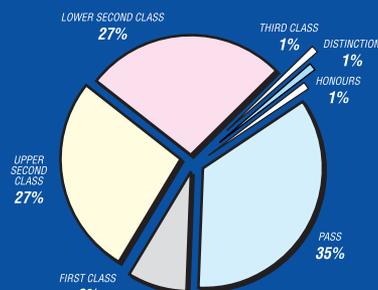
The 2003/04 academic year witnessed an unprecedented increase in registration at the St. Augustine Campus. A consequence of this positive growth rate is that it presents challenges that must be overcome at all levels of teaching, administration and support services. There was an increase of 10.4% in undergraduate registration and 10.8% in postgraduate registration resulting in an overall increase of 18%. For the third consecutive year, the increase in undergraduate registration has far surpassed the target of 5.8% set out in the Strategic Plan 2002-2007. However, registration of persons pursuing higher degrees did not achieve the desired goal of 11.5% per annum. This may be due to the low level of financial support available to postgraduate students.

For the academic year 2003/2004 provisional data indicates a 28% increase of 2394 students over last year's figures. In the Faculty of Science and Agriculture, student enrolment grew by 31% (520 students) over 2002. This seems to be the continuation of a trend which begun in 2000. The Faculty of Social Sciences continues to attract large numbers of students to all its programmes. The faculty exhibited an upward trend in enrolment since 1997 and in 2003 the most substantial increase of 49% over 2002 was seen. There seems to be an overwhelming increase in the popularity of their certificate programmes and this may be due to the matriculation opportunities they offer especially to the more mature student who wishes to eventually pursue a degree programme. An increase of 9 students was seen in the Law faculty which represented growth of approximately 17%.

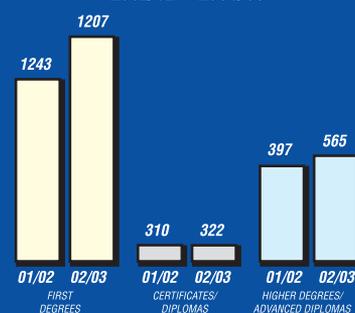
Provisional data for 2003/2004 shows an increase in the enrolment of students in postgraduate diplomas and higher degrees. Total registration for taught Masters' and Research Degrees increased by 17.7%. The Faculties of Engineering and Social Sciences accounted for 58% of all students registered for postgraduate diplomas and higher degrees.

The number of students pursuing taught Masters' degrees greatly exceeded the number registered for research degrees. In 2002/2003 this was 69.5% of all higher degree students registered. As in previous years, both full time and part time registration increased (15% and 12% respectively). It must be noted, however, that the number of fulltime research students was

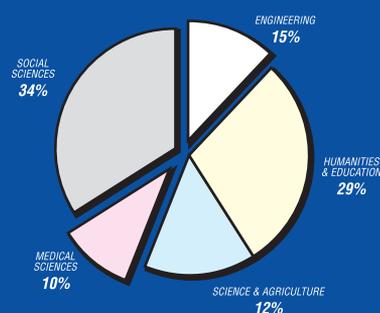
DISTRIBUTION OF FIRST DEGREES AWARDED 2002/03



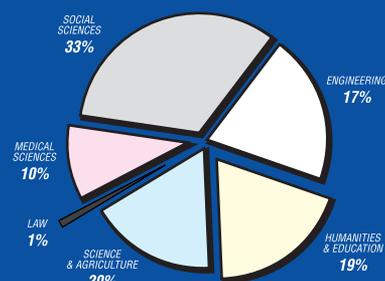
GRADUATES BY LEVEL OF PROGRAMME 2001/02 – 2004/05



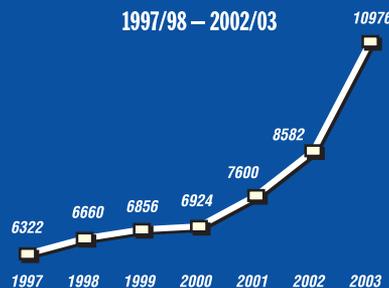
TOTAL GRADUATES BY FACULTY 2002/03



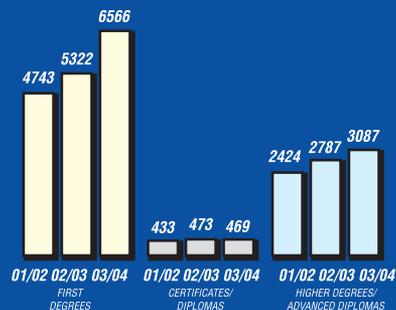
ENROLMENT BY FACULTY 2003/04



GROWTH OF STUDENT ENROLMENT 1997/98 – 2002/03



GROWTH OF TOTAL STUDENT ENROLMENT BY PROGRAMME 2000/01 – 2002/03



FOCUS ON... *STUDENT LIFE/STUDENTS*

UWI Life 2003



*On an overcast Friday morning in September, more than 2,500 UWI students had an unforgettable day at the **UWI Freshers Orientation & Icebreaker** at the new UWI Sport & Physical Education Centre.*

At the event, first year students gained insight into life on Campus, they also got an opportunity to meet and talk with senior members of staff including The Principal, Deputy Principal and Faculty Deans. The first year students were attentive to the informative feature address from Dr. Tewarie and Professor Kochhar. Students also welcomed the advice of Dr. Karen Moore, Mr. Anthony Watkins, Dr. Neil Singh and Dr. E. Monica Davis on coping with a range of issues - from living away from home to living a healthy drug-free lifestyle. Some of the students said that the highpoint of the morning session came with the Question and Answer forum. They got an opportunity to give advice to a highly dysfunctional study group, which was part of the theatrical presentation by the award winning Arts-In-Action; some of the familiar personalities in the group included a compulsive-obsessive anorexic, an academically challenged, testosterone-pumped undergraduate and an eccentric over-achiever.

After enjoying lunch outdoors, while listening to the sounds of the Immortal Jugglers, the talented and very funny Nikki Crosby welcomed students to the after-lunch Icebreaker session. She jumped-started the Ice-breaker with numerous creative introductions and questions to new students, while presenting them with giveaways from a range of contributors.



FOCUS ON... RESEARCH/REGIONAL CHANGE

THE HEALTH ECONOMICS UNIT WINS VICE CHANCELLOR'S AWARD

The HEU won the Vice Chancellor's Award for Excellence in 2003, for All-round excellence in Research, University Service and Public Service. The Award was instituted by the Vice Chancellor in 1994 as a way of recognizing excellence on the part of the academic and senior administrative staff.

Recently, an interview was conducted with Professor Karl Theodore, Head of the Department of Economics at the St. Augustine campus, one of the founders of the Health Economics Unit (HEU), and Campus Director of The University of the West Indies HIV-AIDS Response Programme (HARP). He said that the HEU was founded to "support [regional] governments in their technical work, technical economic analysis, specifically as it relates to health policy." He pointed out that "the HEU is not Karl Theodore." Undergraduate students are encouraged to intern with the HEU in their final year, and postgraduate students who are interested in social issues can work with them on a part-time basis while finishing their degree. "Dr. Anton Cumberbatch" he went on to say, "has been a pillar of the HEU for over five years. Dr. Althea La Foucade has done almost all of the co-ordination and management of the HEU since 2001, particularly since I became Head of the Department of Economics. There are a number of medical advisors to the HEU who helped keep us relevant and up to speed. These include Dr. Ann Eustace, Dr. Bernadette Ghandi, and Dr. Glenda Maynard. The HEU is truly a team."

176 or 31% of all research students registered. It is essential that funding support be sought to build up staffing, facilities and space resources required for the full-time research degree programmes if the University is to maintain its standards and initiatives in research.

While the Faculties of Engineering and Social Sciences and the School of Education reflected increases in their postgraduate intake, the Faculty of Science and Agriculture, and the School of Humanities recorded a reduction in persons registering for higher degrees.

Teaching Quality

In keeping with its mission to engage in activities aimed at equipping academic staff with skills and techniques for enhancing student learning and achievement, as well as strategies for gaining knowledge about trends and developments in

teaching and learning in higher education, the Instructional Development Unit (IDU) continued its thrust in a variety of areas. Among the activities and strategies in which the Unit engaged during the period under review were: the organization of a variety of skills development workshops conducted both by in-house personnel and visiting experts; the organization of special seminars and lectures; membership in relevant associations; subscriptions to relevant journals; acquisition of relevant texts and technologies; and the conduct of an excellent teaching award programme.

Workshops conducted by the IDU in the last academic year include:

- **Andragogy/Pedagogy for the orientation of new staff members**

- **Effective Assessment – Linking Assessment & Instruction (Interpreting Scores/Grades), the Student Portfolio**
- **Active Learning Strategies – Cooperative Learning, Effective Discussions, Case Studies, Student Presentations, Peer Tutoring, Strategies for Large Classes, Building Concepts/Concept Maps; Effective Teaching – Learner-Centred Lectures, Writing Learning Objectives**
- **Making the Most of Technology – Nuts & Bolts of Online Learning, Effective Use of PowerPoint & Transparencies, Using WebCT to Deliver a Course Online**

The workshops directly targeted the professional development of faculty in principles of pedagogy, by increasing the repertoire of teaching strategies, building on competencies and strengths, and improving

technological skills. In addition, the Unit assisted in preparing online courses for those who did not have the time to do so. There were also a number of workshops conducted for various units/departments at their request.

One of the special initiatives in which the IDU was involved was the

development of a Teaching & Learning Resource Booklet. This booklet contained key teaching and learning strategies and was widely disseminated to staff at the September 2002 Academic Forum. The booklet is a valuable resource for new staff members. Related to this is the increasing emphasis placed on encouraging staff to undertake

research related to teaching, which is aimed at developing a learning community that has an underlying value of improved teaching effectiveness. This initiative is intended to create learning communities, build action research opportunities and assist in evaluation of teaching.

The IDU has also facilitated regular training in the use of technology, in particular, for course delivery. Some of the programmes developed include:

- **Preparing courses for online delivery and professional growth:** A non-technological aspect of preparing courses for online learning and teaching. This was delivered in skills training workshop format.
- **The technical aspect of training:** IDU facilitated the workshop for WebCT Course Administrators which was conducted by Daniel Mahar of Dalhousie University in March 2003. The target group was CITS personnel and technical personnel from the Faculties of Science and Agriculture, Engineering, and Humanities and Education. There were also representatives from Mona and Cave Hill.
- **WebCT workshops on campus:** The Unit has accelerated the pace of development of online learning and teaching by organizing training workshops on WebCT course management software. The Unit conducted approximately 10 during the 2002/2003 academic year and extended the service to the Mona campus. As a result of these ini-

FOCUS ON... (A LEGACY OF) LEADERSHIP



NEW UWI CHANCELLOR APPOINTED

The Council of The University of the West Indies, met in Extraordinary session on Friday September 26, 2003, unanimously endorsing the recommendation of the Joint Committee of Council and Senate to appoint as the next Chancellor, Sir George 'Champ' Alleyne, succeeding Sir Shridath Ramphal who proceeded on retirement on September 30, 2003. Sir George Alleyne, a Barbadian national, was a two term Director-General of the Pan American Health Organisation (PAHO) and is currently heading a special Commission to combat HIV/AIDS in the Caribbean region. He has had a long association with The University of the West Indies, as he was one of its earliest Medical graduates and later served for several years as a member of staff, culminating with a nine-year stint as Professor of Medicine and Director of the Tropical Metabolism Research Unit (TMRU). He assumed the position on October 1, 2003 and presided at last year's graduation ceremonies.

The Council also paid tribute to the outgoing Chancellor. In a Resolution adopted by Council, the Honourable Sir Shridath Ramphal was hailed for his "unswerving loyalty and commitment to The University of the West Indies, despite his simultaneously carrying out responsibilities as Chancellor of two other institutions, namely, the University of Guyana and Warwick University. Council acknowledged the great debt owed to Sir Shridath by the University as well as the entire Commonwealth Caribbean for his lifetime of dedication to the development of its people, in his various capacities – as Assistant Attorney-General in the West Indies Federal Government, as Minister of Foreign Affairs and Attorney-General of the Cooperative Republic of Guyana, as Secretary-General of the Commonwealth of Nations, as Chief Negotiator for the Caribbean on international economic and trade issues with Europe and the Americas, as Chairman of the West Indian Commission and as Convenor of the Chancellor's Commission on Governance.

tatives, there are over 70 active web based, mixed mode courses using WebCT course management software and the number is growing.

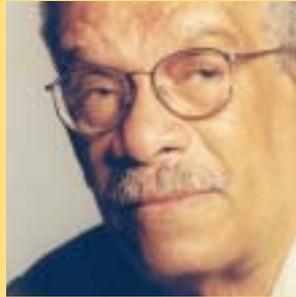
Academic Programme Development

In keeping with our strategic objectives, many innovations occurred over the last academic year with respect to the development of post-graduate programmes. All new programmes that were put on stream met a two fold objective of meeting the needs of the Caribbean region and capitalising on niche areas in which we are strong and have the potential to be strong.

Out of the department of Civil Engineering in the Faculty of Engineering, a Postgraduate Diploma in Coastal Zone Processes and an MSc in Coastal Zone Engineering were introduced. These new Programmes reflect the island nature of the Caribbean and the need to manage and develop our Coastal Zones in a sustainable manner. Linked to that is the development of a Postgraduate Diploma in Natural Hazards Management which will be offered in the academic year 2004/2005.

The Department of Electrical and Computer Engineering, with the financial support of the Cable and Wireless Virtual Academy, developed a new Postgraduate Programme called the Master's in Regulations Policy (Telecommunications). This programme was developed through the leadership of Dr. K. Mallalieu in response, particularly, to Caribbean stakeholders' needs. The Programme will be delivered essentially by Distance Education to a global audience and was funded by a US\$1

FOCUS ON... SHARING KNOWLEDGE/ENHANCING STAKEHOLDER RELATIONSHIPS



DISTINGUISHED OPEN LECTURES

Some of the world's leading intellectuals and artists were featured in 2004 at The University of the West Indies Distinguished Open Lectures, including Nobel laureates and award winning scientists and economists. The key objective of these Open Lectures is to bring intellectuals from across the world to our St. Augustine Campus, so that they may share their insights, ideas and discoveries with the public. Understanding the profound importance of discourse to our national development, we have seen, in just over a year, that these extremely popular lectures have helped to educate as well as foster public debate.



Campus Principal, Dr. Bhoendradatt Tewarie explained recently, "We also hope that the lectures open the gates of our University to the public, to enable the wider community to interact with our colleagues, as well as our students. So far we have had an extremely favourable response and as I am sure you will see tonight, at Nobel Laureate Derek Walcott's lecture, that the commentary as well as the general question and answer sessions, are always extremely insightful."



The list of speakers from a range of disciplines include: C.N.R. Rao, Honorary President of the Jawaharlal Nehru Centre for Advanced Scientific Research, who spoke on *The Role and Future of Science in National Development*; Dilip K. Ghosh, Professor of Finance at The University of the West Indies, who looked at *Globalisation and Governance*; Mauri Valtonen, Professor of Astrophysics at UWI and the University of Turku, Finland, who spoke in October on *the Implications of Recent Discoveries of the Origin and Composition of the Universe*; and 1992 Nobel Laureate, Professor Derek Walcott, who read from his published poetry collection, including his soon to be released epic poem. In 2004, Professor Carol Tamminga of The University of Texas spoke on *How the Brain Works In Learning and Memory*, while Duke University's Donald Horowitz addressed the issue of *Ethnic Conflict and The Challenge of Constitutional Design*.



FOCUS ON... STAKEHOLDER RELATIONS/EXPANDING ACCESS TO EDUCATION

UWI RECEIVES \$450,000 FROM DESALCOTT

The University recently received a cheque for \$450,000 from the Desalination Company of Trinidad and Tobago (DESALCOTT) towards ten (10) student bursaries and/or scholarships (over a three-year period). The cheque was formally presented by Hafeez Karamath, Executive Chairman and Chief Executive Officer of DESALCOTT to the Campus Principal of UWI, Dr. Bhoendradatt Tewarie in his office on Thursday 16th January 2003. DESALCOTT also contributed \$40,000 towards the Graduate and Research Fund, which was specifically established by the Campus Principal to raise much needed funds for research purposes.



million grant from the Cable and Wireless Virtual Academy (CWVA). The Department of Surveying and Land Information completely revised and renewed their MScs in Planning and Development and in Geoinformatics.

In the School of Education of the Faculty of Humanities and Education a taught Masters Degree in Youth Guidance was introduced as well as a Masters programme in Educational Leadership as part of the Secondary Education Modernisation Project (SEMP). Postgraduate Diploma in Arts and Cultural Enterprise Management and a Postgraduate Diploma in Education in the teaching of Visual Arts were also introduced at the Centre for Creative and Festival Arts.

In the Faculty of Medical Sciences a DM in Child Health was introduced while in the Faculty of Social Sci-

ences, a new Master of Social Work programme was introduced in September 2002 to join the existing graduate programmes in Economics, Government, Management Studies, and Sociology.

Rapid, focused development also continued at the undergraduate level. The Department of Civil Engineering had a new B.Sc. (Hons) Undergraduate Programme in Civil with Environmental Engineering approved for the 2003/2004 academic year. The Department also embedded aspects of health, safety, risks, vulnerability and ethics into all levels of its undergraduate programmes and developed a new Level III course on the Design of Environmental Systems. The Faculty of Engineering in partnership with the Trinidad and Tobago Institute of Technology (TTIT) launched the BTech programmes in Applied Mechanical Engineering Technology

and Applied Electrical Engineering Technology. These programmes are delivered at TTIT, with the Faculty providing quality management, including examiners, wherever necessary. In responding to prior Internal Quality Review and Accreditation exercises, the Department of Surveying and Land Information completely revised its B.Sc. undergraduate programmes in Surveying and Land Information.

At the undergraduate level, several new courses were introduced to enhance the existing degree programmes. This included a course in Field Methods in Linguistics which was a cross campus initiative utilising information systems technology; International Marketing of Agricultural Products; New Venture Creation and Management; Ecotourism; Environmental Economics and Gender and Science.

Appointments

Mr. C. Abder,

Senior Lecturer, Petroleum Engineering

Professor A. Aina,

Professor, Petroleum Geophysics

Mrs. Ruth Alborno

Chacon Research Assistant,
Centre for Language Learning

Ms. Marlene Attz,

Assistant Lecturer, Economics

Dr. D. Baidya,

Lecturer, Geotechnical Engineering

Dr. Chandra Shekhar Bhatnagar,

Lecturer, Management Studies

Dr. Valerie Bowrin,

Lecturer, Life Sciences

Dr. B. Chowdary,

Lecturer, Mechanical Engineering

Dr. Rajkumar Daffu,

Visiting Lecturer (Hindi),
Centre for Language Learning

Dr. Rajkumar Daffu,

Centre for Language Learning (Hindi)

Mr. R. Devenish,

Assistant Lecturer, Math and Computer Science

Dr. Edwin Ekwue,

Deputy Dean, Undergraduate Student Affairs

Dr. R. Gardler,

Lecturer, Computer Science

Professor Dennis Gayle,

Professor of Strategic International Business,
Management Studies

Miss Maria Pilar Gea –Monera,

Assistant Lecturer (Spanish),
Centre for Language Learning

Professor Dilip Ghosh,

Professor of Finance, Management Studies

Dr. S. Gift,

Deputy Dean, Faculty of Engineering

Mr. M. Hosein,

Lecturer, Math and Computer Science

Dr. J. Ibrahim,

Coastal Engineering

Dr. Mahler,

Senior Lecturer, Veterinary Surgery.

Mr. C. Maitland,

Administrative Assistant, Faculty of Engineering

Professor W. A. Mellows,

Deputy Dean, Faculty of Engineering

Dr. Azad Mohammed

Assistant Lecturer, Life Sciences

Mr. F. Muddeen,

Lecturer, Electrical and Computer Engineering

Dr. M. Mutabazi,

Transportation Engineering

Dr. Gene Otway,

School of Education (Mathematics)

Mr. Steve Oudit,

Centre for Creative and Festival Arts.

Dr. D. Owen,

Honorary Lecturer, Math and Computer Science

Mr. Alexis Perez-Figuera,

Teaching Assistant (Spanish),
Centre for Language Learning

Dr. A. Pilgrim,

Deputy Dean, Faculty of Engineering

Mr. S. Radoo,

Laboratory Assistant, Life Sciences

Dr. C. Riverol,

Lecturer, Process Design and Economics

Dr. M. Saho,

Lecturer, Petroleum Geoscience

Dr. Terrence Seemungal,

Lecturer, Respiratory Medicine.

Professor W.H.E. Suite,

Deputy Dean, Faculty of Engineering

Mr. R. Ward,

Assistant Systems Laboratory Manager.

Dr. B. Wilson,

Lecturer, Petroleum Geoscience

Retirements

Dr. F. Asamoah,

Lecturer, Electrical and Computer Engineering

Mr. Clifford Baldeo,

Storekeeper, Chemistry

Professor Baldwin Mootoo,

Professor, Chemistry

Mr. M. Bidaisee,

Technician, Electrical and Computer Engineering

Mr. Ahmad Khan,

Administrative Assistant, Faculty of Engineering

Professor David McGaw,

Chemical Engineering

Ms. S. Pile,

Administrative Assistant,
Postgraduate Student Matters

Promotions

Dr. Trevor Alleyne,

Senior Lecturer, Biochemistry.

Mr. R. Charles,

Fellow, The Institution of Civil Engineering (FICE)

Dr. C Ezenwaka,

Senior Lecturer, Chemical Pathology.

Mrs. Rabia Hosein,

Chief Technician, Life Sciences

Dr. C.A.C. Imbert,

Senior Lecturer, Mechanical Engineering

Dr. Winston Lewis,

Senior Lecturer, Mechanical Engineering

Dr. Phyllis Pitt-Miller,

Professor, Clinical Anaesthesia and Intensive Care.

Resignations

Dr. A. Chung,

Lecturer, Computer Science

Dr. Michael Lawrence,

Lecturer, Surgery.

Dr. Gordon Naraynsingh,

Senior Lecturer, Obstetrics and Gynaecology

FOCUS ON... STUDENT EXCELLENCE/LEADERSHIP

2 0 0 3 H O N O R A R Y G R A D U A N D S



DR. ALEEM MOHAMMED



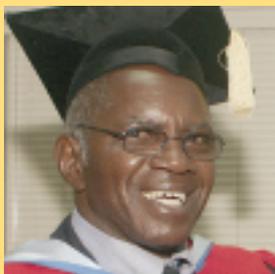
DR. BOSCOE HOLDER



DR. NATHAN LETON THOMAS



DR. JIT SAMAROO



DR. MICHAEL ANTHONY



**VALEDICTORIAN
CRYSTAL GOBIN**



**VALEDICTORIAN
PATRICE BOYCE**

UWI GRADUATION 2003

The newly appointed Chancellor of The University of the West Indies, **Sir George Alleyne**, celebrated with more than one thousand and seven hundred graduands and guests, at The UWI Graduation ceremony recently. The grandeur of the historic event, complete with Academic and Chancellor Processions, brought an atmosphere of pomp and ceremony to this modern day happening which was held at the new UWI Sport & Physical Education Centre on October 31 and November 1, 2003. Former Campus Principal and current President of The Republic, **George Maxwell Richards** as well as Governor-General of St. Lucia, **Dame Pearlette Louisy**, attended the Saturday Ceremony and could be seen congratulating the Honorary Graduands and guests at the reception which was held after the event.

The valedictorians were Patrice Boyce and Crystal Gobin. Patrice is an honours student, who is currently working at The Trinidad & Tobago Chamber of Industry and Commerce as a Research Information and Publications Officer. She gained a Bachelor of Science Degree in Agri-Business Management from UWI. At the time of graduation, Crystal, a first-class honours student, was looking forward to furthering her studies in Psychology.



The Campus continues to focus on the development of innovative new programmes that meet the needs of all our stakeholders. To this end there are several proposals developed awaiting approval. This includes:

- A draft proposal for offering the M.Sc. Programmes of the UWI in Engineering Management and in Production Management at Jamaica;
- M.Eng. Programme in Mechanical and Manufacturing Engineering;
- Proposals for an M.Sc. (Family Medicine), an M.Sc. (Emergency Medicine), an M.Sc. (Molecular Biology), an M.Sc. (Oral Medicine),
- M.Sc in Counselling by Distance Education,
- B.Sc. (Nursing)
- Proposals for Major in Communication Studies and a Diploma and Masters in Speech therapy.

MANAGEMENT REVIEW

Strategy Review

The implementation of the Strategic Plan continued to be driven by the Office of Planning & Development. The office continued to focus on strengthening operational planning capacity of the departments and faculties, and the monitoring of outcomes. The Planning Office developed a comprehensive set of guidelines to assist Heads of Department in the preparation of their Operational Plans. These departmental plans aimed to align activities and resource allocation with strategic priorities at the campus and university levels. The process was supervised by a small com-

mittee led by the Deputy-Principal. Heads were encouraged to be specific about targeted outcomes, timelines, the allocation of responsibility, and the identification of appropriate performance indicators. Throughout the year several interventions were arranged by the Office of the Campus Principal with heads of various teaching and support departments.

Technological Advancement

The strengthening of the information technology platform is one of the strategic objectives of the campus and the development of the Campus' IT infrastructure is an ongoing process. The old copper lines have now all been replaced by fibre-optic cables. The objective of this project was to improve both internal and external data traffic for the campus. Firstly, two additional T1 internet circuits and the equivalent of 10 ADSL lines were installed and implemented; the latter move was expressly for the exclusive use of the student body who experienced a 500% increase in internet speed. Secondly, the Frame Relay, which links the three campuses, has been upgraded to T1 level. This will increase the speed at which data will be transferred across campuses. It will also facilitate access to the central Student Data Base and other UWI functions.

In addition to this there have been several other developments, including:

1. *The rationalisation/rebuilding of the Engineering networks so they can fully participate on the Campus Area Network as staff/student VLANs.*

2. *The launch/use of the Online Student Records System (OSRS) for use by staff/students in online queries.*
3. *The installation of a security system at CITS to protect Campus Area Network assets; and, the implementation of an enterprise wide Anti-Virus solution.*
4. *The implementation of the Campus Pipeline Web Portal which provides all students with University email accounts and direct access to all University online facilities inclusive of chat rooms with their lecturers and fellow students.*
5. *The implementation of a Wireless solution at the Main Library, Student Activity Centre and JFK courtyard.*
6. *The upgrading of the WebCT server to satisfy the goal of increasing the number of online courses.*
7. *The facilitation the sale of notebook computers to Students, and negotiated with three (3) commercial banks to provide low interest loans to students.*

Help Desk facilities are planned for the next academic year. This would enable users to solve most of their day-to-day operational problems without having to rely on the PC support personnel for help. A Business Improvement Unit is planned, aimed at developing information systems and processes related to new projects which enhance the effectiveness of campus activities.

Campus Finances

In January 2003, the Bursary began the process of introducing Banner Finance to the wider campus community. The system had been used by the Bursary for almost six years but it was not possible to share it with departments until the Campus network was in place. It was also easier to bring the Campus on-line using the new web-based version of Banner as the programme did not have to be installed on individual machines.

The shortfall in government contributions continued to be an area of major concern. By the end of the year, the amount due to the campus from all contributing governments was \$138,466,750 which is an increase of almost 50% in outstanding government remittances, when compared to the last financial year.

The University adopted for the first time International Financial Reporting Standards in preparing the financial statements for the year ended July 31, 2003. The compliance with International Financial Reporting Standards requires the University to make estimates and assumptions which affect the reported amounts of assets and liabilities at the balance sheet date and the income and expenditure for the period. Actual amounts could differ from these estimates. The major adjustments relate to capital grants, the accrual for vacation pay, the disclosure of the pension liability for the supplementation element of the pension schemes for academic, senior administrative and support staff and the reporting of investments at Fair Value.

Total income received during the year under review was \$492.1 million, of which 52.9% was paid by the contributing governments, while 29% came from sponsors of special projects for teaching and research. Tuition and examination fees accounted for 10.8% of revenue and 7.3% came from miscellaneous sources. The details of campus income and expenditure are illustrated in Figures 7 and 8.

Net current assets increased by \$38.6 million from \$463.8 million to \$502.4 million mainly due to the shortfall in government contributions and the change in accounting policy with regard to the reporting of special projects.

The Government of Trinidad and Tobago, the largest contributor to the campus, continues to pay its remittances each month, in a timely manner. However, the level of funding to the University had not increased for more than four years resulting in an increase in remittances receivable, from \$46.3 million at July 2001 to \$90.4 million in July 2002 and to \$120 million at the end of the next year.

Savings and investment income are channeled into the funding of essential capital works and to finance the development of the campus, thus reducing its dependence on the resources of the contributing governments.

The Bursary has continued with the implementation of its plans during the year to improve the level of service provided to the campus and staff must be commended for their efforts.

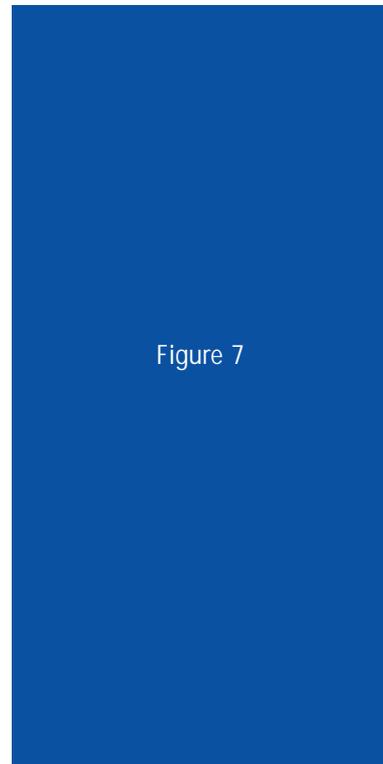


Figure 7

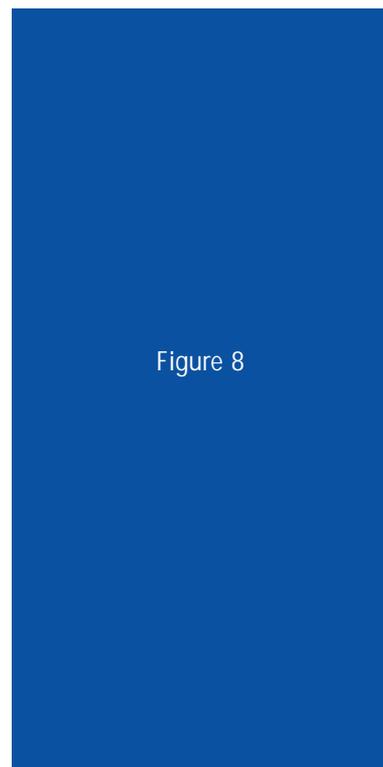


Figure 8

Revenue Generating Activities

In the Faculty of Medical Sciences several steps were taken to address the issue of increasing the income. These initiatives occurred mainly in the School of Dentistry and include Oral Histopathology Diagnostic Services, the Fixed Orthodontic Appliance Clinic, Clinical Crown & Bridge Work Services and Restorative Dentistry.

The Faculty of Social Sciences continued to offer courses and programmes in the Summer Semester (May – August) as part of its wider strategy to ensure access to these courses and programmes from a cross-section of publics. This programme will continue to grow as the Faculty is committed to ensuring that more resources are deployed to cope with the expected expansion.

Speciality courses in Information Technology, which have a broad appeal to the public, are also offered at competitive prices by the Faculty of Social Sciences. Substantial profits derived from this source are ploughed back into the Faculty for the development of students and staff.

The Business Development Unit is establishing a network of contacts with multilateral funding organizations, international foundations, research institutes, multinational corporations and internationally eminent universities. A proposal has already been submitted to the Wellcome Trust for funding of a regional veterinary health programme. Additionally, a major forestry proposal is being formulated for submission to the International Tropical Timber Organisation.

Consultancy and short courses from the Engineering Institute totalled approximately TT\$ 2 million. During the last year the Faculty of Engineering successfully completed a contract with the OAS, through the UWI Engineering Institute, to develop and deliver five professional development training courses in the Design Construction and Maintenance of Coastal Infrastructure for the Caribbean Region, on behalf of the USAID - Hurricane Lenny Recovery Project. The four Target countries were Antigua & Barbuda, Dominica, Grenada, and St. Vincent, and 155 training opportunities were provided for participants from eight Caribbean Island States. Overall, a core of 30 engineering professionals received training throughout the programme. The value of the contract award was TT\$1.6M.

A multidisciplinary team comprising of personnel from the School of Agriculture, the Faculty of Engineering, the Institute of Business and the Office of the Campus Principal won a consultancy from the Government of Trinidad & Tobago to develop a 5 year strategic plan for the Ministry of Agriculture, Land and Marine Resources. The project is estimated for completion on March 15th, 2004 and is valued at TT\$700,000.

Human Resource Development

During the period under review there were 518 permanent Academic, Senior Administrative and Professional members of Staff.

Thirty-three new appointments were made at the level of lecturer or above. These persons were recruited internationally from some

of the leading universities worldwide and represent countries such as Russia and Malaysia. As a result several programmes at both the undergraduate and postgraduate level were made more robust. For example, in the Faculty of Engineering there were new appointments in the areas of Industrial and Manufacturing Engineering in the Department of Mechanical Engineering; appointment of first Lecturers in Coastal Engineering and Transportation Engineering; appointment of a Lecturer in Geotechnical Engineering; one in Digital Electronics in the Department of Electrical and Computer Engineering and one in Engineering Mathematics. Professor M. Bajic Brkovic was appointed the bPPT Professor in Planning and Development.

Our dedication to recruiting nationally, regionally and internationally for the persons who drive key areas of academic development is a reflection of our commitment to strengthening the institution and developing a world class university with quality persons who deliver world class results. Internally, sixteen members of staff were promoted, nineteen crossed the merit bar and eleven were awarded tenure. Academic, Senior Administrative and Professional Staff continued to benefit from Sabbatical and Special Leave for Scholarly Activities.

Various members of staff from the estate management department attended training sessions in the New Electrical Wiring Code, First Aid and CPR, Project Management and TMA Caribbean Users Conference. Most significantly, twenty-four (24)

daily-paid employees attended computer literacy training sessions organized by the Campus Information Technology Services. This training has had a high motivational effect and these employees are well on the way to operating in a computerized environment. The St. Augustine Campus also agreed to subscribe to the Prior Learning Assessment and Recognition (PLAR) programme which seeks to recognize individual competencies, however acquired, and identify deficiencies and training needs for individuals specifically in the daily paid and skilled labour categories of staff. Seven electricians participated in this programme.

Estate Management & Infrastructure Development

Estate Management

The Estate Management Department recorded and responded to 4,761 requests for a wide range of maintenance and other services in the various trade areas. The status and progress of all such requests con-

tinued to be monitored at weekly meetings. In response to requests from the Campus community and internally generated work orders, 177 job estimates were prepared ranging in value from under \$500 to over \$100,000 for a grand total of approximately \$TT1.8 million. While these estimates were generally for renovation/modification/upgrading works in offices and classrooms, there was a significant number for dealing with security matters, such as additional security lighting, burglar-proofing and fencing. The department continued to utilize the services of specialist contractors to provide regular preventative maintenance of all air conditioning equipment, elevators, generators and the telephone system as well as routine maintenance of over half of the campus grounds. There were forty five such contracts with a total value of approximately \$TT1.4 million. Seventy-five contracts ranging from under \$5,000 to over \$200,000 were awarded for major contracts/installation/renovation works for a grand total of \$TT3.5 million. There were no significant deferred maintenance ac-

tivity and essentially these contracts were for new and routine/scheduled works. For relatively small and mainly labour only jobs, 878 petty contracts were issued for a grand total of \$TT0.8million. There was increased use of this form of contracting in order to expedite a wide range of these relatively low cost activities.

Infrastructure Development

The Administration building of the School of Education was completed in early 2003 and has been in partial use since then. Outfitting of the building is currently underway and this will enable full use of the building during 2003/2004. The cost of construction is currently estimated at approximately \$TT17.2 million. Outfitting of the building is currently estimated at approximately \$TT8 million. This new facility will provide not only new office space, but add to the existing capacity with respect to teaching and learning spaces.

The Humanities building extension is well on the way, with construction expected to be completed by

FOCUS ON... LIFELONG LEARNING/EXCELLENCE



OXFORD HONOURS NETTLEFORD

UWI Vice-Chancellor, Professor, the Honourable Rex Nettleford, was honoured on July 3, 2003 at a special convocation in the Sheldonian Theatre, Oxford. He was conferred with the Doctor of Civil Law degree, honoris causa. No stranger to such ceremonies, having received honorary doctorates from twelve Universities and Colleges in Canada, the USA and the UK, Professor Nettleford feels a special pride in this recognition, as he has become the second West Indian to be so honoured. In 1965, former Prime Minister of Trinidad and Tobago, the late Dr. Eric Williams received an honorary DCL from Oxford University.



APETT HONOURS KOCHHAR

Professor Kochhar received the Career of Excellence in Engineering Award from The Association of Professional Engineers of Trinidad and Tobago (APETT). President G.M. Richards presented the award at the recent ceremony.

FOCUS ON... STUDENTS



CAMPUS DEBATING TEAM CHAMPIONS

Mobafa Baker, Neivel Niles (Faculty of Social Sciences), Russel Rainford and Clint Fernandez (Faculty of Humanities & Education) of the St. Augustine Campus Debating Team emerged as champions of the 13th Annual Caribbean Inter-Collegiate Debating Competition. UWI Mona, Cave Hill and St. Augustine; the University of Guyana; Anton de Kom, Suriname; University of Technology, Jamaica; and Inter-American University, Puerto Rico; took part in the Debating Competition which was held from March 26 – 31, 2003 at UWI Mona, Jamaica. "Before a panel of five judges chaired Professor Aggrey Brown, Dean of Mona's Faculty of Humanities & Education, Mobafa Baker led a spirited effort from St. Augustine to overwhelm the University of Technology; and congratulations flowed generously to the most popular team of the competition," Victor Cowan, mentor and coordinator of The UWI St. Augustine Debating Society stated.

the beginning of the 2004/2005 academic year. This extension provides several new classrooms, a writing/computer lab, administrative offices and space for the archaeology unit. The construction works are scheduled for completion in May 2004 and should cost approximately \$TT6.3 million. Work was also done on the Faculty of Social Sciences Administration Building to create additional offices and a new postgraduate study area. This began in April 2003, and was substantially completed by June 2003. The final cost for this project is expected to be approximately \$189,000.

The New Staff Social Club commenced construction in April 2002. The project experienced some delays and was eventually completed in late 2002. The final construction cost for this project was \$TT2.2 million.

The upgrading of laboratories, workshop and the expansion of teaching spaces in the Faculty of engineering is ongoing. This includes the reconfiguration of the Civil Engineering Drawing Office and the creation of a new Lecture Theatre accommodating 130 students, 2 Postgraduate Seminar Rooms and 1 Lecture Room accommodating 80 students - the cost of this project was \$TT320,000. Other similar projects included the construction of new administrative offices and student spaces for the Petroleum Geoscience Programme and new lecture theatre 'Room 7' to house 177 students. The expected cost of the project is \$TT2.6 million. Preliminary designs have been completed for the expansion of Block 13 (Chemical Engineering) so as to add a new third floor and an auditorium to seat 400+ students. The Campus has already pledged \$TT7 million to execute this project. This is a major exercise which will not

be completed before September 2005.

At the same time a significant amount of activity occurred in the area of increasing and upgrading the air conditioning infrastructure so as to make teaching and learning spaces more comfortable. This included the installation of a new air conditioning plant consisting of 3 units of 150 tons capacity each in the Faculty of Engineering Central plant. The installation has been programmed to significantly minimize down time and the new chillers should be operational by late September 2004. The cost of this project is approximately \$TT2.1 million. The installation of new air conditioning systems for the Surveying and Land Information Building commenced in June 2003. This project also involved significant upgrading of the building including electrical rewiring, new ceilings and a new fire alarm system.

UNIVERSITY LINKAGES

Antigua State College
Anton de Kom University, Suriname
Association of Commonwealth Universities
Bahamas Hotel Training College
Brown University, Providence, Rhode Island
Bucknell University
Central Connecticut State University
Clarence Fitzroy Bryant College
Colgate University, Hamilton, New York
College of the Bahamas
*Dalhousie University, Halifax,
 Nova Scotia, Canada*
De Paul University
Drexel University
Emory University
Federal University of Bahia, Brazil
*Florida Agricultural
 and Mechanical University (FAMU)*
Florida International University (FIU)
Florida State University (FSU)
Fundacion Universidad Del Norte
George Mason University
*Graduate School of International Politics,
 Economics and Business,
 Aoyama Gakuin University, Tokyo*
*Grand Valley State University,
 Allendale, Michigan*
Haverford College
Hirosaki University School of Medicine, Japan
Howard University
Institute of Political Science, University of Chile
*Jackson State, University School
 of Science and Technology*
La Universidad Simon Bolivar
*Medgar Evers College of the City
 University of New York*
Michigan State University
Minneosta State Colleges and Universities
Mount Saint Vincent University (MSV)
Nipissing University
Oakland University, Rochester, Michigan
Pacific Lutheran University, Tacoma, Washington
Pennsylvania State University
Pontifica Universidad Catolica Madre y Maestra
Queen's University at Kingston, Ontario, Canada
Ryerson Polytechnic University, Ontario, Canada
*Simon Fraser University, Burnaby,
 British Columbia, Canada*
Sir Arthur Lewis Community College
Spelman College
State University of "Vale do Acarau" (UVA)
*State University of New York
 at Stony Brook, New York*
State University, Blacksburg, Virginia
St. John's University
*The Columbian Institute for the
 Development of Higher Education*
*The Jacob Gelt Dekker Institute
 for Advanced Cultural Studies,
 Netherlands Antilles*
The Institute of Political Studies (IEP), France
*The Institute of Political Science of the
 University of Chile*
The Regents of the University of California
The University of Brasilia Foundation
Tulane University, New Orleans, USA
Tuskegee University, AL, USA
*United Medical and Dental Schools of Guy's
 and St. Thomas's Hospitals and King's College
 School of Medicine and Dentistry*
Universidad de Oriente, Venezuela
Universidad Nacional de Colombia
Universidade do Estado da Bahia, Brasil
Universiti Sains Malaysia
University College of Belize
University Council of Jamaica
*University Michel de Montaigne,
 Bordeaux 3, France*
University of Alberta
University of Brasilia Foundation
University of California
University of Concepcion, Chile
University of Costa Rica
University of Florida (UF), Gainesville
*University of the
 French West Indies/French Guyana (UAG)*
University of Georgia
University of Glasgow, Dental School
University of Guelph
University of Mauritius
University of North Carolina, Wilmington, USA
University of North London
University of Panama
University of Puerto Rico (UPR)
University of Quintana Roo
University of South Florida
University of South Pacific
University of Technology, Jamaica
University of Toronto, Canada
University of Warwick
*University of Wisconsin-Madison,
 College of Agricultural and Life Sciences*
*Virginia Polytechnic Institute
 and State University, Blacksburg, VA, USA*
Wesleyan University
York University, Toronto, Canada

The works should be sufficiently advanced to allow reoccupation of the facilities by the department for the start of 2003/2004 academic year. The project is expected to cost \$TT900,000. At the Main Library new cooling towers were installed and commissioned. The work commenced in June 2003 and was completed in November 2003. This resulted in a much more reliable and efficient system and the cost of the project was \$TT400,000. Air condition chillers were also installed at the School of Dentistry and the Medical Sciences Library, in the Faculty of Medical Sciences, Mt. Hope. Due to the extremely difficult working conditions, there was some delay in completing this project and it was completed in early 2004 at a final project cost of approximately \$TT2.1 million.

Other support infrastructure developments include new elevators for the Library and the Humanities Building. Two 13 passenger lifts were installed in the library and one 8 passenger lift in the Humanities Building. These lifts have significantly improved the access to these buildings. The final cost for these lifts was \$TT1.4 million. A new elevator for the physically challenged was installed at the Learning Resource Centre (LRC) at cost of \$TT160,000.

In addition to the physical works, considerable laboratory upgrade has occurred specifically in the Faculty of Engineering. In Civil Engineering for example, there was considerable upgrade of the Materials Testing Laboratory and associated equipment with an expenditure of \$TT1.65 million. In Chemical Engineering more than \$TT2 million

was spent on some major pieces of equipment such as a computer controlled distillation column, a reactor bench and a heat exchanger unit. Additionally, an absorption unit and an iron exchange unit were also commissioned. Similar upgrading has been occurring in Mechanical Engineering particularly in the vibrations, machines, strength of materials and thermodynamics laboratories. These upgrades are made possible by a University grant of approximately \$TT9 million.

Several capital projects have been classified as essential during the 2002-2007 planning period and will be given priority in the allocation of resources.

Campus Security

The St. Augustine Campus has taken significant steps toward ensuring the safety and security of students, employees and visitors, which is of primary importance, in addition to protecting intellectual property, buildings, machinery and equipment. Recognising that student awareness and input is a key aspect of enhancing campus safety, campus management continues to meet with the Student Guild, facilitate discussions between Estate Police and the Halls of Residence, staff and students, as well as distribute brochures and pamphlets with safety and security tips. The current focus is on continuing, intensifying and improving measures that are already established, such as:

- *round-the-clock, uniformed patrols on and around campus*
- *more, well-trained Campus Security Guards*
- *improved security lighting around campus*

PROJECTS SCHEDULED TO COMMENCE OVER THE NEXT TWO YEARS

- (i) *The New Student Administrative Building*
- (ii) *New Elevator for Sir Frank Stockdale Building*
- (iii) *Centre for Language Learning Phase II Expansion*
- (iv) *Fencing of Sport & Physical Education Centre and Sir Frank Worrel Field*
- (v) *Handicap lift or New lecture room 7, Faculty of Engineering*
- (vi) *Refurbishment of Tennis courts*
- (vii) *Library internal re-organization*
- (viii) *Engineering Block 13 Expansion*
- (ix) *Acoustic Partitions to Faculty of Social Sciences Classrooms*
- (x) *Faculty of Science & Agriculture Post Graduate Study area*
- (xi) *New Dormitory Block for Milner Hall*
- (xii) *Renovations & upgrade of the Senior Common Room Facility*
- (xiii) *Upgrade of Sir Frank Worrel Fields and New Cricket Facilities*
- (xiv) *New Learning and Teaching Complex*
- (v) *Enhancement of North and South gates*

EXTERNAL LINKAGES

Association of Commonwealth Universities (ACU)
Canada Caribbean Distance Education
Scholarship Programme (CCDESP)
Caribbean Agricultural Research and
Development Institute (CARDI)
Caribbean Community Secretariat (CARICOM)
Centre for Ocean-Land-Atmosphere Studies
Institute of Global Environment and Society,
Calverton, Maryland
Columbian Institute for the
Development of Higher Education (ICFES)
Commonwealth of Learning (COL)
Commonwealth Youth Programme (YVP)
Cultural Services of the French Embassy in Jamaica
Dutch Overseas Contributing Territories
Government of the United States of America through
the Agency for International Development for
Mitigating of Geologic Hazards in the
Lesser Antilles and Adjacent Islands
International Development Bank (IDB)
Institut National de la Recherche
Agronomique (INRA), France
Institute of Jamaica
Institute of Political Studies (IEP), France
Institute of Social Studies Advisory Service (ISSAS)
International Cooperation Agency
of the Republic of Chile
Jacob Gelt Dekker Institute for Advanced Cultural
Studies, Netherlands Antilles
Jamaica Public Service Company Ltd.
Jamaican Securities Commission
La Universidad Simon Bolivar
Manipal Education and Medical Group, Manipal, India
Ministry of Education, Trinidad & Tobago
Pan American Health Organization (PAHO),
World Health Organization (WHO)
Spanish Agency for International Cooperation,
The Instituto Cervantes
Trinidad & Tobago Hospitality and
Tourism Institute (TTHTI)
United Nations Educational Scientific
and Cultural Organisation (UNESCO)

- *designated secure study areas*
- *designated 24-hour patrolled routes/footpaths for students to use after hours*
- *Campus Escort Service available on request from 6 p.m. – 6 a.m.*
- *Student Shuttle Service*

While it is encouraging to note a dramatic decrease in reported criminal activity on campus, efforts are being made to address the challenge posed by off-campus security. Campus Security is working even more closely with the St. Joseph Police, who have assisted in the mobile patrols of the campus periphery and off-campus environs, established a rapid response to reports from UWI, and a Special Investigation Unit of two plain clothes officers. Shortly, meetings will be held with the Minister of National Security, to discuss future initiatives. The local police, community members, staff and students living in the St. Augustine area, must all become active partners in the drive to reduce crime, and promote the safety and security of those living and working not only on campus but in the vicinity of the University.

STUDENT SERVICES

Libraries

The St. Augustine Campus Libraries during the academic year 2002/2003 achieved several milestones in fulfillment of the University's strategic initiatives. The Campus Libraries put its Operational Plan for 2002/2003 in place and achieved several of the goals which had been outlined for the academic year. The St. Augustine Campus Libraries are well positioned to function fully as a "hybrid" Library, combining hardcopy as well as dig-

ital/ electronic resources to meet the needs of the client. The vision is to become to local users and to the global community, the premier, dynamic institution for the creation and provision of quality information products and services with special emphasis on unique Caribbean resources. The Libraries will continue to fulfill its mission as "the repository and gateway for information in support of the teaching, learning, and research needs of the University community and Caribbean society". The University Libraries also continued to build on trends from the previous year, namely the increasing use of technology in service delivery and products. All of the services are supported by a newly-installed genera-

tor which ensures that there is an uninterrupted power supply.

The Library engaged in the first in a series of initiatives to convert the libraries' special collections from print to electronic format. The digitization of the Colonial Bank Correspondence and the Sir William Young Diaries were completed and is available on the library's website at <http://www.mainlib.uwi.tt/digitalarchives.html>.

St. Augustine Research and Reference Services (STARRS) and User Education Centre (UEC) facility was the catalyst for the significant growth in user demand for computer laboratory services. There was a 260% increase in user sessions over

the previous academic year with 103,287 user sessions reported for the period under review. During Semester I of the academic year, a User Satisfaction Survey was conducted which indicated that the majority of respondents of whom eighty-seven percent (87%) were undergraduates, were satisfied with the range and quality of services provided by the staff. This facility enables users to conduct research, download and print research material using online databases in various disciplines; explore the Main Library's Online Public Access Catalogue (OPAC); use basic computer word processing, spreadsheet and presentation graphics software; explore the world-wide web; send and receive e-mail. In May 2003, a

FOCUS ON... INSTITUTIONAL STRENGTHENING/SHARING KNOWLEDGE



THE PHYSICK GARDEN

The Physick Garden for the cultivation of medical plants at the St. Augustine Campus of The University of the West Indies will contain a variety of herbs, shrubs and trees that have medicinal and pharmaceutical properties and that are of interest to natural scientists and medical scientists. It will be established with funding from Angostura Ltd. and The University of the West Indies with the expectation that it will stimulate interest, among other things, in research, growing and marketing herbs to niche markets.

The concept is based on European Physick Gardens that have existed for hundreds of years and that have been used for teaching and research, such as the Chelsea Physick Garden that is part of the Museum of Natural History in London. The UWI Physick Garden will be located in the courtyard of the Sir Frank Stockdale Building which houses the Faculty of Science and Agriculture. This space is centrally located and provides maximum exposure. The tree collection will be spread across the grounds of the entire Campus.

The Garden will form an important component of the Centre for Biological Diversity, a major initiative of the Campus that will concentrate on biodiversity issues related to small island states. It will also contribute to the renewed thrust of the University in Tropical Agriculture and Forestry. Moreover, it will be an important instrument in undergraduate education as well as outreach to the public.

Yasmin Comeau, Curator of the National Herbarium of Trinidad and Tobago, and Dr. Pathmanathan Umaharan, Senior Lecturer in Life Sciences, will oversee the establishment of the Physick Garden. It will be the first Physick Garden in the Commonwealth Caribbean and it is appropriate that it will be established in the seat of the most important institution for the teaching of Tropical Agriculture.

FOCUS ON... STUDENTS



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.



state-of-the-art PC reservation management application was introduced in STARRS and UEC. This has created a self-service environment as students can manage their time and book sessions in advance on any PC.

The increase in the number of databases subscribed to and the addition of other online services, led to an increase in the use of the libraries' electronic services. This required the creation of an Electronic Information Resources team to facilitate the management of this area of operations. The team was given the responsibility of selecting and evaluating resources and liaising with vendors accordingly. The team continued with the development of strategies and policies for the further management of the libraries' electronic information resources. In addition, in an effort to achieve synergies and savings across the three campuses in the area of electronic resources, a cross-campus electronic resources team was established and held its first meeting in April 2003. This initiative, led by the Systems Manager at St. Augustine, will facilitate the subscription and registration of the three campuses as a single entity. The greater level of automation of Technical Services operations - namely the completion of the Retrospective Conversion exercise and creation of serials holdings and automated check-ins - will contribute to the provision of a single point of access to all resources. At the end of the year in review, 2,296 non-West Indian and 367 West Indian serial holdings were input into the Online Public Access Catalogue (OPAC) providing a further step towards achieving a single point of

access to the Libraries' resources. The completion of this project is part of the Library's operational plan for 2003/2004.

Several Caribbean Internet sites were selected, from which staff could request Library material. This procedure was instituted because legal deposit material was no longer available, and fewer gifts were received from government offices and non-governmental agencies. An Information Literacy teaching module was developed and tested. It is anticipated that this would enhance the delivery of undergraduate and postgraduate instruction in the use of the library and its information resources. The Medical Sciences Library also improved its document delivery and research queries services.

The West Indiana and Special Collections, our flagship division, continued its programme of acquisition dissemination of Special Collections material. The Goldsberg collection was acquired in April 2003. This collection is comprised of mainly postcards, photographs and souvenir booklets of Trinidad and Tobago. The division also acquired foreign language editions for the Rare Book Collection –of the German edition of V.S. Naipaul's *Guerillas*; *Mimic Men* and *In a Free State*, as well as Shiva Naipaul's *Chip-Chip Gatherers*.

The library has added several specialised databases to the electronic resources that are available. These include SciFinder Scholar online, which was enthusiastically received by the Departments of Chemistry and Chemical Engineering. PSYINFO was also well received by the De-

partment of Behavioural Sciences. In co-operation with INASP, a subset of 3000 CARINDEX records covering the period 1983-1999 was put online and is now available on the Library's website. The Library continued to contribute to The Latin American Periodical Table of Contents Project (LAPTOC). In addition, the Medical Sciences Library was involved in the UWI/HARP Initiative and the Virtual Health Library project among others. The Medical Sciences Library cooperated with PAHO/BIREME/MEDCARIB partners in the development of the Virtual Health Library for the Caribbean Region. Meetings were held with stakeholders and technical personnel.

Other Support Services *Career Planning & Development*

The appointment of Ms. Deidre Charles as Careers & Placement Officer has resulted in significant changes in terms of structure, in this area of Student Services. With the continued financial support of Republic Bank Ltd., the administrative assistance of the UWI Alumni Association (Trinidad & Tobago Chapter), and the marketing effort of the Marketing & Communications Office, the annual World of Work Seminar attracted 400 plus students, almost double the previous year's figure, and its largest audience ever. The formal seminar addressed key issues facing final year students as they embarked upon their job search: Resume Writing, Interview Techniques, Projecting a Professional Image, and Entrepreneurship. Arts-In-Action hosted the programme, and facilitated question and answer sessions after the

presentations. The Mock Interview segment, which followed two weeks afterward, gained greater support from the corporate sector and nineteen organizations supplied panelists for the practice interviews. Students were then able to put into practice the skills gained and lessons learned in the first two stages of WOW 2003, at the Recruitment Fairs held on April 10-11. Prospective employers from a number of companies and organisations such as BpTT, Republic Bank and Ernest & Young were present at the JFK Auditorium as students from first to final year were able to discuss the possibility of vacation, short-term and long-term employment in sectors ranging from the petrochemical to manufacturing, tourism, and service industries.

Efforts are continuing to be made to increase the number of Co-operative Training Programmes between Faculties and corporations in a wider range of sectors. Fifteen students from the Faculties of Engineering and Social Sciences participated in the UWI Co-operative Training Programme, spending the year at Energy Dynamics, Petrotrin, and TSTT.

The UWI Mentorship Programme for 2002/03 attracted 99 "mentees" with almost half of that number coming from the Faculty of Social Sciences. As ever, several persons volunteered to be part of this important process of guiding UWI students in their future careers. There were 72 mentors from the Private Sector, 18 from the UWI Alumni Association (Trinidad & Tobago Chapter), and 7 from the Campus. The majority of links between men-

SCHOLARSHIPS & BURSARIES DONORS

AAAT - Association of Advertising Agencies Bursary
 Alumni Association of Canada (CAN-AL) Bursary
 Anonymous (ends in 2003/04) - D & E Special Award
 APETT- Association of Professional Engineers of Trinidad & Tobago Bursary
 ASCO Trinidad Limited – ASCO Trinidad Limited Bursary
 Ashland Chemicals - Herman Lee Mou Scholarship
 Association of Professional Engineers of T&T (APETT) Bursary
 Berger Paints Limited – Berger Paints Limited Bursaries
 Board for Engineering
 Board of Engineering Bursary
 bp Trinidad & Trinidad LLC Scholarship
 bpTT – Dr. Lawrence J. Tiezzi Fund Scholarship
 Campus Villas - Sadick Mohammed Scholarship
 Carillion Construction (Caribbean) Limited - Carillion (Caribbean) Ltd. Bursary
 Coca Cola Foundation - Coca Cola Foundation Scholarships
 D'Pholis Bursary
 Desalination Company of Trinidad & Tobago (DESALCOTT) Scholarship
 Ernest Johnston Memorial (Jamaica Producer Group Ltd.) Bursary
 First Citizens Bank Ltd. Bursary
 Gillette Group of Companies - John & Ellen Gillette Scholarship
 Hilton Trinidad & Conference Centre Bursary
 Hydro Agri Trinidad Ltd. Bursary
 ICATT - Institute of Chartered Accountants of Trinidad & Tobago Bursary
 Information Technology Professional Society of T&T (ITPS) Bursary
 InnCOGEN Limited - InnCOGEN Scholarship
 Institute of Chartered Accountants of Trinidad & Tobago
 ITPS - Information Technology Professional
 Jamaica Producers Group Limited - Ernest Johnston Memorial Bursaries
 Jentech Consultants Bursary
 John & Ellen Gillette Scholarship
 Kee Chanona - Kee Chanona Bursaries
 L.J. Williams Educational Trust Bursary
 Mr. & Mrs. Seedansingh - Margaret Seedansingh Bursary
 N.E.M. (West Indies) Insurance Limited - NEMWIL Scholarships/Bursaries
 National Lotteries Control Board – National Lotteries T & T Bursaries
 NESTLE - NESTLE Bursaries
 PIPS - Personal Image Photo Studio Bursary
 POWERGEN - PowerGen Bursaries
 Prestige Holdings Limited - KFC Bursaries/Pizza Hut Bursary
 R.E. Diffenthaler Foundation Educational Trust Bursary
 Republic Bank Ltd. – Career Builder Bursary
 Rotary Club of POS West Rotary Club of Port of Spain West
 Sadick Mohammed (Campus Villas) Scholarship
 Samuel Naranjit Scholarship
 Scotiabank Bursary
 Society of Trinidad & Tobago Bursary
 SPETT - Society of Petroleum Engineering of Trinidad & Tobago Bursary
 Sunny Group of Companies Scholarship
 T & T National Petroleum Marketing Company Limited - NP Bursary
 TATECO Credit Union Co-op Society Ltd. – Mc Donald Hinds Bursary
 Teachers Credit Union Co-op Society Ltd. – Mrs. Elaine Browne Bursary
 Telecommunication Services of Trinidad & Tobago (TSTT) Scholarship
 The National Gas Company - The National Gas Company Bursaries
 The Raphael Douglas – Heinemann Excellence Award in Science Teaching Scholarship
 The UWI Development & Endowment Fund
 The UWI Development & Endowment Fund Bursaries
 TITAN Methanol Company Bursary
 Transend Worldwide Limited - TT POST Scholarship
 Trinidad & Tobago Stock Exchange - Trinidad & Tobago Stock Exchange Bursaries
 Trinidad Cement Limited - TCL Group Scholarships/Bursary
 Trintoplan Consultant Ltd. Bursary
 TTUTA – Ulric Loutoo Memorial Bursary
 UWI Academic Bursary
 UWI Alumni Association Bursary
 UWI Co-Curricular
 UWI Credit Union “Jerris Attzs” Bursary
 Venture Credit Union Co-operative Society Limited – Esme Raphael Bursary
 WIGUT - West Indies Group of University Teachers Bursary

tors and “mentees” were based on coinciding academic backgrounds. Comments and suggestions made by students who evaluated the mentorship process have been taken into account in planning the future of this programme, toward its expansion and enhancement.

Professor Gurmohan Kochhar, as new Deputy Principal, launched the programme on September 26, 2002, and “mentees” met their mentors directly afterwards to chart their course for the six months of interaction. On account of the busy schedule of student activities, including the Intercampus Games, it was necessary to host the Awards Ceremony on Saturday, May 17, 2003. Certificates of Appreciation and Participation were presented to the mentors and “mentees” respectively. Mr. Clive Pantin, a committed advocate for community-based social improvement, often with a focus on youth, and Chief Executive Officer of the Foundation for the Enrichment and Enhancement of Life (FEEL), delivered the feature address.

Financial Assistance

There were only 6 applications for the Emergency Loan, totaling \$1,200. As last year, this low figure may not necessarily indicate that more students did not face emergencies, but that the quantum (of \$200) may not be worth requesting. There were 18 applications for the Hardship Loan (a maximum of \$3000), a total of \$49,700 was disbursed. The breakdown was 6 applicants from the Faculty of Humanities & Education, 5 from Medical Sciences, 3 from Engineering, 3 from Social Sciences and 1 from Science & Agriculture. Whereas

these loans are only available to students already registered for degree programmes, there is evidence of several new applicants with the requisite academic qualifications but without the means to take up the offer of a place in a faculty.

In the area of bursaries, the Fund took into consideration the Government's *Dollar for Dollar* programme and agreed on a downward revision of the quantum to the Year II students in the Faculties of Humanities & Education, and Social Sciences. Those students were awarded \$5,000 while the other 85 students were presented with \$6,000 each. The Fund, in working towards the target of 100 bursaries, maintained its gradual annual increase.

The UWI Alumni Association (Trinidad & Tobago Chapter) formally known as the Guild of Graduates (Trinidad & Tobago Branch) continued its support of the personal development programmes organized by the Student Advisory Services. In the area of financial assistance they presented the Library with \$6,000 and four bursaries worth \$6,000 each. Two of these bursaries came from Life Members and the most recent is designated specifically for a female student in the Faculty of Engineering. The Association's International Wine & Cheese Festival was also a financial and social success.

There was a continued drive to raise money for scholarships and bursaries with several additions as follows the Methanol Company of Trinidad & Tobago US\$250,000; Central Medical Supplies: \$10,000 for student support; Trinidad Systems Ltd: \$300,000 over three years

for student support; Lifetime Roofing: \$99,000 over three years for student support; Ettes Office Furniture Ltd: \$150,000 over three years for student support, bpTT: 3 scholarships each worth \$45,000. In addition, financial support for scholarships and bursaries, as well as a contribution to graduate research, was received from the Desalination Company of Trinidad and Tobago (DESALCOTT).

Student Accommodation

Student Advisory Services provided the customary support for those seeking accommodation in the Halls of Residence. The advertisement for off-campus accommodation elicited a good response and this information was made available to new and returning students via the office hard copy. However, funding was sought and received for establishing a website <http://sta.uwi.edu/oasis>, with a view to making this information more readily accessible. Mr. Irwin Williams, a Year II student in the Faculty of Science & Agriculture, successfully undertook this project.

For the 2002/2003 academic year, the student population at the 4 Halls of Residence is made up of 643 residents, 612 of whom were undergraduate students (284 male and 328 female), 20 postgraduate students, and 11 elective students. The total resident population is less than 10% of the Campus population. This comprised students from the English and French-speaking Caribbean islands, as well as the United Kingdom, India, Canada, Germany, and Argentina, including increasing numbers of residents from the eastern Caribbean, Trinidad and Tobago, and Venezuela;

with a large contingent from Botswana at the Joyce-Gibson Hall.

During the year in review, the Hall Committees and residents organised several cultural and social events, as well as intra and inter-campus activities, including welcome receptions for new students; hall breakfasts, concerts and cultural exhibitions; Sports Day and the annual Inter-Hall Competitions in basketball, football and table tennis; the Intercampus Debating Competition; valedictory dinners and awards ceremonies; the Big Sister Programme at Trinity Hall; the Community Outreach Programme; and Caribbean Week hosted by the Guild of Students. Trinity Hall celebrated its 30th Anniversary; a significant milestone in resident life at UWI.

The mentoring programme, in which first year students are paired with senior residents in the same academic stream, continued in all the Halls. The sections of the Halls that were converted into internet ready computer facilities were available for use by the Hall residents.

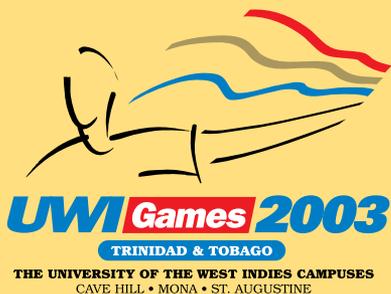
In this academic year, the Halls of Residence propose to intensify Community Outreach Projects.

Recreation and Sport & Physical Education

Sporting activities were administered through the UWI Sport and Physical Education Centre (SPEC) which was officially opened on March 16, 2003 by the Campus Principal, Dr. Bhoendradatt Tewarie.

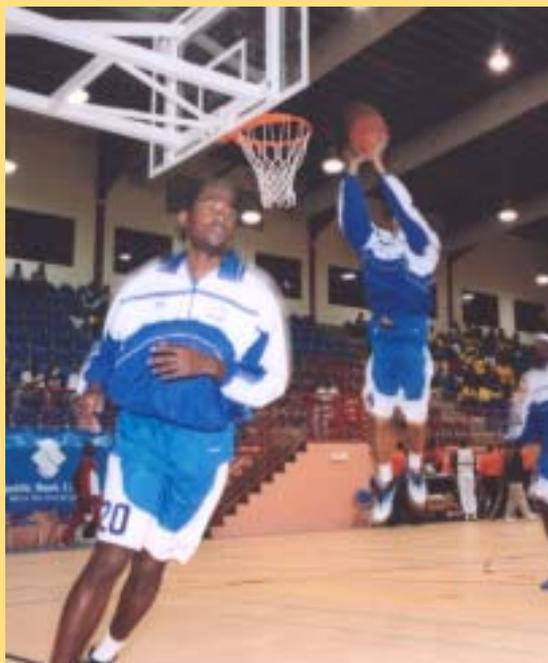
In keeping with its commitment to assist the Campus in general and students in particular, the UWI Development & Endowment Fund kept

FOCUS ON... SPORT & EDUCATION



The 2003 Games saw the emergence of many firsts for the St. Augustine Campus. The event was held for the first time at our 19 acre, state-of-the-art Sport & Physical Education Centre on Sunday, 16 March. At this much anticipated biennial event, there was fierce competition among the top athletes from each of the three campuses, in the disciplines of basketball, cricket, football, netball, volley ball, and track & field. The games had the overwhelming support of students, staff and the neighbouring community, as spectators came bearing flags and faces painted in team colours. Our campus emerged as winners in several events, including another "first" in the history of the games; the St. Augustine Cricket Team emerged as champions under the keen leadership of Captain Fanjeev Maharaj. The Cave Hill, Barbados Team were the overall winners of the event. St. Augustine took second place, with Mona, Jamaica (who took the lead in track & field and volleyball) placing third.

The UWI Games 2003 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 Club.



its word by contributing \$TT1 million it had committed towards the completion of the Sport & Physical Education Centre (SPEC). At the official ceremony to open the facility, the Fund was presented with a Plaque of Appreciation. Mr. Victor Cowan, Secretary of the Fund, was also honoured at this function for his contribution to the development of Sport on the Campus.

SPEC has also been the location of a number of Campus ceremonies and events including the Intercampus Games from March 16-22, 2003, the UWI Research Days from April 4-10, 2003, UWI Life 2003 (*dates?*), the main Open Days exhibit (*dates?*), and the Graduation Ceremonies on October 31 and November 1, 2003. It has also been available for use to external groups such as the Defense Force, which held the Opening Ceremony of its Annual Defense Force Physical Training Instructors (PTI) Course 2003, and the Caribbean University Sport Association's (CUSA) Futsal/Table Tennis Tournament.

Sport and Physical Education programmes pivot on this newly built indoor sports arena which houses a multipurpose indoor court, spectator seating for 1,500 persons, classrooms, weight and aerobic areas and administrative offices. In addition to gym facilities, activities available to staff and students include football, cricket, badminton, hockey, aerobics, volleyball, aquaerobics, netball, basketball and taekwon do.

The Centre aims to be at the forefront of tertiary level sport education in the region. Toward this end, teaching continued in the following programmes: Certificate in the

Art & Science of Coaching, B.Sc. degree in Management with a minor in Sport Management programmes, B.Sc. degree in Sport Management.

The development of the Centre's full potential continues as a Strategic Plan for the period 2003-2007 was formulated in conjunction with the Institute of Business, and an advisory committee on Sport & Physical Education was named by the F&GPC. Outfitting of the Centre continues, and proposals for the development of outdoor fields, fencing, and an access road, are in their final stages.

The Student Activity Centre (SAC) continued to cater for all students, particularly commuter students; providing a cafeteria, meeting and study rooms, computer, laundry, locker and shower facilities, in addition to recreation facilities such as pool tables and table tennis boards.

General usage of the SAC was higher than the previous year. Expansion activities such as the completion of the roof extension, an electrical infrastructure upgrade, and air-conditioned study rooms, were completed. Additional staffing was secured and student employment expanded, and an SAC website was initiated. The management has placed an emphasis on getting feedback from students to evaluate and improve SAC services.

Health Services

In 2001/2002, the Health Services Unit (HSU) undertook a major drive to expand their mission beyond the care of the individual patient, to introduce new ways of impacting the health behaviours of the entire

Campus. A key aspect of this was health education through the introduction of selective health clinics and the hosting of clinical workshops. In the academic year 2002/2003, these Health Promotion Outreach Clinics such as the Immunisation Clinic, Sexual Health Clinic and Nurse's Clinic continued to grow in numbers. Steps were taken to increase awareness of the HSU's facilities and services, including workshops conducted at the Joyce Gibson-Inniss and Trinity Halls, programmes at the UWI Life and UWITOPIA orientations, material placed on notice boards around campus and the HSU website. The highlight of the year was the Health Safety and Environment Week.

About 6,200 students visited the Health Service Unit in the year under review, which represents a small increase from the previous academic year. A total of 1700 students visited the Nurse's clinic to access a wide range of services such as vaccinations, and from January 2003, voluntary anonymous HIV testing. The HSU conducted a Student Satisfaction Survey, and a Sexual Health and Lifestyle Survey. The latter consisted of a self-administered questionnaire to 210 students, and indicated that 60% of the students were sexually active, yet less than 10% were using birth control. In March 2003, in collaboration with the National Population programme, the Health Service Unit was equipped to provide confidential birth control services to students on request, along with counseling by the Nurse at the Unit.

Of concern was the reduction in the number of students accessing the Counseling Section, given the gen-

eral research evidence that shows that up to 40% of students on university campuses have issues of a psychological nature. There is also a need to make the Lifestyle Clinic available at times that are more convenient to mature students.

Two strategic objectives being considered are the computerization of medical records, and a research project to analyse the specific health needs of the campus population.

UNIVERSITY OUTREACH Continuing Studies & Distance Education

Continuing Education

The University of the West Indies School of Continuing Studies (SCS) remains one of the major outreach arms of the University, and sees itself as part of a quiet revolution in post-secondary education. The SCS provides teaching programmes in the areas of further education, special skills, short computer courses, vocational programmes, general

education, and special programmes for external agencies. In 2002/2003, over 8,000 students were enrolled at the School, compared to the figure of 7,000 for the previous academic year.

In its quest to promote lifelong learning in Trinidad & Tobago, the School has completed major negotiations for the establishment of satellite centres at Point Fortin, and Mayaro. Significant developments have also taken place in the expansion of the buildings and plant at the South University Centre, including completion of two computer laboratories, refurbishing of several classrooms, and expansion of the library which has been upgraded to lending status, equivalent to the library in the north. A room at the centre in Tobago has been converted to a reference library. The Information Technology Unit has also been enhanced by the acquisition of the services of a Senior Coordinator and the strengthening of the computer programmes offered at the School's centres.

The Main Campus has supported the alternate programmes to A Level offered by SCS, including pre-university courses related to the Faculties of Science & Agriculture and Medical Sciences. In the area of adult learning SCS has an expanded set of offerings as diverse as the Teaching of Reading, Food Service Management, Introduction to Counseling, Astronomy, and the Introduction to Herbal and Nutritional Supplements. The School has also assisted in the planning and implementation of Associate Degree programmes to meet the changing needs of the workforce; developing Regional Associate Degrees in Administrative Professional Office Management and Business Management. Pending approval by the Academic Board, a target date of January 2004 is set for commencement of these programmes.

SCS signed a memorandum of understanding with the National Training Agency for Accreditation of Vocational/Job-Oriented Level I programmes in Welding and Informa-

FOCUS ON... RESEARCH

COMPETITIVENESS OF THE CARIBBEAN POULTRY MEAT INDUSTRY AND TRADE POLICY PROPOSALS

Broiler meat is the most important source of animal protein in the CARICOM. In 1988, the CARICOM Region consumed 268,540 tonnes of broiler meat, 65% of which was supplied by domestic production. Shortfall in production was met from imports, mainly from the USA, and primarily comprising of low value (residual) products such as leg quarters and back and neck. The 1998 figure accounted for 86.1% of total meat consumed, six times the total of all other meats. This compared to 40% for the United States.

A study of this industry was conducted by Ranjit H. Singh, Lloyd B. Rankine, Sheldon McClean, Govind Seepersad and Kusha Haraksingh of the Department of Agricultural Economics and Extension, Faculty of Science and Agriculture, and the Department of History, Faculty of Humanities and Education. Its broad objectives were to determine the competitiveness of the Caribbean Poultry Meat Industry and to recommend strategies and policies to support further development. Generally, the study found that the cost of meat in the CARICOM was approximately twice that of the US and 2.5 times that for Brazil. The integrators/processors in the CARICOM have significantly higher grow-out cost than their US counterparts but are generally competitive in terms of processing costs. Utilizing the relative competitiveness to provide guidelines for a negotiation position (2002/03) for this industry at the WTO, tariffs were proposed for CARICOM countries. Strategies for enhancing competitiveness and industry development were also suggested. The Caribbean Development Bank & The Caribbean Poultry Association (CPA) funded the study which was done in collaboration with the Department of History, Faculty of Humanities and Education, and Caribbean Poultry Association (CPA).

FOCUS ON... INSTITUTIONAL STRENGTHENING

SCHUMBERGER FOCUS ON INSTITUTIONAL STRENGTHENING

In a demonstration of the vital links that can be created between industry and education, Schlumberger Trinidad Inc. recently contributed software, licenses and maintenance services for its full suite of GeoQuest Geoscience Software valued at US\$1.8M to The University of the West Indies. The innovative two-year-old Petroleum Geoscience Programme of the Department of Chemical Engineering, Faculty of Engineering, intends to use the software to help students develop "hands-on" proficiency with the technology being used in the international petrochemical industry. The GeoFrame Reservoir Characterization suite is at the cutting edge of technology in log evaluation, correlation and mapping techniques using well and/or seismic data in the geosciences industry. The availability of this software for the University's Petroleum Geoscience Programme now ensures that Engineering students will enhance their competency in dealing with the rapidly changing, dynamic technological knowledge and performance dictates of the industry. In addition to the software, students and administrators of the Petroleum Geoscience Programme will be receiving specialized training. The UWI continues to pioneer and develop world-class specialised programmes catering to the dynamic advancements in petrochemical and other emerging industries.*

tion Technology and has institutional cooperation arrangements with the Pan-American Health Organisation, the Chief Personnel Office, the Ministry of Labour and Small and Micro Enterprise Development, The Turks and Caicos Community College, and the Tertiary Learning Institution Unit.

Distance Education

The University of the West Indies Distance Education Centre (UWIDEC) expanded the delivery of distance learning opportunities for students in the region by increasing intake from 2,000 students in 2001 to 2,511 students in 2002. These students were attached to 28 sites in the 16 supporting countries of the region. In Trinidad and Tobago, registration at the four sites increased from 342 in 2001/02 to 419 registered students in 2002/03.

Notwithstanding the increase in student intake, the UWIDEC continued to enhance delivery of its programmes by implementing innovative strategies in the areas of curriculum development, materials distribution and telecommunications.

During the year, further curriculum development work was carried out on the level III course SY22E Survey Design and Analysis, and work began on the new course AM32A Marketing and Price Analysis. In addition, five courses were re-printed to accommodate an increase in demand for materials.

To enhance student support, greater attention was paid to providing more detailed course guides to students. Also, a booklet entitled *Guidelines for the UWIDEC Tutor* was developed by the curriculum development team at St. Augustine and training sessions were held with tutors to familiarize them with their roles.

Efforts were also made to facilitate better communication and clarify the roles and functions of UWIDEC course coordinators at St. Augustine. Currently, course coordinators at the St. Augustine campus are responsible for the coordination of 33 courses offered by UWIDEC. Meetings were held and resources were made available to enhance the capabilities of these course coordinators.

The increase in student enrolment placed additional demands on the distribution of materials. The new tracking system that was put into place in the previous year, however, resulted in the efficient delivery of self-instructional print materials throughout the region.

While self-instructional materials continue to be the core component of the delivery of the University's distance programmes, UWIDEC, St. Augustine continued its project to incorporate an on-line component into the delivery mix of the University's distance programmes using WebCT software. During 2002/2003 aspects of seven courses were put on-line, allowing students greater access to course information, recent articles, self-assessment quizzes and on-line discussions.

The St. Augustine project to incorporate an on-line component into the delivery mix of the University's distance programmes has been the basis for two research papers presented at international conferences in Barbados and South Africa.

The department was involved in a series of training activities for staff, in preparation for the introduction of Just in Time Lecture technology. The JIT-L technology facilitates the preparation and delivery of teaching and learning material, using combinations of video, audio and graphics on a CD-Rom. The training activities held in Trinidad and Tobago were a JIT-L symposium for all UWIDEC members of staff in Trinidad and Tobago, and a regional workshop.

The JIT-L symposium sought to describe JIT-L and explain its functions. The symposium also highlighted some of the possible implications of the technology for UWIDEC. The second training activity was a series comprising two regional workshops, held on June 3-4 and June 5-6, in Port of Spain Trinidad, with the support of the Organization of American States (OAS). The first workshop in the series targeted technicians and site

coordinators, while the second targeted tutors and course coordinators. The regional workshops were intended to introduce participants to JIT-L and to their potential role in the implementation of JIT-L, as part of the UWIDEC course package.

On December 19, 2002 bpTT agreed to partner with UWIDEC to establish a Mayaro Sub-Site at the bpTT Mayaro Centre. Based on the agreement with bpTT, UWIDEC invited applications for three programmes,

FOCUS ON... RESEARCH

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 January 23, 2003, when the first Faculty 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.

the B.Sc. General Degree with a Double Major in Agribusiness, the B.Ed. (Educational Administration) and the B.Sc. Degree in Management Studies. UWIDEC received an encouraging response of 24 applications. The Mayaro sub-site will be a welcome addition to UWIDEC. UWIDEC St. Augustine coordinated a seminar on Legal Issues in Distance Education which was held on February 25 2003. The seminar was supported by the Ford foundation and organized by the Legal Unit, Office of the Vice Chancellor. Topics discussed at the seminar included: ownership and control of course materials, contract issues, legal issues involved in using materials on the Internet, fair use, copyright infringement, faculty conflict of interest and commitment, legal responsibility of the University in on-line environments.

UWIDEC is working actively towards setting up a full site at the capital, Port of Spain. This would fill the need of the banking, insurance, governmental and business sectors for access to UWI programmes. Additionally, with the current enrollment of 221 students, the St. Augustine student facility has reached the maximum that it can accommodate and over the past two years all tutorials have been conducted off-site. There is an urgent need for the St. Augustine site to be relocated to larger accommodation.

In March 2003, as part of a pilot project, the network in Trinidad & Tobago was migrated to frame relay. The recurrent cost of the frame relay network would be lower than the old 64 kbps leased circuit network but the sites would have in-

creased bandwidth. The main goal of the pilot project was to determine if the frame relay network would be capable of carrying the audio conference traffic without any reduction in quality. The pilot was a success and there will be a complete migration of the UWIDEC network to frame relay.

Research

As a strategic imperative there is increasing importance placed on research output of the campus. The Office of Research has the responsibility to co-ordinate research activities across the three campuses. The Office of Research is currently establishing inter-campus Research Networks in selected focal areas. The first University-wide Research Network, the Environmental Research Network was established. The network has a Coordinator on each Campus and 90 persons joining as Network Members across the three Campuses. Meetings have been held with the Deans of the Faculties of Humanities and with the three Co-Chairs of the University's Cultural Studies Initiative to begin the development of a Cultural Studies Research Network. Similarly, a University-wide M.Sc. in Natural Resource and Environmental Management was introduced in 2003. This is the University's first cross-campus, cross-faculty Masters programme. It currently consists of three University core courses, delivered in modular form or by distance by the Office of Research, and a choice of five Specialisation Streams on different campuses. Similar University-wide Masters programmes in Cultural Studies and Biotechnology are currently being designed.

FOCUS ON... LEADERSHIP FROM PRINCIPAL TO PRESIDENT



Former Campus Principal, Professor Emeritus George Maxwell Richards was appointed 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.

The Office of Research continued to identify potential collaborative research activities between UWI researchers and researchers from other institutions of high research repute or of significant regional relevance, and to facilitate the initiatives. Initiatives supported in 2002/2003 involved collaboration with the Imperial College of Science, Technology and Medicine, London, CARDI, the University of East Anglia, U.K., the University of Guyana, McGill University, the Rosensteil School of Marine and Atmospheric Sciences, University of Miami, the Killam Research Chair,

Dalhousie University, the National Marine Fisheries Services, U.S.A., the National Museum of Natural History, Cuba, the Washington Seafood Laboratory, Food and Drug Administration, U.S.A., the Council for the Development of Social Science Research in Africa, the Regional Negotiating Machinery, and the Society of Industrial Electronics, USA.

The Office also manages the Community of Science (COS) Network at UWI. The number of UWI staff and graduate students registered with COS is currently 1,062. Use of the COS Expertise domain and the Funding Opportunities domain by UWI is increasing sharply. For the first quarter of 2003, there were 4,361 hits on the former domain and 4,597 on the latter, as compared with 5,479 and 4,398 respectively for the entire year 2002.

To continue to build the capacity for doing research, workshops aimed at enhancing capacity and skills of UWI researchers and encouraging inter-institutional collaboration were conducted in the last academic year. These included a Workshop on 'Exploiting Research Results for Financial Gain'; a Seminar on 'Intellectual Property Rights and its Relevance to University Researchers'; and Workshops on "Graduate Student Supervisor Development". In the area of institutional strengthening, three new policy Papers were submitted for University Board and Committee approval. These were a Rationalisation of Credit Weightings in Graduate Programmes, a Policy and Procedure for the Appointment of Honorary Fellows in the School for

Graduate Studies & Research, and a Policy on Registration of Graduate Students in the School for Graduate Studies & Research. In collaboration with the Office of Sponsored Research, Mona, the Office completed a first draft of an upgraded Policy on Research Ethics at UWI, and a first draft on the Structure and Operation of a UWI Research Ethics Review Board.

Work continued on the formal Assessment of Departmental Research Activity as a tool for identifying areas in need of staff development and support. The assessments conducted in 2002/03 were: Department of Liberal Arts (French Discipline); Department of Behavioural Sciences (Social Work Discipline); Department of Chemical Engineering; and the School of Veterinary Medicine, St. Augustine.

As a component of the effort to recognize and reward high quality researchers at UWI, the Office of the Campus Principal and the Office of Research, conceptualised, administered and funded the following Researcher Awards for St. Augustine's Research Day(s) 2003: Best Researcher, Best Research Team, Most Productive Department, Best Multi-Disciplinary Research Project, and Most Direct Impact Research Project.

The Research Support Officer, funded by the Caribbean Development Bank to provide information on potential research sponsors to UWI researchers and facilitate cross-campus research proposal development and submission to donors, was appointed to the Office of Research in January 2003.

The Office facilitated Institutes, Centres and Departments in the development and submission of several research grant proposals, with a total value of \$US4.37 million in 2002/2003. Approximately \$US 1.67 million has been realized to date from the Lighthouse Foundation, Germany; the National Oceanic and Atmospheric Administration (NOAA, USA); the Caribbean Development Bank; the Wellcome Trust, U.K; and the Rockefeller Foundation, USA. The Office also facilitated the award of twelve contracts in 2002/03, the total value of the contracts was approximately \$US 0.6 million

The Office continued to lead the Feasibility Study, funded by the Caribbean Development Bank, for the development of a Caribbean Research Funding Agency and continued to administer the Caribbean Development Bank Technical Assistance Programme to UWI valued at \$US 0.7 million over a four-year period.

Some projects were faculty initiated. These include work on the Millennium Ecosystem Assessment of the Northern Range and the Caribbean Sea; A project undertaken to address the problem of land degradation on hillside locations; and, Studies on farmers' attitudes to the use of tree crops and erosion control measures in Trinidad and Tobago, Grenada, St. Vincent and St. Lucia. Research is also being conducted in collaboration with WINFA –an association of Caribbean farmers, and the Ministry of Agriculture, St. Vincent and the Grenadines aimed at identification of efficient and sustainable non-chemical methods of weed control.

FOCUS ON... RESEARCH & INSTITUTIONAL STRENGTHENING

One Celebration 2003, our annual Campus staff party, was held at the Office of the Campus Principal on Saturday 2003 December 20. The function was very well attended and the occasion was used to recognise those who served the university well.

An Award for Most Enterprising Employee 2003 was presented to **Ms. Rosa Seepersad, Department of Behavioural Sciences, Faculty of Social Sciences.**

A number of Research awards were also given out as follows:

Best Researcher Award – to the researcher who had demonstrated the highest research productivity and quality over the past six years, and through that, had extended knowledge in a specific discipline and/or contributed significantly to national or regional development. The award went to: **Dr. Pathmanathan Umaharan, Department of Life Sciences**

Best Multi-Disciplinary Research Project Award – to the project which had most effectively used a multi-disciplinary approach to provide a comprehensive solution to a research problem of international, regional or national significance. The award was presented for: Project on **“Development of new Diagnostic Methods for Microvascular and Autonomic Complications of Diabetes, Cardiovascular Disorders and Sickle Cell Disease using Photoplethysmography”**. Project Leader: **Professor Christian Posthoff, Department of Mathematics and Computer Science.**



One Celebration



Most Direct Impact Research Project – to the project which has had the most significant tangible impact at the national, regional or international level, where impact may be demonstrated through a resultant change in public sector policy, improvement in a design or process, the award of a patent, use of the project output by a commercial or industrial enterprise, the solution of a tangible problem of economic significance, inter alia. The award was presented for: **“Crime Management, Crime Reduction and Crime Prevention”**

Principal Researcher: Professor Ramesh Deosaran, Centre of Criminology and Criminal Justice, Faculty of Social Sciences

Most Productive Department Award – to the Department, Institute or Centre which demonstrated the highest research productivity and quality over the past six years. The award went to: **The Department of Life Sciences, Faculty of Science and Agriculture.**

Three awards were also presented to the following Departments who **“have best met the Seven Strategic Objectives of the St. Augustine Campus”**: **Department of Civil Engineering, The Social Work Unit, Caribbean Food & Nutrition Institute (C.F.N.I.)**

FOCUS ON... RESEARCH/SHARING KNOWLEDGE

PARTNERSHIPS & POSSIBILITIES
RESEARCH DAY 2003

The St. Augustine campus has had a long and distinguished history of research, and in 2003 the Campus held true to this tradition at the Campus' first official Research Days. Faculty and graduate students shared and exchanged ideas on their current research projects, and shared them with the general public.

The Opening Ceremony launched this landmark event on Sunday April 6, 2003 at the new Sports & Physical Education Centre (SPEC). In his Welcome Speech and Remarks, Pro-Vice Chancellor and Principal of the St. Augustine campus, Dr. Bhoendradatt Tewarie reiterated the University's impetus to become "the major source of ideas and innovation in Trinidad and Tobago and the Caribbean". He noted that in order to achieve developed country status by the year 2020, it was imperative to "support research generously".

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 Humanities and Education' and 'Developing the Virtual Health Library at UWI Medical Sciences Library' by Ernesta Greenidge, to an instructional video for secondary school teachers on 'Creating Indigenous materials for use in Caribbean Classrooms' by Bruce Paddington and Dr. Cynthia James. There were also roundtable and panel discussions by the faculty and students of the Centre for Gender and Development Studies on 'Science and the Environment' and 'Gender and Entrepreneurship in Trinidad and Tobago', respectively. The seminars also revealed the tremendous amount of inter and intra faculty collaborations being conducted by faculty members throughout the University.

A number of graduate students also conducted seminars, including Chanzo Greenidge, from the Faculty of Social Sciences, who presented a case study of Caribana to illustrate 'Diaspora as a Global Economic Network: A New Strategic Approach to Caribbean Political Economy'.

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. The organisers included members of 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).

New & Ongoing Collaborations

In the Faculty of Humanities & Education, collaborative work continued with the Education Development Centre (Boston, Massachusetts) UNICEF in the production of Health and Family Life Education Support materials. There was collaboration and cooperation with the Institute of Education University of London on a project for Information and Communication Technology intervention in the education system of Trinidad and Tobago.

In the Faculty of Medical Sciences Memoranda of Understanding were signed with Sedaya International College of Kuala Lumpur, Malaysia and also with the Universal Empire Institute of Medical Sciences, Cochin, India. The main reason for forging these links was to recruit foreign students for the Medical, Dental and Veterinary Programmes and also to be involved in developments in Medical Education.

The Engineering Institute pursued an active linkage with the training Committee of the Association of Professional Engineers of Trinidad and Tobago (APETT) in setting up a system for the acquisition of Professional Development Units (PDUs) in the Continuing Professional Development (CPD) programme to qualified and certified engineers. Additionally, the continuing Engineering Education Centre of the Engineering Institute (EI) carried out projects and training programmes in disaster mitigation management for Caribbean Disaster Emergency Response Agency.

Additionally, the successful completion of an OAS Funded contract for

professional development in the Design Construction and Maintenance of Coastal Infrastructure for the Caribbean Region, on behalf of the USAID - Hurricane Lenny Recovery Project led to research collaboration between the Department of Civil Engineering, UWI, and the Coastal Engineering Centre, Old Dominion University, Virginia, USA, resulting in the establishment of a storm surge and wind forecasting system for hurricane events in the Caribbean, called the Caribbean Data Hazard server, now resident in the Faculty of Engineering. The collaboration also covered the joint delivery of the M.Sc. in Coastal Zone Engineering and Management, developed by the Department of Civil Engineering.

In the faculty of Science & Agriculture, the Department of Life Sciences has entered into Memorandum of Agreement with the ASA Wright Nature Centre and the Buccoo Reef Trust.

External Relations

Stakeholder & Alumni Relations is an important Strategic objective and as part of the fulfillment of this objective there was an intensifying of the activities geared towards embracing the various publics. These activities ranged from special events to academic programming.

In the Faculty of Humanities & Education, a pre-Carnival programme was conducted by the Arts in Action group in 55 specially selected schools. The programme entitled "Carnival Choices" focused on topical issues affecting young people such as violence, promiscuity, substance abuse and criminal activity.

It formed part of the initiative of the Government of Trinidad and Tobago to deal with violence and indiscipline in schools. The performances were followed by a workshop where students get an opportunity to share their views on the topic which was dramatically presented.

The Department of Math & Computer Sciences did a course in Mathematics for Secondary School Teachers in the summer. In July/August 2003 the Department of Mathematics conducted a Teachers' Training Course in Mathematics for Secondary School Teachers in conjunction with the Ministry of Education.

Cross Campus Teams visited fairs, schools and colleges regionally over a period of eight weeks to talk with stakeholders about UWI. Some of the islands visited include Antigua, Barbados, Dominica, Grenada, St. Lucia, Tobago and The Bahamas. The resident tutors played an integral role in working with event coordinators and members of the Marketing and Communications Office to market and plan several interventions in the various countries. Students and professionals were very interested in the UWI Prospectus, newsletters and videos, and the response was extremely positive re applying to UWI. Locally, Over 12,000 students, teachers, parents and professionals enjoyed touring The University of the West Indies, (UWI) St Augustine Campus from October 15-17 during our increasingly popular Open Days. At the main display in the Sport and Physical Education Centre, and the many displays within the faculties themselves, students learned more about entry requirements, programmes

offered, scholarships and bursaries, and the many career opportunities for graduates of this institution.

Some of the world's leading intellectuals and artists were featured in 2004 at The University of the West Indies Distinguished Open Lectures, including Nobel laureates and award winning scientists and economists. The campus also organised and hosted its first "Research Days", in it Faculty and graduate students shared and exchanged ideas on their current research projects, and shared them with the general public. 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.

Many Conferences & Symposia also occurred during the review year. This included the Biennial Conference of the Society for Caribbean Linguistics; A Conference in Fluid Dynamics; Critical Thinking; Cultural Studies, HIV/AIDS and the Power of Education; A Symposium with the IMA on the Ecological Assessment of Rivers and a conference on the Hindu presence in Trinidad and Tobago. In the reporting year the National Herbarium also celebrated its

115th Anniversary with presentations, a panel discussion and a public exhibition and co-hosted a public exhibition with the House of Angostura entitled "The Spirit of the Herbs".

The University Field Station also held a "Field Day" which was organized to introduce researchers, extension workers and farmers to new and promising varieties of produce. There, 19 varieties of tomato were evaluated. The field day was an undeniable success based not only on the attendance but also on the number of quality discussions that emerged during the activity sessions.

FOCUS ON... RESEARCH



HISTOPATHOLOGY AND VENTRICULAR FUNCTION FOLLOWING PORCINE CARDIAC TRANSPLANT REJECTION

Organ rejection remains an important limitation of clinical cardiac allo-transplantation (CAT). Researchers from the Cardio-Pulmonary Research Unit, UWI, St. Augustine and the Centre de Recherche, Montreal Heart Institute, Montreal, Canada (S. H. Brann, L. Perrault, D. H. Williams, C. Legall, N. Mootoo, D. Chen, L. Merritt, P. Pitt-Miller, H. Daisley, C. Ezeokoli, and C. N. Thomas), collaborated and developed a porcine model of untreated rejection at the School of Veterinary Medicine, UWI, St. Augustine. Porcine Retroperitoneal Heterotopic CAT (PHCAT) was performed on two pairs of Yorkshire swine. Under general anaesthesia, the donor heart was arrested, explanted, preserved and then implanted into the recipient pig's abdomen with the aorta and pulmonary artery of the transplanted heart anastomosed to the abdominal aorta and inferior vena cava of the recipient. The heart was electrically stimulated and regular contraction established. The second PHCAT was successful. Ejection fraction measured by echocardiogram immediately post-transplant was 75% and fell progressively over the ensuing weeks to less than 10% at 10 weeks post transplantation. The picture below shows the native (left) and transplanted heart (right) explanted from the recipient pig 10 weeks after transplantation. Histopathology revealed Grade IV rejection with lymphocytic infiltration, diffuse myocardial fibrosis, ischemic necrosis and obliterative vasculopathy. This model of untreated rejection may be suitable for the evaluation of therapeutic strategies for the prevention of rejection. This research was supported by the Campus Research and Publication Fund

FOCUS ON... (REGIONAL) OUTREACH

**FROM COAST TO COAST:
UWI HIGHLY POPULAR AT COLLEGE FAIRS**

Over 7,000 students from Bahamas to Belize, got an opportunity to learn first hand about The University of the West Indies during October – November 2003. In its commitment to inform stakeholders throughout the region about the academic requirements and offerings at The University of the West Indies, representatives from the Admissions Department and from Faculties across our three main campuses, along with staff from The Marketing and Communications Office, traveled to Caribbean College Fairs, High Schools, UWI Centres and Community Colleges, to talk about the benefits of studying at the leading tertiary level institution in the region.

Diverse teams visited the fairs, schools and colleges over a period of eight weeks to talk with stakeholders about UWI. Some of the islands visited include Antigua, Barbados, Dominica, Grenada, St. Lucia, Tobago and The Bahamas. The Admissions Division at UWI St. Augustine, partnered with the Marketing and Communications Office to coordinate the visits. Members of the various teams included: Mrs. Pat Brown, Dr. E. Monica Davis, Mrs. Dawn-Marie De Four-Gill, Ms. Rishma Deonarine, Ms. Vanessa Duncan, Dr. Richard Fairman, Mr. Saadiq Khan, Dr. Winston Lewis, Mr. Steve Maximay, Mr. Steve Ouditt, Ms. Alake Pilgrim, Mrs. Chandra Ragoonath, Mrs. Lystra Roach, Dean Clement Sankat, Dr. Indar Ramnarine, Professor Winston Suite and Mrs. Anna Walcott-Hardy.

The resident tutors played an integral role in working with event coordinators and members of the Marketing and Communications Office to market and plan the event. Students and professionals were very interested in the UWI Prospectus, newsletters and videos, and the response was extremely positive re applying to UWI.



Members of Staff continued to serve on Boards and otherwise gave of their expertise to governmental and nongovernmental bodies including the EMA, IMA, NIHERST, CARIRI, CXC, The Ministry of Health, Trinidad & Tobago Bureau of Standards and the Governmental Advisory Task Force on the Establishment of the University of Trinidad and Tobago.

FUTURE DIRECTIONS

We envision that by 2007, the campus at St. Augustine will be 12,000 strong in terms of undergraduate students and we are also pursuing a target of 4000 graduate students, fifty percent of whom will be engaged in full time research. It is our intention to stabilize the full time student population at this number.

To support this expansion we are embarking on projects to provide additional classrooms, laboratories, conference rooms to strengthen the teaching and learning environment. We are also in the design stage of dormitory and student-housing construction so that more of our students can have access to decent and safe housing in a well managed environment. By 2007 we should have housing available for about 1500 additional students.

Beyond our full time day programmes though, we anticipate growing enrolment in our Evening University and Distance Learning programmes. There is absolutely no reason given the outflow of students from CXC and 'A' Levels, why the population cannot absorb 5000 students in our Evening University between 2004-2010. Moreover, it is not unrealistic to expect that by 2010 the St. Augustine campus

would also be providing education for about 4000 Distance Learning students. This means that by 2010 the St. Augustine campus can be supporting the educational objectives of about 25,000 students.

As we expand we hope to attract a stronger mix of students. Between now and 2007 we hope to increase our intake of regional students. Currently there are about 1000 students from across the region on campus. We would like that number to rise to 1500 by 2007. We antici-

pate that international students who now constitute 1% of the total student population will grow to about 7% by 2010.

As we envision the future and take steps to make it a reality we are guided by some basic principles and frameworks. First of all we are committed to nurturing a Learning Community on the campus and facilitating the development of a Learning Society wherever in our institutions and communities our people live, work and play. On this cam-

pus, in this institution we take Learning seriously; we regard education as the most serious of serious endeavours and we view the formation of intellectual capital and the generation of knowledge assets which take place at this University as direct stimuli to, and active agents of the development process, contributing to its acceleration as well as the spread of benefits.

Beyond the Learning Society idea, however, we are bringing a much more business like approach to the management of the University and a more collegial approach to Governance. More and more departments and units will adopt this kind of approach in the future and some of the entrepreneurial initiatives we are taking now in terms of business development and new ventures will begin to flourish in the not too distant future.

Meanwhile, we will continue to work with the business sector and with government to create value and to win their support as we embark on strategies beneficial to them and to the society as a whole.

The St. Augustine campus is driven by its five (5) core values which are (1) to lead by example; (2) to strive always to be the learning leaders of the educational sector; (3) to spread the culture of learning beyond the walls of the University; (4) to pursue thoughts, ideas, research and writing independently and with objectivity and (5) to embrace change and make change always for the better.

We shall also pursue diligently our seven (7) strategic objectives as follows: student centeredness, ex-

FOCUS ON... REGIONAL CHANGE/INTEGRATION



CARICOM PAPER ON GOVERNANCE

In January, the Prime Minister of Trinidad and Tobago asked The University of the West Indies, as the major source of intellectual capital in the Caribbean region, to prepare a paper on Options and Strategies for CARICOM in the Area of Governance for Caribbean Regional Integration. This significant paper was presented at the Special Conference of CARICOM Heads of Government in February by Pro-Vice-Chancellor and Campus Principal, Dr. Bhoendradatt Tewarie. The Principal of the St. Augustine Campus and the Vice-Chancellor assembled a team of academic staff from St. Augustine, Mona and Cave Hill. The contributors included the Principal, Dr. Bhoendradatt Tewarie, Professor Karl Theodore, Dr. Hamid Ghany, Dr. Roger Hosein, Professor Vaughan Lewis, Dr. Ranjit Singh, Dr. Carlisle Pemberton, Dr. Ann Marie Bissessar, Gerard Cooper, Dr. David Rampersad (St. Augustine) and Professor Neville Duncan (Mona). Dr. Anthony Bryan (University of Miami) and Gregory McGuire of the NGC also contributed to the paper.

The paper highlighted a number of areas that deserved urgent attention, especially the full implementation of the Caribbean Single Market and Economy (CSME). It listed the challenges facing the region including the intensifying process of globalization, the imminent end to preferential regimes, major setbacks for sunset industries especially those linked to primary production, among others. It also addressed major areas of concern to the region such as security, air transportation, energy and food and agriculture.

The paper emphasized the importance of creating a well-educated society that could take advantage of the knowledge-intensive information economy, a society that would have the potential to create wealth for the entire region. It also emphasized full economic integration as a platform on which political integration might possibly be built.

pansion of access, quality education and life, strong IT platform, optimal use of every dollar, institutional strengthening and meaningful stakeholder and alumni relations.

In pursuit of these objectives we will be doing the following over the next year as we build a platform to achieve our long-term institutional objectives.

The Planning Office will collaborate with the Campus Registry in a study to analyze the factors influencing the high incidence of non-retention of students in certain programmes at the end of their first year of studies at the University. The Planning Office also expects to complete a special study (previously delayed because of the unavailability of required data) of the relative demand for different programmes offered by the University and the associated demand/supply imbalances. This study will assist the University in planning expansion of capacity.

- *A full wireless campus will be implemented, along with the consolidation of the servers throughout the Campus to improve manageability, efficiency and to ensure more cost effective use of the equipment. The communications infrastructure will also be improved to facilitate secure and responsive access to world-wide information and services, thus providing the capacity for changing demands. Most importantly, we expect to have full on-line registration by August supported by the complete implementation of the student banner system.*
- *Student Services will be reorganized with the strengthening of*

interventions made with respect to student welfare and development, academic counselling, and career guidance and placement. Significant resources are also expected to be channelled into on-campus student housing. This includes the expansion of post-graduate accommodation at Milner Hall and the development of new Residential Learning Facilities which are secure learning and living spaces.

- *As part of the overall beautification of campus, the north and south entrances will be expanded and enhanced. These aesthetic improvements will be accompanied by advanced security measures such as electronic monitors at the entrances and the fencing of the Sport & Physical Education Centre.*
- *Substantial investment in the expansion of the Library's digital and on-line academic, reference and professional resources by increasing the number of full-text/online databases subscribed to with an emphasis on science and technology, and the social sciences. Linked to this will be the creation of a bank of information products specially designed for use by distance learners in accordance with acceptable standards and guidelines and the development of a digital gallery of selected West Indian & Special Collection materials.*
- *Continued commitment to the sourcing of funds, locally, regionally and internationally, to assist with the provision of scholarships and bursaries for students. In this vein, it is hoped that the*

campus will also move towards the recognition of sporting expertise with the provision of full athletic scholarships. Efforts will also intensify in the drive to access research funds and capitalise on opportunities for income generation especially in areas of expertise such as bio-diversity, cultural studies, natural hazards management and innovative management systems.

- *Reconfiguration of the telephone system to make it faster and more reliable. This will begin with the expansion of the number of lines to the university to one hundred and the dedication of forty of these to incoming calls only. On-campus extensions will be regrouped to ensure more efficiency, and full automated voice assistance and voice mail facility will implemented. The campus will also move towards Voice Over an Internet Provider (VOIP) to utilize the broad bandwidth to link the St. Augustine to the other two campuses in such a manner that they can be accessed via the internal phone extensions.*

The vision for the St. Augustine Campus is to make it a Centre of Excellence in the Caribbean/Latin American region, among the developing countries of the world, in the Western Hemisphere, and in the World at Large. The many parts of the campus will continue to work together to achieve this excellence. Together as a campus we will continue to nurture a strong relationship with the campuses in Jamaica and Barbados, all the UWI affiliated institutes and centres, the Trinidadian government and the governments of the region, our alumni, friends in

the corporate, labour, and education sectors, as well as the media. Our ultimate goal being that *UWI* truly stands for *Responsive Leadership*, truly depicts *Excellence in Action*, truly continues to *Focus and Value Achievement* at all levels and for everything related to *Knowledge* - is not just a name, but a description of how we work and what we are achieving on this campus.

THE OFFICE OF THE CAMPUS PRINCIPAL

Dr. Bhoendradatt Tewarie

Board Member, Caribbean Court of Justice Trust Fund
Board Member, Trinidad and Tobago
National Commission for UNESCO
Chairman, Vision 2020
Sub-Committee on Tertiary Education
Member, CXC Council
Board Member, CL Financial Limited
Board Member, Republic Bank Limited
Board Member, Trinidad Publishing Company Limited
Board Member, CARIFLEX
Member, World Future Society
Member, International Association
for the Study of Business & Society

FACULTY OF ENGINEERING

Mr. Clyde Abder

Patron, Avocat Village Sports Club
Hon. Vice President, UWI Rugby Football Club

Dr. Raid Al-Tahir

Member, The Committee for the Implementation of the Land Title and Legislative Package (Cabinet appointment)
Co-chair, Conditions and Trends Working Group, People and the Northern Range - the Millennium Ecosystem Assessment (in collaboration with the Cropper Foundation)

Dr. Raid Al-Tahir

Conducted research study using GIS, on "Rationalization of Service Stations in Trinidad and Tobago", Ministry of Energy and Energy Industries, Government of Trinidad and Tobago

Dr. Serwan M.J. Baban

Campus Co-ordinator, Environmental Research Network
Fellow, Royal Geographical Society (FGS), UK
Fellow, Geological Society of London (FRGS), UK
Fellow, Remote Sensing and Photogrammetry Society (FRSPSoc), UK
Visiting Fellow, School of Environmental Sciences, University of East Anglia, UK
Member, Remote Sensing and Photogrammetry Society, UK
Member and the National Representative, International Association for Hydrological Sciences (IAHS)
Member, Board of *Advisors*, Buccoo Reef Trust, Tobago
Coordinator and Founder, Centre for Caribbean Land and Environmental Appraisal Research (CLEAR)
Coordinator of a funded Higher Education link between CLEAR and the School of Environmental Sciences, University of East Anglia, UK
Member, Campus Committee for the Rationalisation of Environmental Programmes
Chair, Campus Sub-Committee for Environmental Research
Associate Editor, West Indian Journal of Engineering
Member, Editorial Board for the Asian Journal of Geoinformatics
Academic Referee for scientific books and papers for a wide range of National and International Journals
Membership of the Planning Committee for the Global Climate Organisation System (GCOS) conference in Costa Rica
Co-chair, People and the Northern Range, the Millennium Assessment (in Collaboration with the Cropper Foundation)

Prof. Milika Bajic-Brkovic

Secretary General, International Society of City and Regional Planners (ISoCaRP)
Chair, Scientific Committee, Society of City and Regional Planners (ISoCaRP)
Expert, List of experts for the evaluation of proposals of specific research programs European Commission, DG XII-Science, Research and Development
Associate, The Regional Environmental Center for Central and Eastern Europe (office in Belgrade, Serbia and Montenegro)
Editorial Board Member, Architecture & Urbanism Journal, IAUS, Belgrade, Serbia and Montenegro
Scientific Committee Member, ADR. IATICO, on-line journal for cultural and scientific cooperation, University of Ancona, Italy
Editorial Board Member, Facta Universitatis, University of Nis, Serbia and Montenegro (International scientific journal), Serbia and Montenegro
Organizational Committee Member, National Consultation: Vision 20:20 and Beyond, Trinidad and Tobago Society of Planners-TTSP, Trinidad and Tobago, November, 2002
Chair, Workshop 2: National Consultation: Vision 2020 and Beyond, Trinidad and Tobago Society of Planners-TTSP, Trinidad and Tobago, November, 2002
Researcher, International Forum of Researchers on Human Settlements, Italy
Member, Association of Urban and Spatial Planners of Serbia (UUS)
Member, Cropper Foundation Northern Range Assessment

Mr. Raymond Charles

Project Director, USAID-OAS regional Professional Development Training Programme in the Design, Construction and Maintenance of Coastal Infrastructure (CDCM), and Course Coordinator for Monitoring and Maintenance of Coastal Infrastructure
Coordinator, Caribbean Postgraduate Award in Transportation offered by the International Road Federation (IRF)
International Reviewer, United States Department of Agriculture Forest Service Low Volume Roads BMP Manual, USDAFS Manual-01

Dr. Vincent Cooper

Member, NIHERST technical committee on Cooperative Strengthening of National Institutions to enhance Integrated Water resources Management in the Caribbean
Member, National Drainage Code Committee, responsible for developing a Drainage Code for Trinidad and Tobago

Dr. Brian Copeland

President, Professional Inventors' Association of Trinidad and Tobago
Coordinator, Real Time Systems Group, UWI
Convener, Steelpan Research Centre, UWI
Member, Domain Name Stakeholders' Committee, e-Commerce Secretariat, Trinidad and Tobago, Ministry of Public Administration and Information

Dr. Richard Dawe

Member, Student Disciplinary Committee, UWI, St. Augustine
Invited Member of Selection Panel, 2003 - Scholarship and Advanced Training Division, Ministry of Public Administration and Information, Trinidad
Member, Committee for the Conference 'The Sixth Caribbean Congress of Fluid Dynamics' to be held in UWI, West Indies, January 21-23, 2004
Refereed a number of research papers for international journals, including Journal of Chemical Engineering Data, Transport in Porous Media, Journal of Colloid and Interface Science, SPE Journal, Journal of Petroleum Science & Engineering, Journal of Petroleum Geology, Journal of the University of Qatar and West Indian Journal of Engineering
Refereed research applications for funding for the UK EPSRC (Research Council) and for the University of Kuwait
External examiner, Advanced degree: Heriot-Watt University, Petroleum Engineering Department

Dr. Kit Fai-Pun

Chairman (Designate), the Engineering Management Chapter (IEEE) Trinidad and Tobago Sub-section
Member, Editorial Board of The West Indian Journal of Engineering
Member, Editorial Board of The Asian Journal on Quality Reviewer, Refereed Journals including West Indian Journal of Engineering (WIJE), IEEE Transaction in Engineering Management, Asian Journal on Quality

Dr. Derek Gay

Member, Board of Governors of the Institute of Marine Affairs (IMA)
Member, Seismic Engineering Committee, APETT.

Dr. Stephan Gift

Director, Telecommunication Services of Trinidad and Tobago
Member, Editorial Committee, West Indian Journal of Engineering

Dr. Clement A.C. Imbert

Member, Board of Directors of Metal Industries Company Limited
Secretary General, Council of Caribbean Engineering Organizations (CCEO)
Member, Editorial Board of the Journal of Design, Engineering and Technology (DETE), University of Guyana
Executive Council Member, International Association for Continuing Engineering Education
Member, Steering Committee, University of Trinidad and Tobago
Member, Organizing Committee of the World Steelband Music Festival

Dr. Tennyson Jagai

Chairman, Society of Petroleum Engineers, (SPE) Trinidad & Tobago Section
Member, Organising Committee for the Society of Petroleum Engineers, Trinidad and Tobago Section, for the 8th Latin American and Caribbean Petroleum Engineering Conference (VIII LACPEC), Hilton Hotel, Trinidad, April 27 to May 03, 2003
Member (*Advisor*), Technical Committee for the Society of Petroleum Engineers, Trinidad and Tobago Section, for the 8th Latin American and Caribbean Petroleum Engineering Conference (VIII LACPEC), Hilton Hotel, Trinidad, April 27 to May 03, 2003
SPE Representative, Trinidad and Tobago Institute of Technology (TTIT) Program Advisory Committee
Member, WIJE International Panel of Reviewers

Dr. Albert Kong

Evaluation Committee Member, UWIDEC's Conference Bridge

Dr. Timothy M. Lewis

Principal researcher and lead author, A research study culminating in the "Report on The CARICOM Construction & Installation Services Sector - Elements For Competitive Strategies Study", for the Caribbean Regional Negotiating Machinery, Kingston, Jamaica
 Conference Chairman and Chairman of the Organising Committee, Joint Symposium of the International Council for Research and Innovation in Building and Construction - CIB - Working Commissions W92 (Procurement Systems), W63 (Affordable Housing), CIB TG36 (Quality Assurance In Construction), CIB TG23 (Culture In Construction), "Procurement Systems & Technology Transfer", January 14 - 17, 2002

Dr. Winston G. Lewis

President, Association of Professional Engineers of Trinidad and Tobago (APETT)
 Member, National Curriculum Development Council of Trinidad and Tobago
 Member, Steering Committee of The University of Trinidad and Tobago
 Member, Master Craftsman's Examination Committee of Trinidad and Tobago
 Co-Chairman, Organizing Committee, 16th Annual Technical Conference, Association of Professional Engineers of Trinidad and Tobago
 Chairman, Awards Committee, Association of Professional Engineers of Trinidad and Tobago

Dr. Kim Mallalieu

Member, Telecommunications Authority of Trinidad and Tobago
 ITU Centres of Excellence Project
 Member, Domain Name Stakeholders' Committee, e-Commerce Secretariat, Trinidad and Tobago, Ministry of Public Administration and Information
 Editorial Advisory Board, The International Journal of Engineering Education
 Member, National Industrial Park Planning Committee
 Member, Caribbean telecommunications/ ICT Partners Team

Mrs. Jill Marcelle-De Silva

Member, Panel of judges for "The Prime Minister's Award for Innovation and Invention 2002 Lifetime Achievement Awards in the Energy and Energy Based Industries Sector"
 Member, Planning committee for the Society of Petroleum Engineers International Latin American and Caribbean Petroleum Engineering Conference (LACPEC VIII), Hilton Hotel, Trinidad from April 27 to May 03, 2003, with the responsibility for organising the short courses which were held over the period, and chairing Technical Sessions
 Member, Petersville Road (Cunupia) Development Committee

Professor David R. McGaw

Member, Board of Directors/Management of the following organisations:
 Alstons Building Enterprises Limited
 ANSA Chemicals (Chairman)
 Carib Brewery
 Carib Glassworks
 CARIRI
 UWI Institute of Business

Professor Winston Mellowes

Chairman, APETT Membership Committee
 Member, Board of Engineering and Chairman of Membership Committee
 Chairman, Caroni Limited Factory Performance Task Force
 President, Caribbean Academy of Sciences

Dr. Keith M. Miller

Member, The Hydrographical Society of the United Kingdom
 Land and Surveys Division, Ministry of Agriculture, Land and Marine Resources, Improvements to the Geodetic Infrastructure of Trinidad and Tobago

Dr. Asad Mohammed

Deputy Chairman, Vision 2020 Sub-committee on Housing
 Member, Vision 2020 Sub-committee on Regional Development and Sustainable Communities
 Member, Board of the Environmental Management Authority
 Chairman, Regularization of Non-conforming Development Activities
 Chairman, West Coast Strategic Planning Committee (Cabinet Appointed)
 Chairman, Reclamation Committee (Cabinet Appointed)

Dr. Michelle Mycoo

Member, International Society of City and Regional Planners, The Hague, The Netherlands
 Member, Trinidad and Tobago Society of Planners, Trinidad
 Research Associate, Sustainable Economic Development Unit, University of the West Indies, St. Augustine, Trinidad
 Steering Committee Member of Caribbean Sustainable Economic Development Networks (CSEDNeT), Trinidad
 Member, Advisory Committee of the Caribbean Planners Network

Dr. Jacob Opadeyi

Member, Royal Institution of Chartered Surveyors
 Member, American Society for Photogrammetry & Remote Sensing
 Member, American Congress on Surveying and Mapping
 Member, Joint Working Group on Low Cost Technology of FIG Commission 5 and 7
 Regional Coordinator, Caribbean Land and Water Resources Network
 Member, Earth Charter National Committee of Trinidad and Tobago
 Member, PROCICARIBE National Coordinating Committee

Dr. Robin Osborne

Member, National Advisory Committee on Education.
 Chairman, TTBS Technical Committee on Ready Mixed Concrete.

Dr. Angelus C. Pilgrim

Chairman, The University School
 President, Trinidad and Tobago Amateur Gymnastics Association
 Member, Caroni Factory Task Force
 Faculty, University Committees

Dr. Kangala Ramamurthy

Member, Expert Committee on Building Maintenance, United Nations Centre for Human Settlements

Dr. Bheshem Ramlal

Lands and Surveys Division, Ministry of Agriculture, Land and Marine Resources- Medium Scale Mapping for Trinidad and Tobago
 Geological Mapping and Digital Database Development for South Trinidad - Talisman Trinidad Limited
 Medium Scale Mapping for Trinidad and Tobago - Lands and Surveys Division, Ministry of Agriculture, Land and Marine Resources
 Development of a Digital Spatial Database of University Properties - The University of the West Indies, St. Augustine Campus
 Served as a member of the interview panel for the LASPAU/ Fullbright Scholarship Program, US Government (2002, 2003).
 Founding Member, Centre for Geospatial Studies
 Founding Member and Member of the Steering Committee, Center for Caribbean Land and Environmental Appraisal Research (CLEAR)
 Member, Faculty Flooding Research Group
 Member, Cropper Foundation Northern Range Assessment Collaborator, Buccoo Reef Trust
 Member, Bat Research Group
 Member of Database Management team, Proposed National Biodiversity Centre

Prof. Upamaka R.K. Rao

Member, International Advisory Committee, International Conference on e-manufacturing

Dr. Carmen Riverol

Refereed a number of papers of International Journals: Chemical Engineering Communications, ISA Transaction and Chemical Engineering Journal
 Member, Technical Committee on Artificial Intelligence of International Association of Science and Technology for Development
 Member, Scientist Committee of SCS - Europe

Prof. Anil K. Sharma

Publication Reviewer, American Concrete Institute (ACI) for the ACI Structural Journal, and the Concrete International Magazine
 Member, four ACI Technical committees

Dr. Chandrabhan Sharma

Director, Trinidad and Tobago Electricity Commission
 Director, Republic Bank
 President Elect, Association of Professional Engineers of Trinidad and Tobago

Dr. Gyan Shrivastava

Member, Editorial Board, Journal of the Association of Professional Engineers, Trinidad and Tobago
 External Examiner, Fluid Mechanics, University of Guyana
 Reviewer, Journal of Water & Maritime Engineering. The Institution of Civil Engineers, London, UK

Mr. Keith Sirju

Chairman, Editorial Board, Journal of the Association of Professional Engineers, Trinidad and Tobago
 Commissioner, The Piarco Airport Commission of Enquiry, Government of The Republic of Trinidad and Tobago

Mr. Jeffery Smith

Member, Association of Professional Engineers of Trinidad and Tobago
 Associate Member, Institution of Chemical Engineers, UK

Prof. Winston Suite

Chairman, Board of Directors of the Public Service Transport Corporation (PTSC Ltd)
 Chairman, Panel of adjudicators of the Prime Minister's Exporter of the Year Awards in Quality, Productivity and Innovation
 Chairman, Faculty of Engineering Open Days Committee

Dr. Kodidine Venkataramana

International Reviewer, Technical paper on "Engineering Geological Characteristics of Expansive Soils in China", for the international journal Engineering Geology

Prof. Chintanapalli Venkobachar

Member, West Indian Journal of Engineering International Panel of Reviewers
Member, Organising Committee for the International Conference in Civil Engineering, Indian Institute of Technology, Kanpur, 2002

Dr. Jeremy Brent Wilson

Advisor, Setting-up of a biotic water-monitoring scheme, Nevis

FACULTY OF HUMANITIES AND EDUCATION**Prof. Bridget Brereton**

Chair, Panel at Association of Caribbean Historians (ACH) Conference, Puerto Rico, 2003

Dr. Beverly-Anne Carter

Chief Examiner, French, Caribbean Examinations Council (CXC)
Reviewer, Caribbean Curriculum
UWI St. Augustine Representative, UWI – UAG Exchange Meetings, Fouilloule, Guadeloupe
UWI Representative and Feature speaker, Salon du Lycéen, Martinique
UWI Representative and Feature speaker, Salon de l'étudiant et du Premier Emploi, Guadeloupe

Dr. Claudius Fergus

Co-ordinator, Summer Program, History Courses

Dr. Kusha Haraksingh

Chairman, UWI Library Committee
Member, Augmented University Pension Committee
Legal Advisor, West Indies Group of University Teachers (WIGUT)

Dr. Martin Munro

Cambridge, A-Level Oral Examiner (French)

Mr. Basil Reid

Member, World Archaeology Congress
Conducted joint archaeological project with Trent University, Canada
Collaborated with a number of Government agencies in preparation of maps, survey reports and information gathering

Dr. Brinsley Samaroo

U.W.I. Co-ordinator, "Crossing Borders", Ford-funded international project involving U.W.I., St. Lawrence and Trent Universities
Conference Chair, "The Hindu Presence in Trinidad and Tobago" jointly sponsored by the History Department and the Sanatan Dharma Maha Sabha. October 2002, 25-27

Mr. Vishnudas Singh

Member, Board of Governors, National Institute of Higher Education, Science, Research and Technology
Chairman, NIHERST/CORD Accreditation Committee
Member, Cabinet Committee on Establishment of a National
Member, Accreditation Committee for Trinidad and Tobago
President, West Indies Group of University Teachers (St. Augustine)
Member, The University of the West Indies Pensions Committee

Dr. Godfrey Steele

Judge, Elocution and Choral Speaking, Biennial Arts Festival, The Methodist Church

Dr. Elizabeth Walcott-Hackshaw

Member, Board of Trustees, Alliance Française (2001-2002)

FACULTY OF MEDICAL SCIENCES**Dr. Haytham F. Al-Bayaty,****Dr. Paluri R. Murti,****Dr. Joshua Scipio,****Dr. William Smith**

Made a presentation about the School of Dentistry at the 'Cavident' organized Dental Conference in Antigua in June 2004

Dr. Terry F. Ali

Member, Stadium Board Committee to oversee all national stadia
Member, National Task Force for sports Development Policy in Trinidad and Tobago
Director, National Sports Medical Clinic at Hasely Crawford Stadium.
Immediate Past President, Association of Surgeons of Trinidad and Tobago and committee member
Member, Medical advisory committee to the West Indian Cricket Board.
Medical Advisor, Trinidad and Tobago Olympic Committee
Chairman, Trinidad and Tobago Sports Medicine Association
Chairman, Trinidad and Tobago Sports Medicine Association
Lecturer, Department of Sports, University of the West Indies. Sports and Science Programme
Advisor, National Training Agency on physical training education programmes

Dr. Nelleen Baboolal

Member, Psychiatric Hospital Tribunal

Mrs. Ernesta Greenidge

President, Library Association of Trinidad and Tobago (LATT), 2003-2005

Dr. Solaiman Juman

Representative, Caribbean Association of Otolaryngologists (CAO) on the International Advisory Board of Otolaryngology, Head and Neck Surgery, the Journal of the American Academy of otolaryngology, Head and Neck Surgery
Representative, International Federation of Otorhinological Societies (IFOS)
Honorary Consultant, DR.ETCHI

Ms. Marilyn Lewis

Secretary, West Indies Group of University Teachers (WIGUT)

Dr. D. Maharaj

Consultant, John Hayes Kidney Foundation.
Consultant, Blue Star Charitable Clinic

Prof. George N. Melville

Chairman of the Vision 20/20 Sub-Committee on Health

Dr. Wayne Mohammed

Member, Management Committee, National Cancer Registry of Trinidad and Tobago
Member, Cytology Advisory Group, which guides the Caribbean Cervical Cancer Prevention and Control Project (CCCCPCP). This group works under the auspices of CAREC (PAHO/WHO) to implement national cervical cancer prevention programmes in the Caribbean
Clinical Director, Laboratory Services E.W.M.S.C., 2002 to present

Dr. A.V. Chalapathi Rao

Member, Advisory committee for MLT programme at COSTAAT
Provided laboratory service to EWMSC

Dr. Joan Rawlins

Member, Inter-Ministerial Committee for developing a Draft Policy on Ageing

Dr. Sandra Reid

Director, CARIAD

Mrs. Shamin Renwick

President, Association of Caribbean University, Research and Institutional Libraries (ACURIL), 2003-2004

Dr. I. Sammy

President, Trinidad and Tobago Association of Emergency Physicians and Surgeons
Interim Chairman, Cardiac Life Support Training Group, Trinidad and Tobago Heart Foundation
Teacher, Advanced Cardiac Life Support Course (Heart and Stroke Foundation of Canada)
Teacher, Advanced Trauma Life Support Course (American College of Surgeons)
Teacher, Advanced Paediatric Life Support Course (Advanced Life Support Group, United Kingdom)

FACULTY OF SCIENCE AND AGRICULTURE**Dr. Anthony Achong**

Presenter, Computer Simulated Steelpan Tuning Scenarios", The 6th Conference of the Faculty of Pure and Applied Sciences, UWI, Mona, March 18-20, 2003

Dr. John Agard

Member, Editorial Advisory Board, Journal of Experimental Marine Biology & Ecology
Chairman, Environmental Management Authority of Trinidad and Tobago (EMA)
Member, Board of Directors of the Green Fund
Member, Planning Committee for University of Trinidad and Tobago

Dr. Hydar Ali

Moderator, Caribbean Examinations Council (CXC)
Imam, Phoenix Park and Claxton Bay Muslim Organization

Dr. Mary Alkins-Koo

Member, Board of Management, Asa Wright Nature Centre
Chairman, Education and Research committee, Asa Wright Nature Centre
Member, Land-Use Planning Committee, Asa Wright Nature Centre

Dr. Roger Andrews

Participant, Quantum Communication and Quantum Imaging Conference, San Diego, California

Dr. Gregor F. Barclay

Secretary, Association of Professional Scientists of Trinidad and Tobago
Director, Lovely Homes Limited

Dr. St. Clair Barker

Member, various National Agricultural Committees in Antigua

Dr. Margaret Bernard

Member, Information Technology Professional Society of Trinidad and Tobago

Dr. Balswaroop Bhatt

Reviewer, Zentralblatt für Mathematik, Germany
Member, Advisory Board of Colombian Journal of Mathematics, Senzena Universitaria

Dr. Valerie Bowrin

Secretary, Old Hilarians' Association
Member, Caribbean Association of Scientists

Ms. Candace Brathwaite

Member, Sub-Programme on Agribusiness Development of the CARICOM Regional Transformation Programme (RTP)
Member, Caribbean Agribusiness Marketing Intelligence & Development Network

Dr. Ivan Chang Yen

Member, Lead Phase Out
Trained secondary school science teachers for the Ministry of Education
University Representative, National Specifications Committee for Testing and Calibration Laboratories, Grade I
Head Judge, Prime Minister's Innovation and Invention Competition
Chairman, Trinidad & Tobago Bureau of Standards Committee on Labeling Standards for Household Cleaning Chemicals

Dr. Brian Cockburn

Reviewed research grant application on behalf of the Caribbean Health Research Council

Mrs. Yasmin Comeau

Member, Advisory Committee to the Minister of Legal Affairs for the Protection of Plant Varieties and Species, as governed by the Union for Protection of Varieties (UPOV) Convention
Member, Wildlife Committee of the Ministry of Agriculture, Land and Marine Resources Forestry Department, Wildlife Division
Vice Chairperson, UWI School Council
Member, National Biosystematics Committee, Research Division of the Ministry of Agriculture, Lands and Marine Resources
Member, Herbal Sub-Committee, Drug Advisory Committee of the Chemistry, Food and Drug Division, Ministry of Health
Member, CARAPA Conference Planning Committee entitled "Advancing Caribbean Herbs in the 21st Century"

Dr. David Dolly

Member, Board of Governors, Trinidad and Tobago Hospitality Institute, Tobago Campus
Member, Association for International Agricultural and Extension Education (IAEE)
Member, Association of Professional Agricultural Scientists of Trinidad and Tobago (APASTT)
Resource Person, Morvant/Laventille Youth Agricultural Network (MYLAN)

Prof. Edward J. Farrell

Chairman, Examinations Committee of the Trinidad and Tobago Mathematics Olympiad (TTMO)
Reviewer, Mathematics Reviews
Referee, International Journals in Discrete Mathematics

Dr. Judith Gobin

Member, Land Survey Board of Trinidad and Tobago (Cabinet appointment), 2001-2003
Commissioner (Environmental Specialist), The Environmental Commission of Trinidad and Tobago (Presidential appointment), 2001-2003

Mrs. Isabella Granderson

Member, Trinidad and Tobago Association of Nutritionists and Dieticians
Member, American Dietetic Association
Member, American Overseas Dietetic Association
Member, Holy Saviour's Parish Outreach Programme

Dr. Lincoln Hall

Member, Lead Phase Out Committee, Ministry of Public Utilities and the Environment

Dr. Sirin Haque-Copilah

Facilitated viewing of Mars via NIHERST telescope
President, Caribbean Institute of Astronomy (CARINA)
Special Advisor, Society for Physics Advancement, Research and Collaboration (SPARC)
Reviewer, Observatory magazine (refereed journal), UK
Visited schools: UWI School, April 3, 2003; ASJA boys San Fernando, Jan 27, 2003
Did collaborative work with State University of New York (SUNY) on science popularization
Presenter, Caribbean Youth Science Forum, August 4, 2003

Mr. Michael Hosein

Assistant Chief Examiner, Caribbean Advanced Proficiency Examinations (CAPE) in Computer Science

Mrs. Sharon D. Hutchinson

Member, American Agricultural Economics Association (AAEA)
Member, Caribbean Agro Economic Society (CAES)
Member, Gulf and Caribbean Fisheries Institute (GCFI)

Dr. Noel Kalicharan

Chairman, Human Resources Working Group, commissioned by the Prime Minister to formulate a National Information and Communications Technology Plan
Chairman, Examination and Education committee, Trinidad & Tobago Olympiad in Informatics
Delegation leader, International Olympiad in Informatics, Wisconsin, USA

Dr. Ayub Khan

Gave advice/technical assistance given to British High Commissioner, Peter Harbonne, on the management of leaf cutting ants (*Acromyrmex* spp.), 2002
Judge, Horticultural Society of Trinidad and Tobago Annual Flower Show, Port of Spain, Trinidad, August 2-4, 2002

Dr. Anderson R. Maxwell

Moderator, Cambridge Examination Council Examinations in Chemistry

Dr. Permanand Mohan

Chief Examiner, Caribbean Advanced Proficiency Examinations (CAPE) in Computer Science

Prof. Baldwin S. Mootoo

Member, Board of National Institute of Higher Education and Research in Science and Technology (NIHERST)
Chairman, Science and Technology Sub-committee
Member, Committee on Science and Technology Policy (Government appointment)

Prof. Dyer Narinesingh

Member, Board of Directors, CARIRI
Chairman, Advisory Committee, National Science Centre
Chairman, Environmental Management Authority
Deputy Dean, Faculty of Science and Agriculture
Examiner, Caribbean Examination Council

Dr. Carlisle A. Pemberton

President, Caribbean Agro Economic Society (CAES)
President Elect, The Latin American and Caribbean Agricultural Economics Association (ALACEA)
Chairman, Cocoa and Coffee Industry Board of Trinidad and Tobago

Dr. Dawn Phillip

Sub-Project Leader and Aquatic Ecologist, Environmental baseline study for seismic surveying of the Western Extension of the Central Block: aquatic fauna and amphibians (Sub-contractor with Petrotrin)
Sub-Project Leader and Aquatic Ecologist, Environmental baseline study for seismic surveying of the Penal, Barrackpore and Wilson Fields: aquatic fauna and amphibians (Sub-contractor with Petrotrin)
Sub-Project Leader and Fisheries Ecologist, Survey of the fisheries resources and fishing activities associated with Trinmar's offshore Soldado Fields; Baseline assessment for the development of a monitoring plan for Trinmar's Soldado Fields (Subcontractor with EPAS Consultants Ltd.)
Advisory services provided to Community Based Organisations: Greenplains of Felicity; BEAT of Blanchisseuse, regarding the analysis of data on sea moss use collected in a house-to-house survey
Proposal development services provided to Stakeholders Against Destruction (SAD) for Toco
Member, RiverLine

Ms. Sarojini Ragbir

Assigned to collaborate with the Ministry of Trade and Industry and Consumer Affairs in Monitoring Consumer Issues in the Agricultural Sector

Dr. Karim Rahaman

Member, the Organizing Committee, International Conference for the Caribbean Congress of Fluid Dynamics (CACOFD)
Executive Committee Member, Treasurer, the Caribbean Congress of Fluid Dynamics

Prof. Harold Ramkissoon

Honorary Member, Trinidad and Tobago Institute of Technology
Executive Secretary, CARISCIENCE
Reviewer, Zentralblatt für Mathematik and Mathematical Reviews
Referee for two Journals
President, Caribbean Scientific Union

Dr. Indar W. Ramnarine

Vice-Chairman, Fisheries Society of Trinidad
 Member, Fisheries Monitoring and Advisory Committee of the MALMR
 Member, Fisheries Environmental Sub-committee of the MALMR
 Conducted aquaculture training sessions for Ministry personnel in Trinidad and Tobago, June – July 2003 (Organized by the Fisheries Division, MFPMR)
 UWI Representative, National Wetlands Committee
 UWI Representative, Caroni Swamp Management Committee

Dr. Adash Ramsbhag

Director, Microbial Biotechnology, St. Augustine, UNESCO's Microbial Resources Network

Dr. Lloyd B. Rankine

Chairman, Cabinet Appointed Working Committee for the Implementation of the New Payment System for Sugar Cane in Trinidad and Tobago
 Vice Chairman/Director, Management Committee, Caribbean Network for Integrated Rural Development
 Alternate Member, REDCAPA (FA) Network for Training Institutions and the Caribbean

Ms. Cynthia Rennie

Involved with Employee Assistance – Nutrition Counseling with UWI Staff
 Convener, CAPE Panel for the Development of Home Economics Syllabus (Caribbean Examinations Council)
 Member, Council for Professions Related to Medicine (Registration of Professionals)
 Facilitated training (Nutrition component) in the community-based parenting programme "Creative Parenting for the New Era".
 Facilitator, National Breastfeeding Policy Workshop (for the Ministry of Health)

Prof. Ramsey Saunders

Chairman, Board of Governors, Institute of Marine Affairs
 Chairman, Scholarships and Awards Committee, UWI, St. Augustine Campus
 Chairman, Subcommittee, Caribbean Meteorological Council
 Attended the Coordinators meeting for the OAS Water Purification Project (Chile) in August 2003
 Member, Board of Directors, CARIRI
 Member, Board of Governors, NIHERST
 Visiting Professor/Fellow, Physiologisches, Institut Freie Universitat Berlin Germany, March, May 28, 2003

Dr. Ewan B. Scott

Executive Member, Caribbean Agro-Economic Society (CAES)

Dr. Ranjit H. Singh

Director of Publications, Caribbean Agro Economic Society (CAES)
 Member, REDCAPA (FA) Network for Training Institutions and the Caribbean
 Member, Board of Governors of NIHERST

Dr. Grace Sirju-Charran

Environmental Officer representing the UWI, Environmental Management Authority

Dr. Christopher K. Starr

Archivist, International Union for the Study of Social Insects (IUSSI)
 Secretary, Bolivarian Section of IUSSI
 Public Relations Officer, Caribbean Academy of Sciences

Dr. Aldwyn Tang Kai

Presenter, 9th International Symposium on Renewable Energy, June 2003

Dr. Pathmanathan Umaharan

Member, National Committee on Plant Variety Protection (UPOV)
 Member, Cabinet appointed committee to develop a National Policy and Regulatory Framework on Biosafety as related to Genetically Modified Organisms
 Member, Biosafety Risk Assessment Committee
 Member, National PROCICARIBE Steering Committee
 UWI Representative, Regional Germplasm Network 'CAPGERNET' Working Committee

FACULTY OF SOCIAL SCIENCES**Mr. Surendra Arjoon**

Vice President, Trinidad and Tobago Economics Association

Mr. Roland Baptiste

Chairman, Water & Sewerage Authority of Trinidad and Tobago

Dr. Ann Marie Bissessar

Advisor to the Education Broadcasting Unit, Ministry of Education 2003

Dr. Innette Cambridge

Editor, Newsletter of the Association of Caribbean Social Work Educators (ACSWE NEWS). This newsletter is now available on the Internet
 Member, Executive Committee of the Association of Social Work Education (ACSWE)
 Member, Responses Group for People and the Northern Range organised by the Cropper Foundation, 2003-present

Prof. Ramesh Deosaran

Independent Senator, Parliament of Trinidad & Tobago
 Advisor, Government of St. Lucia's National Crime Commission, January, 2001-present
 Advisor, CARICOM Regional Task Force on Crime and Security, September, 2001-present
 Vice Chairman and Advisor, Caribbean Task Force on Community Policing established by the Association of Caribbean Commissioners of Police (ACCP), Barbados, October 2001-present
 Member, Government of Trinidad & Tobago's Cabinet-appointed Committee on Crime Reduction and Crime Prevention
 Member, Panel of Experts, National Action Committee for the Enhancement of the Public Health System of Trinidad and Tobago
 Member, Joint Select Committee of Parliament on the Police Service Reform Bill
 Chairman, Joint Select Committee of Parliament on Municipal Corporations and Service Commissions
 Independent Senator by His Excellency the President, Republic of Trinidad and Tobago to the Eighth Parliament of the Republic of Trinidad and Tobago
 Chairman, UWI St. Augustine Campus Committee to Advise the Cabinet-Appointed National Task Force on Prison Reform

Dr. Hamid Ghany

Sunday columnist, "Sunday Guardian" newspaper
 Researcher, Commonwealth Parliamentary Association, London, United Kingdom for Parliamentary Studies Research Project entitled "Parliament: What the Public Thinks", September 2001 – July 2003

Dr. Lester Henry

Assistant Secretary, Trinidad and Tobago Economics Association

Dr. Jennifer Holder-Dolly

Board Member, CHILDLINE, and Trinidad & Tobago Coalition Against Domestic violence

Dr. Roger Hosein

Committee Member, Labour Market Council, Ministry of Science, Technology and Tertiary Education
 President, Vision 2020 (an NGO)
 Appointed by the Principal of UWI, St. Augustine Campus to assist in the compilation of a working paper on Caricom Integration and the necessary steps for Regional Integration

Dr. Althea Dianne La Foucade

Advisor, Ministry of Health team during World Bank mission to Commonwealth of Dominica re Situation and Response Analysis; and development and costing of a National Strategic Plan for HIV/AIDS (January 2002 – ongoing)
 Team member, charged with production of the National HIV/AIDS Strategic Plan for Trinidad and Tobago and the corresponding Implementation Plan, May 2002 – November 2003
 Council Member, Essential National Health Research (ENHR)
 Council Member, Scientific Council, International Society for Equity in Health (ISEqH)
 Member, Council on Health Research For Development (COHRED)
 Member, International Health Economics Association (IHEA)
 Member, Inter-American Network for Health Economics and Financing (REDEFES)

Dr. Adele Jones

Member, ECLAC working group for the development of a Caribbean research agenda for addressing gender-based violence

Ms. Christine Laptiste

Assisted the Governments of Dominica, Trinidad & Tobago and St. Vincent and the Grenadines with the Costing of National Strategic Plans for an expanded response to HIV/AIDS

Dr. Dhanayshar Mahabir

Independent Director, Trinidad and Tobago Stock Exchange, May 22nd, 2002
 Independent Evaluator, Servol's ADP programme, which involved several visits to the Servol, Beetham Center and the submission of a report
 Regional Contributor, "Today's Money" Power 106, Kingston, Jamaica, Barbados and Trinidad & Tobago (over 25 appearances)

Dr. Nasser Mustapha

Chief Examiner and Subject Panel Member, CAPE Sociology, Caribbean Examinations Council (CXC)

Mr. Moolchan Raghunandan

Member, National Training Committee, Ministry of Education
 Member, National Committee on Caribbean Examinations Council (CXC)

Mr. Errol A. Simms

Director, UWI Institute of Business, St. Augustine
External Examiner, Institute of Banking and Finance of Trinidad and Tobago
Member, Board of Directors, Trinidad and Tobago Hospitality and Tourism Institute
Member, Academic Council of the Trinidad and Tobago Hospitality and Tourism Institute
Member, Steering Committee for the M.Sc. Project Management jointly offered by the Faculty of Engineering, the Institute of Business and the Faculty of Social Sciences
Member, Evaluation Team for the Barbados Initiative of Management and Production: the Management Institute for Natural Development (MIND), Jamaica; the Cipriani Labour College of Trinidad and Tobago, and the Institute of Banking and Finance of Trinidad and Tobago

Dr. Bishnu Ragoonath

Member, Research Advisory Group of the Commonwealth Local Government Forum, 2000-2005
Technical Advisor, Caribbean Association of Local Government Authorities (CALGA), 1992-present
Technical Advisor, Trinidad and Tobago Association of Local Government Authorities, 1992-present

Dr. Rajendra Ramlogan

Performed pro bono legal work for the NGO, Fishermen and Friends of the Sea

Prof. Karl Theodore

Team member, Ministry of Finance's World Bank Mission on Financial and Procurement Assessment, January 2003
Member, Multi-sectoral Task Force for Vision 2020
Ministry of Planning and Development

Dr. Kathleen Valtonen

UWI St. Augustine representative, Ministerial Steering Committee to coordinate implementation of the National Week of Social Harmony 2003
Member, Panel on the 'Economic, Social and Cultural Rights of persons with disabilities' at the Expert Group Meeting on the "Comprehensive and integral international convention to promote and protect the rights and dignity of persons with disabilities". Convened by UNECLAC, Port of Spain, June 10, 2003

Dr. Patrick Watson

Director, Central Bank of Trinidad and Tobago, till March 2003
Deputy Chairman, Regulated Industries Commission of Trinidad and Tobago
Chairman, North West Regional Health Authority

DISTANCE EDUCATION CENTRE**Dr. Olabisi Kuboni**

Campus Coordinator and Co-facilitator, Workshop with Ms. Jennifer O'Rourke on tutor training, jointly organized by the Commonwealth of Learning (COL) and CXC, for teaching staff of community colleges of Jamaica June 24-26, 2003

Dr. Kuboni

Deputy Chairman, Board of Governors, Cipriani College of Labour and Cooperative Studies
Member of Curriculum Advisory Sub-Committee, Human Resource Development Committee of the EU-funded CAREC project "Strengthening of Medical Laboratory Services in the Caribbean"
Member, Constitutional Reform Forum (CRF), Trinidad and Tobago

Sport & Physical Education Centre**Dr. Iva Gloudon**

Member, School Textbook Committee, Ministry of Education
Chairperson, International Alliance for Human Advancement
Member, Sport Management Committee of the Commonwealth Sport Development Programme
Member, Board of Management of Beacon
Member, World Cup 2007 Cricket Bid Committee

UWI LIBRARIES**Mr. Reginald Clarke**

Member, Caribbean Association of Law Librarians (CARALL)
Member, Caribbean Publishers Network (CAPNET)

Ms. Linda Claudia de Four

Member, ACURIL XXXIV Conference Programme Committee, 2002-2004
Chairperson, ACURIL 2004 Public Relations Committee
Vice President, Library Association of Trinidad and Tobago
Member, Synod Process Team, Archdiocese of Port of Spain. Facilitator in Strategic Planning and Change Management (Vicariate Level)
Organized and catalogued the library collection of the Fils de Marie Immaculee (FMI) Congregation, San Juan Trinidad and Tobago

Mrs. Allison Dolland

Library Representative, UWI Open Days Committee 2002
Co-ordinator, Campus Libraries Student Open Days 2002

Ms. Hannah Francis

Library Representative, Editorial Committee, Centre for Gender and Development Studies

Mrs. Ernesta Greenidge

President, Library Association of Trinidad and Tobago (LATT)
Associate Editor, Journal of the Caribbean Veterinary Medical Association

Mrs. Kathleen Helenese-Paul

Member, Research Days Campus Libraries Committee
Member, University Planning Committee UWI Open Days 2001/2002

Ms. Sharida Hosein

Member, U.W.I. St. Augustine Research Days 2003
Editorial Committee

Mr. Yacoub Hosein

Library Representative on Central Planning Committee for UWI Research Days 2003
Chairman, Campus Libraries Sub-Committee, Research Day Steering Committee 2003

Ms. Jennifer Joseph

Member, ACURIL XXXIV Conference Protocol Committee
Member, Library Association of Trinidad & Tobago (LATT) Finance Standing Committee.
Library Representative, Editorial Committee, Centre for Gender and Development Studies
Library Representative, ATSS Campus Appointments Committee
Member of the (Regional) Council of the Methodist Church in the Caribbean and the Americas
Enrolled in Year 2 of the Institute of Business
Postgraduate Diploma in Human Resource Management

Ms. Elmelinda Lara

Conference Co-ordinator for the ACURIL XXXIV Conference to be held in Trinidad in May 2004
Member, Standing Committee of the Document Delivery and Interlending Section of the International Federation of Library Associations (IFLA)

Ms. Marilyn Lewis

Secretary, West Indies Group of University Teachers (WIGUT)

Ms. Stella Sandy

Chairperson, ACURIL 2004, Secretariat Committee

Mrs. Shamin Renwick

President, Association of Caribbean University, Institutional and Research Libraries (ACURIL) 2003-2004
Chairman - Information Technology Special Interest Group

Dr. Margaret Rouse-Jones

Member of the Regional Committee for Latin America and the Caribbean of the UNESCO Memory of the World Programme
Member of Selection Committee, Fulbright Postgraduate Scholarship Programme.
Member, Naming of Buildings Committee

Mr. Gerard Rogers

Executive member, LATT 2002-2003 (Liaison Officer)
Library Representative, Campus Security Committee
Member, Information Literacy Working Group

Dr. Glenroy R. Taitt

Representative of Senior Administrative Staff on the University Council for 2002/2003
Enrolled in Masters in Library Studies (MLS) Programme in the Department of Library and Information Studies (DLIS) at U.W.I., Mona

CENTRE FOR CREATIVE AND FESTIVAL ARTS**Mr. Kenwyn Crichlow**

Convenor, CAPE Art and Design Syllabus Committee, Barbados
External Examiner, Edna Manley School of Visual Arts, Jamaica and
Burrowes School of Arts, Guyana
Consultant, Blanchisseuse Community Arts Environment Project (BEAT)
Designed and installed Historical Exhibition: "Evolution of Desperadoes Steel Orchestra at pan yard in Laventille"
Judge, Berger Schools' Painting Competition

Mr. Rawle Gibbons

Chief Examiner in Theatre Arts, CXC, Barbados
Co-ordinator, Cultural evening: VIII Congreso de la SOLAR 2002, Learning Resource Centre, UWI, October 11, 2002
Adjudicator, Barbados Independence Festival of Creative Arts, Nov. 1-9, 2002
Presenter, Belize International Dance Festival, Nov. 16-20, 2002

Dr. Ann M. Osbourne

Assessor, CXC Music Examination, May 2003
Chairperson/Organiser, 7th Regional Conference of the Association of Caribbean Music Educators, July 21-23, 2003

Mr. Satanand Sharma

Co-ordinator, Republic Bank Pan Minors, July 2003
 Trinidad and Tobago Representative, Association of Caribbean Music Educators (ACME), July 2003.
 Co-producer, Revised Graded Examinations in Solo Steelpan Performance - Grades 1-7 (Tenor) and Grades 1-6 (Double Second).
 Responsible for handling the selection, adaptation and computer notation of all musical selections used in these booklets

CENTRE FOR GENDER AND DEVELOPMENT STUDIES**Prof. Rhoda Reddock**

Member, Board of Trustees, Mount Hope Patients' Trust Fund
 Deputy Chair, NIHERST (until May 2003)
 Chair, Personnel Committee, NIHERST (until May 2003)
 Convenor, Gender Sub-Committee – Preparation of a Strategy for Tertiary Education in Trinidad & Tobago, Ministry of Science, Technology and Tertiary Education.
 Project Coordinator and Lead Consultant – Preparation of a National Gender Policy and Action Plan for the Republic of Trinidad & Tobago (NGPPTT)
 Member, Project Advisory Committee, CIDA-CARICOM Gender Equality Programme
 Contributing Editor/Editorial Advisory Board, Identities, WADABAGAI

Dr. Patricia Mohammed

Member, President's Committee On National Self-Discovery
 Contributing Editor, Feminist Review
 Member, Editorial Board – Global Networks, University of Warwick,
 Member, Small Axe Collective – Small Axe Journal, Indiana University Press
 First Advisor/Consultant – Preparation of the Cayman Islands National Gender Policy for Equity and Equality
 Senior technical Expert – Preparation of the NGPPTT.

SCHOOL OF CONTINUING STUDIES**Dr. Lennox Bernard**

Member, Advisory Committee on Education

Ms. Vilma Cropper

Member, National Council on Early Childhood Care and Education

SIR ARTHUR LEWIS INSTITUTE OF SOCIAL & ECONOMIC STUDIES**Prof. Selwyn Ryan**

Board Member, National Enterprise Ltd.

Dr. Godfrey St. Bernard

Member, Cabinet appointed Population Council of Trinidad & Tobago
 Member, Cabinet appointed Population Sub-Committee, Vision 2020 Task Force

Dr. Taimoon Stewart

Vice President, Competition Law and Policy FTAA Negotiating Group
 Expert Adviser, OECD Joint Global Forum on Trade and Competition in Preparation of the Cancun Ministerial Paris, May 15-16, 2003
 Conducted Workshop on Competition Issues in the Bahamas January 15, 2003
 Contributed to Work Programme on WTO Issues in the South Centre, Geneva March, April, 2002
 Member, International Advisory Committee of Experts Overseeing a Study of seven Commonwealth Countries

