

# UNIVERSITY *of* BELIZE



## ANNUAL REPORT 2009 - 2010



## University of Belize



### **Mission Statement**

The University of Belize is a national, autonomous and multi-location institution committed to excellence in higher education, research and service for national development. As a catalyst of change it provides relevant, affordable and accessible educational and training programs that address national needs based on principles of academic freedom, equity, transparency, merit and accountability.

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### **Vision Statement**

The University of Belize is dedicated to fostering Belize's development by producing graduates who are socially and ecologically responsible, analytical, self-confident, disciplined, ethical, entrepreneurial, and skilled communicators; and who are committed to using these skills and values for Belize's enrichment.

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*The logo for the 2010 theme uses cupped hands to symbolize UB's embracing of the world, Belize, and the UB Community.*

### **We Care**

*...the 2009-2010 theme to govern UB's approach to student life in all its outreach activities. We care about...*

- *our students*
- *our faculty and staff*
- *each other*
- *Belize's development*
- *the region & world*
- *our UB campus*
- *our personal growth*
- *our profession*
- *our multiculturalism*



# UNIVERSITY *of* BELIZE

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## Annual Report 2009 – 2010

### CONTENTS

SECTION I	<b>Foreword – Chairperson’s Overview</b>	<b>1</b>
	<b>President’s Overview</b>	<b>2</b>
	<b>Key Statistics</b>	<b>3</b>
SECTION II	<b>Provost’s Overview</b>	<b>4</b>
	Office of Quality Assurance	6
	Faculty Of Education And Arts	7
	Faculty Of Management And Social Sciences	9
	Faculty Of Nursing, Allied Health And Social Work	10
	Faculty Of Science And Technology	12
	Centres And Institutes	14
SECTION III	<b>Assistant Provost’s Overview</b>	<b>20</b>
	Admissions Office	21
	Registrar’s Office	22
	Office Of Student Affairs	24
	Library And Bookstore	26
	Recreation And Sports	27
SECTION IV	<b>Technical Assistance and Support</b>	<b>28</b>
	Human Resources	28
	Public Safety	29
	Office Of Public Information	30
	Office Of Physical Plant	31
SECTION V	<b>External Auditors’ Report</b>	<b>32</b>
	<b>Administrative Staff</b>	<b>38</b>
	<b>Board Of Trustees</b>	<b>39</b>



# 2009 - 2010 in Pictures

**2009 August:** 26 participants took part in a 16-hour course on Geographical Information Systems on August 12 and 13, hosted at UB's Jaguar Building. The course was run by the Environmental Systems Resource Institute (ESRI), with materials financed by the Sustainable Land Management Program managed by UNDP.



August

**September:** UB celebrated Independence Day with an entry into the official float competition. The entry, entitled "We Care — A Tribute to Mother Nature and Belize," came second in the "Best Educational Float" Category.



September

**October:** UB, in partnership with Belize Audubon Society, hosted the XIII Congress of the Mesoamerican Society for Biology and Conservation.



October

**November:** The Quality Assurance programme hosted the formal external evaluation of seven of its academic programs by CSUCA representatives.



November

**December:** On December 18, UB signed a Memorandum of Understanding with the Caribbean Regional Fisheries Mechanism (CRFM).



December

**2010 January:** Launch of the Environmental Research Institute (ERI) on January 28<sup>th</sup>, in collaboration with the Oceanic Society and the Deep Search Foundation.



January

**February:** UB's History and Anthropology program presented a three-day celebration/ exhibition of the Pan-Africanist Movement and its People at the Jaguar Auditorium, Belmopan campus, timed to coincide with Black History Month; as well as the bicentennial of Latin American Independence.



February

**March:** UB entered two canoes into the annual, gruelling 179-mile long Ruta Maya Canoe Race. The male Black Jaguars team did well, being placed 2nd in the Intramural category.



March

**April:** UB celebrated its fourth annual Earth Day on the Belmopan campus on April 22<sup>nd</sup>, with the theme "Promoting a green today for a greener tomorrow."



April

**May:** UB's Department of Student Affairs in collaboration with the Ministry of Health and Agriculture held its 5th Annual Wellness Fair on May 5, and recognized the UB Black Jaguars for their outstanding performance at the Central American University Games.



May

# Foreword

## Good Growth at Ten

Our National University continues to pursue its commitment towards excellence in higher education, research and service to our nation. At ten years old and with the generous support of our national and international partners, we continue to build on our rich history. Indeed, the University of Belize experienced tremendous growth and development during the most recently concluded year; from growth in student enrollment to growth and development in course offerings and research, UB is poised to remain Belize's premier institution of higher learning.

Today more students make UB their institution of choice for higher learning. Given the resulting spatial demands, we are compelled to maximize the use of our physical resources. For instance, enrollment at the Punta Gorda Campus has increased by as much as 64%. This is as a direct result of the University's efforts to increase accessibility to those populations which, historically, have had the lowest level of educational attainment. Enrollment has also increased in disciplines such as primary education and in other previously undersubscribed programmes. As UB has grown physically, it has been able to balance this with improvements to all aspects of the student experience.

There has been growth in UB's course offerings. A Bachelor of Science Degree in Spanish Education and a Certificate in Primary Education have been introduced, the latter being designed for blended, online delivery allowing improved access. UB gave new life to its agricultural programme at Central Farm via both curriculum and infrastructure overhaul. The research agenda gained momentum and faculties throughout the University were engaged in research for policy formulation on a range of national development issues. The work of the members of the Faculty of Nursing, Allied Health and Social Work is noteworthy in this regard as are their efforts to inform, engage and support the broader community through health fairs, educational sessions and conferences. The crowning achievement was the launch of the flagship Environmental Research Institute on January 28<sup>th</sup> 2010. This plants the seed for the University's stewardship in research for policy development on environmental issues and an avenue for students to become engaged in applied research.

As UB grows, we have taken stock of our progress and now have a better understanding of how we perform and fund our work. Formal evaluation of seven academic programs has been completed. The findings are encouraging but have underscored important areas for improvement that need to be prioritized in the upcoming year. While academic rigor was microscopically reviewed, so was financial accountability. Government commitment to UB is at its strongest, the financial contributions being higher than any other year. UB brought new discipline to its financial management and budgeting to ensure that spending is aligned with core academic priorities and efficiencies are achieved, in part, through collaborations.

Many of these achievements have been facilitated by the technical and financial support of generous partners – government, bilateral, private sector, NGOs, tertiary institutions and foundation partners who have given in no short measure to the advancement of our national university. Additionally, the achievements summarized in the Annual Report are a testament of the ingenuity and commitment of the faculty and staff across all our campuses. I would like to conclude by acknowledging their efforts, and those of my colleagues on the Board of Trustees.

As the University of Belize completes its first decade of existence, we are very proud that we provide relevant, affordable and accessible educational and training programs that address national needs based on principles of academic freedom, equity, transparency, merit and accountability. We look forward to the next decade and beyond with renewed energy and sense of purpose!



A handwritten signature in black ink, appearing to read 'Imani Morrison'.

Mrs. Imani Fairweather Morrison  
**Chairman of the Board of Trustees**

# Reflections

## Honouring our past, celebrating our present, planning our future



Corinth Morter-Lewis PhD, R. Psych  
**Acting President,  
President Emeritus**

Following the accomplishments of our national University for the year 2009-2010 and the highlights shared by the Chairman of the Board of Trustees in her “Good Growth” Foreword in this tenth Anniversary year, it is evident that, despite the effects of national political and economic developments brought on by a global economic downturn, the University of Belize has been able to remain focused.

One of the major achievements of this year has been the stellar work undertaken to finalize the *Strategic Plan 2011-2015*, an exercise mandated by the Board of Trustees and completed under the Presidency of Dr. Santos Mahung. It has been my privilege to ensure that the values highlighted remained uninterrupted during the transition I was tasked to facilitate. The plan provides a structured and clearly articulated approach to the future, based on a strong foundation – with the Department of Agriculture in the west, our three Campus sites in Belize City, our most southern campus in Punta Gorda, our expansive Central Campus in Belmopan, and our two offshore marine research facilities in the east and south, and the significant human resources available.

Our staff will require high levels of expertise, commitment and vision to achieve our strategic goals over the next five years, and meet the commitments articulated in our Mission and Vision. Our Administrators, Faculty and Staff will need to be engaged in endeavours that can and will be applied to building this country of Belize, and preparing our students as never before to become leaders of the future. Through our efforts to attract the very best students and ensure an environment in which they can give their best, we have provided educated citizens in a myriad of disciplines, serving both in Belize and abroad. In this year alone, our two cohorts of graduates in January 2010 and June 2010 numbered over 690. We saw an overall sustained 6% increase in student enrolment, and financial support from the Belize Government not only remained steady, but saw a modest increase.

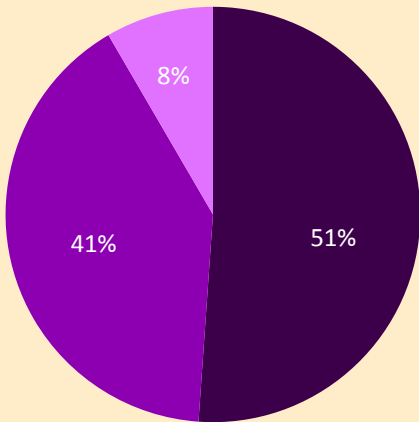
Whilst, in the near future, our students will need to be asked to pay a higher contribution to the costs of their education, we will ensure that this does not become a burdensome undertaking, as we must guard, fiercely, the principle that “*ability to think, not ability to pay*”, should be the guiding criterion in the composition of our student body. UB will succeed in this through the ever needed and ongoing support of our partners and stakeholders in education. We will succeed because of our shared values and common purpose, and we *must* succeed because it is our students who hold the keys to the future health and prosperity of our nation.

Mindful of the importance of making available the necessary expertise to implement the Plan, the Board, through the oversight of its sub-committees, has ensured that three critical areas - the leadership positions in Academics, Finance and Human Resource Management – have been staffed with those with the necessary expertise and experience. With the President as Chief Executive Officer, these officers have been assigned the task of providing strategic oversight for managing the affairs of UB. The demands from the Board of Trustees have been daunting and at times overwhelming for a new team, but the achievements of the year speak volumes. These leaders have risen to the challenge through securing the needed buy-in and support of the UB Community, from maintenance to management, and that of stakeholders at large. They and those who preceded them have all contributed to the milestones achieved in the past ten years. The work ahead is formidable, but what has been accomplished in this final year of this first decade, a year fraught with struggle and growing pains, are portents of greater achievements in the years to come.

## Key Statistics

(2009 – 2010)

### Students Enrolled

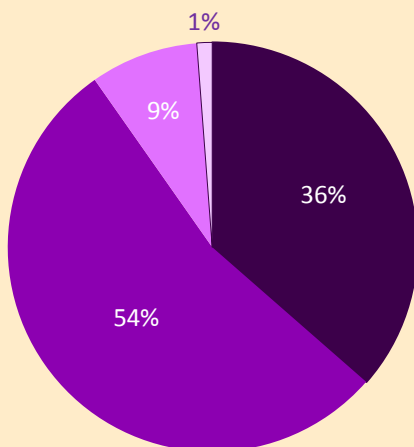


- Associate (1,911)
- Undergraduate (1,514)
- Others (Certificate & Diploma, no prog.) (314)

### Total Number of Students

# 3,739

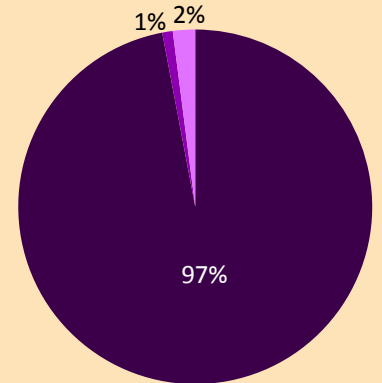
### Campus Enrolments



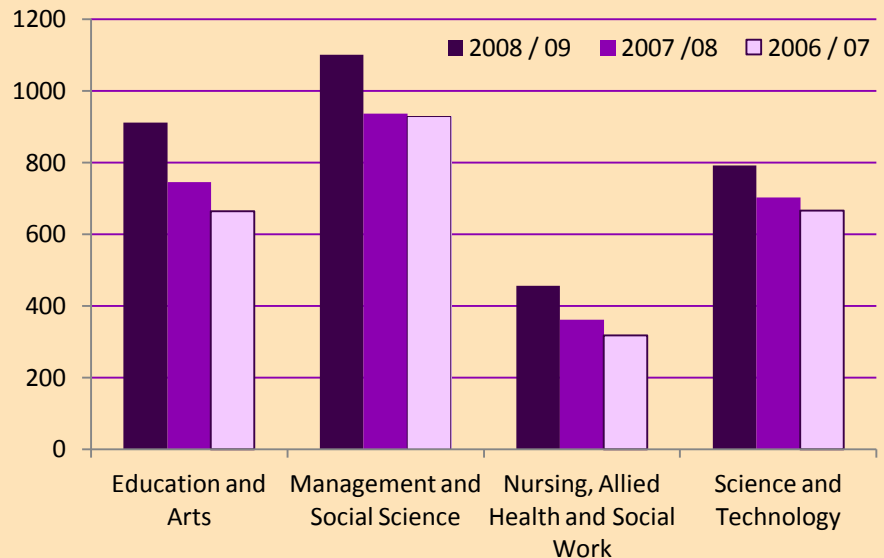
- Belize City
- Belmopan
- Punta Gorda
- Central Farm

In 2009 – 2010, the University of Belize provided educational and training programmes for a total of 3,739 students in four Faculties. Enrolment across the faculties has been steadily increasing over the last three years, particularly in the Faculties of **Management and Social Science** and **Education and Arts**. The majority (51%) of students were enrolled in Associate Degree courses, with a further 41% studying for Undergraduate Degrees.

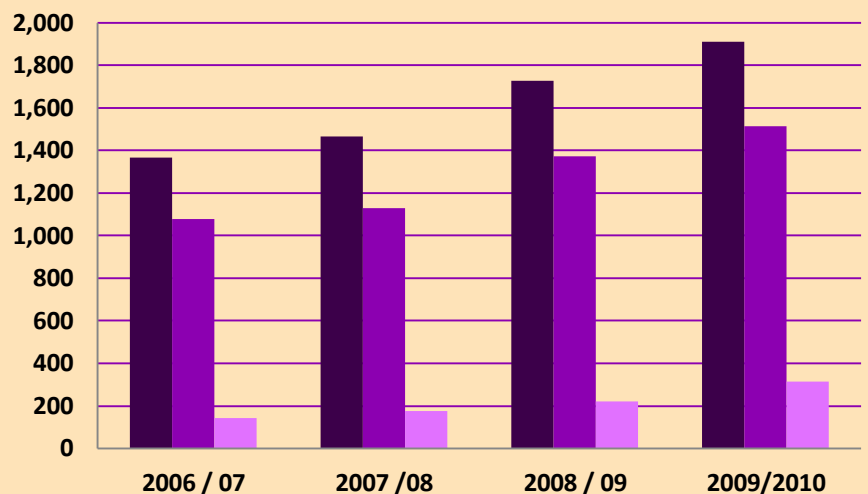
### Origin of UB Students



- Belize
- Other Central American countries
- Other



### Students per Faculty



- Associate
- Undergraduate
- Others (Certificate / Diploma)

### Number of Students Enrolled per Year

# Provost's Overview

The University of Belize is committed to providing relevant, affordable and accessible educational and training programs that address national needs



Dr. Angel Cal Ph.D.  
Interim Provost

*The Office of the Provost provides leadership for the four Faculties of Education and Arts, Management and Social Sciences, Nursing, Allied Health and Social Work and Science & Technology. Other areas under the stewardship of the Provost include the Central Farm Campus (CFC), the Toledo Campus, the Environmental Research Institute (ERI), and Quality Assurance (QA).*

**Teaching & Learning, Service and Research:** The Strategic Vision seeks to establish the University of Belize as the premier university in Belize; a university that is student-centred and responds to national needs and priorities of higher education. The University of Belize has commenced implementation of its Strategic Plan, entitled "**The Way Ahead - Transforming the University of Belize - UB Strategic Plan 2011 - 2015**". This plan has provided the roadmap guiding the development of programs categorized in four areas:

- **Achieving Academic Excellence**
- **Building an Inclusive Learner-Centred Network**
- **Contributing to National and Local Development**
- **Improving Governance and Management**

The first three areas form the pillars for the work of the Academic Division. Guided by UB's Strategic Plan, the Academic Division has realigned its partnerships with institutions in Belize and abroad to expand opportunities for our current students and graduates. This has been linked with our articulation efforts, research partnerships and projects, graduate assistantships, Program strengthening, diversifying Program offering platforms, and institutional plan coordination and implementation.

The Academic Division is committed to academic excellence, diversified academic opportunities and service for national development, and relevant research and innovations that contribute to the transformation of the University of Belize. The efforts of the Division are geared at enhancing teaching and learning, creating a learner-centred environment, and promoting academic quality and rigour while expanding educational opportunities.

UB's fifty academic programs continue to be delivered and evaluated with the supervision of academic deans, chairs and coordinators. The coordination of Program delivery is monitored by the Provost's Office and assessed with the participation of the academic administrators, through self evaluation and student evaluation of instruction. The Academic Division is intent on diversification of the program offerings and developing interdisciplinary programs, with the development of new bachelor degree Programs, approved by the Board, scheduled for implementation for the academic year 2010-11.

UB has also implemented the national curriculum developed by the Ministry of Education and Youth and has received European Union funding to implement a blended mode offering of this program to the Banana Belt Region. The MOE national education program is now being offered at non-UB sites in collaboration with tertiary level institutions.

UB's continues to promote research by awarding internal research grants to faculties on a competitive basis. The newly established Environmental Research Institute has spearheaded UB's efforts in research in



the field of natural resources, leading the development of a national environmental research agenda that will drive research in Belize and guide our partnership with research oriented institutions.

Quality assurance mechanisms have been instituted to provide standardized information clearly articulating program specifications to be delivered by the academic programs. The formal evaluation of seven academic programs has been completed, integrating an external evaluation component that utilized the expertise of Central American, Caribbean and Belizean experts. The quality enhancement plans developed for the seven programs have been based on the findings from the Program review. Additionally, ten programs are slated to commence the program review cycle for the academic year 2010-11. UB's QA mechanisms to achieve academic excellence include the completion of the syllabi for all courses, a revised course outline format, internship manuals, and the development of corresponding faculty professional development series.

### **Partnerships**

*As UB continues with the implementation of its strategic vision, new partnerships will be forged to continue the development of Belize's national university.*

UB continues to strengthen its relationship with other members of the Association of Tertiary Level Institutions (ATLIB), seeking innovative ways to develop and strengthen relationships with individual junior colleges towards building collaborative efforts to offer programs in their respective districts thereby improving access to UB. It has partnered with individual ATLIB institutions, offering programs utilizing partner infrastructure to promote capacity building in areas such as research and library resources. This is evidenced by our current and proposed Program offerings in Orange Walk, Stann Creek, Corozal and San Pedro.

UB's leadership role in the ATLIB National Articulation Framework Committee is aimed at developing short, medium and long term visions coupled with concrete steps for improving the articulation and mobility of tertiary level students to provide a smooth transition

within ATLIB institutions and UB. It is also focused on strengthening Programs offered by ATLIB, supporting the improvement of academic quality with our ATLIB partners by providing assistance in the development of academic quality assurance mechanisms, improving of governance structures, strategic plans and pursuit of bilateral agreements.

*UB continues to focus on strengthening existing relationships and establishing new ones with the purpose of expanding educational opportunities for our students and graduates*

Our regional partners include consortiums such as the Consortium for Belizean Educational Cooperation (COBEC) and the Consejo Superior Universitario de Centro America (CSUCA). COBEC continues to be our largest partner focused on creating educational opportunities for UB students and graduates. Our COBEC partners have mobilized to improve access for Belize students to graduate programs by identifying graduate assistantships, developing program offerings, providing continuing education, assisting in the formulation of UB's strategic direction and implementing bilateral projects.

Our CSUCA partners have provided invaluable support in the evaluation of our academic programs with field experts visiting UB to support the program reviews completed during this academic year. UB has benefitted from CSUCA's successful securing of funding for regional projects such as institutional capacity building, scholarships in Taiwan and Mexico, the development of the Central American Accreditation Council and the Central American Research Council. Bilateral agreements have been established with Mexican educational institutions such as the Universidad de Quintanaroo and Instituto Politecnico Nacional through the initiative of the Embassy of Mexico in Belize to promote capacity building in areas such as Research and library resources.



**Black Orchid  
National Flower of  
Belize**

***"Education is a journey, and the UB team is committed to ensuring that students achieve their destination, enjoy themselves, and learn more about their world along the way"***

**Santos Mahung, President**

# Office of Quality Assurance

***In the next five years, the Quality Assurance Office will work methodically and systematically to plan the structures, mechanisms, systems and interventions needed to prepare UB first for institutional and subsequently for academic program accreditation premised regional and extra-regional standards.***

The Office of Quality Assurance (UBQ) aims to improve institutional capacity to deliver on the academic mission and vision of the University, consistent with national and international standards of quality in higher education. UBQ focuses primarily on the quality of its graduates, ensuring they have the knowledge, competencies and values to become productive citizens of the world. Keen attention is paid to the efficient use of human and other resources to promote the teaching/learning, service and research functions of the institution. To achieve its mission, UBQ uses continuous planning, delivery and evaluation instruments to institutionalize a culture of quality. The office works with a representative cross section of the University community in consultation with its stakeholders to formulate, monitor and evaluate internal standards of quality premised on national, regional and extra-regional benchmarks.

Standards of excellence have been developed for UB's academic Programs, for course syllabi and for course outlines, following extensive discussion among UB's internal stakeholders and to some extent with UB's external stakeholders. UB's protocol for the evaluation of academic programs is likely to become a model for some junior colleges.

The QA office has developed guidelines with embedded standards of quality for UB's General Education Core curriculum, for UB's proposed Tenure and Promotion System, and for Student Evaluation of Instruction.

Seven academic programs in Biology, Education, Medical Laboratory Technology, Pharmacy and Tourism Management completed UB's first formal

cycle of academic program evaluations based on its Program Specifications and Program Review protocol, incorporating a set of developed standards, and the use of stakeholders as evaluators.

The QA Office hosted external peer academic program reviewers from Belize, Jamaica, Bahamas, Trinidad & Tobago, Panama, Costa Rica and Nicaragua, who participated in the various reviews during the second semester of the academic year.

Based on recommendations received from both the internal self study reports and the EPRT reports, a short to long term Quality Enhancement Plan is being developed for each of the programs for implementation beginning January 2011. The QA Office is now embarking on a second cycle of reviews in 10-11

***The successful completion of the first cycle of academic program reviews in 09-10 is an academic milestone that is making an impact within UB and with our junior college partners.***

In June 2010 the QA hosted faculty members from all faculties to a general workshop on the format and guidelines to be used for constructing course outlines, using a standardized UB template. A workshop was also held for dissemination of information on the construction of UB syllabi following the standardized UB format and guidelines.

UB has taken the lead in quality assurance work in a manner in which not only the University and its students are beneficiaries, but also higher education as a whole in Belize. Quality Assurance work at national level, spearheaded by UB's QA office, included evaluating courses from six junior colleges that transfer students to UB's Bachelor degree programs. The ATLIB National Articulation Framework Committee is being reactivated and the work plan for 10-11 and 11-12 is being drafted for review with our ATLIB partners.

# Faculty of Education and Arts

## Mission

The Faculty of Education and Arts (FEA) is committed to excellence in teaching, research and service and to the development and implementation of programs for initial preparation and continuing professional development of teachers and other educational professionals, empowering them to act as catalysts of change in response to national needs.

The Faculty of Education and Arts consists of three departments:

- i) The Regional Language Centre (RLC)
- ii) Arts Department
- iii) Education Department

### Faculty & Staff

Wilma Wright  
Dean

Nestor Chan  
Chair

Deborah McMillan  
Director, RLC

Stanley Nicholas  
Director, PG Campus

Carlos Gago  
Coordinator, RLC

Nadine Tun  
Coordinator, Internships

Carlos Aragon  
Elma Arzu  
Marie Blanco  
Anthony Brown  
Priscilla Brown-Lopez  
Herman Byrd Ph.D.

Angel Cal Ph.D.  
Gabriel Cal  
Amado Chan  
Raul Clarke Ph.D.  
Rita Enriquez  
John Florez

Ubaldimir Guerra  
Rosemarie Modera



**Dr. Wilma Wright**  
Dean

In 2009 – 2010, the Faculty of Education and Arts collaborated with the Ministry of Education to increase the percentage of trained teacher in the education system. Through this collaboration, the FEA has introduced two new programs - the Certificate of Education and the Bachelor of Science degree in Spanish Education, with 175 in-service teachers starting in the first cohort.

To meet the needs of teachers on San Pedro enrolled in the Certificate of Education Program (Cert. Ed.), FEA implemented two hybrid courses, designed for blended, on-line delivery, reducing costs of delivery and allowing teachers to study at their own convenience. A small number of Cert. Ed. student teachers in Belize City have also enrolled in these courses. A second cohort of Cert. Ed. students was recruited for the Orange Walk, Belize, and Belmopan Districts, and a third cohort of students for the History program.

FEA also secured a grant of €625,000 from the European Union – a three year project for the improvement of quality education at the primary school level in the Banana Belt Communities in southern Belize, in collaboration with the Ministry of Education. The project is training a minimum of 60

**Steadfast in its continued commitment to provide optimum quality and relevant educational services guided by, and in accordance with, the principles of the University of Belize Strategic Plans, the Faculty of Education and Arts focused in 2009-2010 primarily on fulfilling its role as the leading teacher-training institution, and creating access to its programs countrywide.**

teachers at the Certificate of Primary Education level; 15 principals and local managers in basic leadership training; and providing training to preschool and elementary teachers in specialized areas such as Mathematics, Early Childhood, Reading and Science

The greatest number of applicants (211 students) was received for the Associate Degree in Primary Education, with 133 students accepted unconditionally and 47 accepted conditionally. A total of 31 students also applied for the new Bachelor's Degree in Spanish Education under the Spanish Unit, recently submitted to the Belize Board of Teacher Education (BBTE) and granted UB-FEA approval.

The FEA continued to provide opportunities for students to integrate theory with practice, with collaboration between the History Department, the Ministry of Foreign Affairs (MFA) and the National Institute of Culture (NICH), to develop a culture of research within the entire UB student population and the History Bachelor's Program in particular. A series of guest lectures were hosted on the Anglo-Guatemala dispute, led by prominent Belizean historians and lawyers such as David Gibson, Eamon Courtenay, and Assad Shoman, attended by a cross section of students and instructors from the UB community.

# Faculty of Education and Arts

## Regional Language Centre

**Mission:** The Regional Language Centre (RLC) provides quality, customized and accessible language Programs that enhance national, regional, and international integration

**Vision:** The transformation of the RLC as the linguistic bridge between Spanish-speaking Central America and the English-speaking Caribbean

### Faculty & Staff

(continued)

Gilroy Middleton  
Gillian Miller  
Ethnela Paulino  
Rose Tun Pineda  
Leonardo Pott  
Shawn Rhaburn  
Tracy Sangster  
Kevin Tucker  
Mathias Viarez  
Silvana Woods

*“...one of the most important goals of the Faculty of Education and Arts is to develop team spirit and foster leadership at all levels...”*

The **Education Department** offers one Associate Degree in Primary Education, at all three UB Campuses. Additionally, the Education Department offers five Baccalaureate programs:

- Primary Education
- English Education
- Business Education
- Biology Education
- Mathematics Education

The **Regional Language Centre** (RLC), established in 1995, facilitates economic and diplomatic integration and closer cooperation between countries of Central and Latin America and the Caribbean.

The current facilities, constructed in 2000, are located in the Belmopan, providing a peaceful environment conducive to learning, serving the region as the centre for second language acquisition. Approximately fifteen nationalities are represented among the students in each semester, promoting the opportunity for cultural exchange.

The RLC offers certificate Programs catering to international students wishing to pursue conversational skills in English (Intermediate or Advanced) or Spanish as a second language. The RLC also provides the University community with all necessary Spanish courses to satisfy respective program requirements and UB General Core Requirements.

In the academic year 2009-2010, RLC applied for and received the approval to become a TOEFL testing centre (Test of English as a Foreign Language), administered on-line, enabling students to sit iBT exams in Belize. The RLC labs, however, need significant improvement to meet the stipulated testing requirements.

For the academic year 2009-2010, the RLC received applications from 45 students from various countries including Mexico, Guatemala, Panama, Cuba, Colombia, Switzerland, China, and Taiwan, including 36 scholarship recipients and 9 private students. The ten months intensive language Program culminated with graduation ceremonies held on May 31, 2010 for 34 of the 36 scholarship recipients and 6 private students. RLC continues with the summer exchange Program between the University of Quintanaroo (UQROO) and the University of Belize (UB) from June 21 to July 16, 2010.



*“The Focus Is On Learning...”*

# Faculty of Management and Social Sciences

## Mission

The Faculty of Management and Social Sciences provides professional management training to its clients with the view of achieving excellence in teaching, service and research. Through a focused partnership with the private and public sectors, the faculty will provide quality education to assist in Belize's economic development.

*“There has never been a more exciting time to join this vibrant and dynamic faculty that continues to strive for excellence in business training”*

**Dean Fatai Akinkuolie**

The FMSS offers a Certificate in Para-Legal Studies from the Belize City Campus. Two Associate Degrees are also offered in Belize City:

- Business Science,
- Tourism Studies.

The former, Business Science, is also offered in Belmopan.

FMSS also offers four Bachelor Degrees:

- Accounting
- Public Sector Management
- Management
- Tourism Management

The Faculty of Management and Social Sciences (FMSS) fosters an intellectually stimulating environment that promotes high standards of teaching, service, and research. The Faculty prioritizes entrepreneurial thinking and skills development but also provides opportunities for close liaison with Belize's productive sector through student research, analysis and internships. The FMSS experienced a 15 % increase in 2009-2010 making it the fastest growing and the largest faculty in relation to student enrolment, income and number of credits. This spiralling achievements also registered the highest number of students graduating from the various programs within the University; students with the highest GPA in all certificate programs and Bachelor degrees.

This year the FMSS completed a comprehensive review of two of its programs: the Bachelor's degree in Tourism Management and Associate Degree in Tourism Studies.



*Tourism students assisting with the third International Conference on Responsible Tourism in October, 2009*

Over 80 students successfully completed their internship program over the two semesters. The FMSS has a high success rate in preparing its students for entrance to the job market. Approximately 85% of interns were offered permanent placements at their place of internship, including Accounting majors, all of whom were offered permanent placements.

The FMSS was active in the regional and international arena. Tourism major students and lecturers actively assisted the Ministry of Tourism in the organization and execution of the third International Conference on Responsible Tourism in October, 2009, hosted by UB. The FMSS Dean, along with other UB officials, participated in the Consortium for Belizean Educational Cooperation (COBEC) Conference in Belize City to discuss the potential for strengthening linkages with partner institutions, providing UB students with greater access to graduate opportunities.

Members of UB's Faculty of Management and Social Sciences (FMSS) led presentations at a regional workshop hosted by the Caribbean Regional Fisheries Mechanism (CRFM) entitled "Leadership Training Workshop for Heads of Fisheries Department/Divisions in CARICOM" held in April in Belize City. This capacity building workshop was designed to enhance the contribution of fisheries to socioeconomic development and achieve a better quality and standard of life for fisher folk and coastal communities, through sustainable development, management and conservation of the fisheries resources.

# Faculty of Nursing, Allied Health and Social Work

## Mission

The Faculty of Nursing, Allied Health and Social Work is committed to the development of competent and caring practitioners respectful of human rights and dignity, embracing a multi-disciplinary educational system that emphasizes leadership, professional standards, knowledge creation, dissemination and excellence.

The Faculty of Nursing, Allied Health & Social Work (FNAHSW) offered the following Bachelor's programs for the period 2009-2010:

- General Nursing
- Public Health Nursing
- Social Work

..and the following Associate Degrees:

- Pharmacy
- Medical Laboratory Technology
- Social Work

It also offered two certified courses:

- Practical Nursing
- Rural Health Nursing

***The Faculty of Nursing, Health Sciences and Social Work seeks to educate practitioners in all areas of specialty at the undergraduate, graduate and continuing education levels to meet the health care and social needs of the nation.***

The courses offered incorporate socio-cultural factors, scientific and technological advances, developmental strategies, knowledge creation and dissemination focused on producing culturally sensitive citizens committed to national development and social change.

This is promoted through a number of campus and community focused events. Nursing students have assisted Student Affairs in the Wellness fair on campus offering services such as health information, immunization, breast examination, PAP smears etc. They have also conducted community health fairs and health education sessions in high schools on topics such as nutrition and teenage pregnancy.

Medical Technician students have been instrumental in health fairs conducting blood glucose testing and blood drive on campus and community health fairs, and Social Work faculty and students have offered counselling services to UB students and wider community such as the Belize Central Prison.

***Students of the Pediatric Nursing Class visiting the Early Childhood Education Stimulation Centre***

The United Nations has declared 2010 as the Year Of The Nurse! To celebrate this, UB's 3<sup>rd</sup> Year Nursing students held a conference on current issues at UB's Jaguar Auditorium in May to provide a platform for practicing nurses and student nurses to share and communicate on ethical issues impacting the nursing profession in Belize and to promote nursing networking through education.

Members and students of the Faculty also participated in Child Stimulation Month in March - lecturer Isabel Bennett and a class of 23 practical nurses from the Pediatric Nursing Class visited UB's Early Childhood Education Stimulation Centre to develop an appreciation and understanding of the child as a holistic individual, observing the growth and development of the specific age group and understanding the importance of play when caring for a healthy or sick child.



# Faculty of Nursing, Allied Health and Social Work

## Faculty & Staff

Ismael Hoare Ph.D.  
Dean

Trudy Tillett  
Chair

Isidora Paquiul-Espadas  
Chair / Interim Dean

Isabel Bennett  
Starla Acosta-Bradley  
Eugene Echegi  
Yusuf Abubakar  
Gabriel Carrillo  
Cynthia Guild  
Lydia Harris-Thurton  
Thelda Jones  
Lily Gomez-Mahung  
Matthew Martinez  
Monica Martinez  
Theresa Membere  
Thelda Jones  
Nwanosike Udo  
Leolin Swift-Castillo  
Udensi K. Udensi

## Secretaries

Amadilia Martinez  
Martha Jonch  
Stephanie Thompson

The year saw the resignation of Dr. Ismael Hoare as Dean, to take up the role of University Provost. His place was filled by Isidora Paquiul-Espadas, who stands in as Interim Dean.

The Faculty has been actively involved in several national health initiatives. Mrs. Cynthia Guild has been instrumental in the formulation of National Eye Health Plan for Belize that was spearheaded by the Ministry of Health. Isidora Paquiul-Espadas has been involved in the formulation of a national strategic plan for the Human Resources in Health spearheaded by the Ministry of Health, as well as in the formulation of a plan for better management of grants by donor countries using Health as Tracer Sector.

Several faculty members have been able to participate in opportunities outside Belize. Mr. Alex Vega has been involved in the Development of a curriculum for HIV/AIDS training in Trinidad and Tobago. Two faculty members from the Nursing Department- Mrs. Leolin Castillo and Mrs. Lily Mahung have been involved as facilitators in a Field Epidemiology Training Program that is conducted by the Ministry of Health in conjunction with Centre for Disease Control (CDC) in Atlanta, Georgia. This program seeks to educate health professionals to better detect any disease outbreak in the country and to be able to effectively manage.

Conference. In addition, Mrs. Thurton has also spearheaded a feasibility survey regarding offering a Bachelor degree in Pharmacy.

UB has partnered with the Institute of Nutrition of Central America and Panama (INCAP) in a research project entitled "Centre of Excellence for Strengthening Research Capacity on Prevention & Control of Cardiovascular Diseases in Central America, Dominica Republic & Mexico, 2009-2014," to strengthen the research capabilities of academic institutions in INCAP member countries, in the field of prevention and control of nutrition-related chronic diseases. President Santos Mahung has signed a memorandum of understanding in July for collaboration between both parties. This project will offer research training and also the opportunity to interact with scientists from the Region and the United States. Lily Mahung from the Department of Nursing is the focal point of contact for UB.

The Nursing Department continues to collaborate with Viterbo University in Wisconsin, with a group of nursing students visiting Belize in April for three weeks to gain community nursing experience.

Faculty members play an ongoing role in contributing to their professional associations - the Nursing Association, Pharmacy Association, and the Mental Health Association.

In an effort towards continuous quality improvement of programs, various initiatives have been conducted. The Associate Degree Programs in Medical Laboratory Technology and Pharmacy have both completed external reviews in preparation for the formulation of a quality enhancement plan in the new academic year 2010, with the financial assistance of the Pan American Health Organization (PAHO).



*Students and staff  
celebrate 2010 - the Year  
of the Nurse*

Two surveys have been conducted by Mrs. Lydia Thurton: "The Importance of Pharmacy Laws" and "Recognition of the Pharmacist as member of the Health Care Team." The results of both surveys have been presented at the Annual Pharmacist

# Faculty of Science and Technology

## Mission

The Faculty of Science and Technology provides relevant and accessible accredited programs through quality instruction, research, and service. The Faculty is oriented to address scientific, technological and environmental needs that will contribute towards national development by producing critical thinking, confident, entrepreneurial lifelong learners.

**The Faculty of Science and Technology has four departments:**

### Department of Science

Associate Degrees

- Biology
- Chemistry
- Marine Science
- Mathematics
- Physics
- Natural Resource Management

Bachelor's Degrees

- Biology
- Mathematics
- Natural Resource Management

### Department of Information Technology

Associate / Bachelor's Degrees

- Information Technology

### Department of Agriculture

Associate Degree

- Agriculture

### Department of Engineering

Associate Degrees

- Architecture
- Civil Engineering'
- Mechanical and Electrical Engineering

*The Faculty of Science and Technology seeks to achieve academic excellence through teaching, research and service, producing a productive and skilled workforce.*

The Faculty is graduating students from the Engineering, Information technology, Agriculture and various Science Programs that contribute to the development of the country. As well as a range of Associate and Bachelor Programs, it also seeks to provide more opportunities for its students, and to fill gaps identified by employers. UB and University of Technology (UTECH) of Jamaica are in discussions over an articulation agreement to assist Engineering students in moving into their Programs at BSc level, and have identified the steps forward.

An Advisory Council has also been constituted for the Engineering Department, focused on a proposal to develop a certificate/diploma program in engineering, as requested by BEL.

A number of visiting academics have provided input into several of the courses: Mr. Chad Schkenburger from Colorado taught a number of the Natural Resource Management (NRM) courses until May 2010, and Professor Jack Hall from the University of North Carolina Wilmington (UNCW) taught one NRM modular course for three weeks. Dr. Naikoa Aguilar-Amuchastegui, also from UNCW gave a one week GIS Workshop to Science Department faculty.

Engineering, IT and NRM students participated in student internships in various organizations/NGOs around the country, and three faculty and staff members participated in the course

“An Introduction to Using a Herbarium” offered by ERI in collaboration with Darwin Initiative and Royal Botanic Garden Edinburgh.





# Faculty of Science and Technology

## Faculty & Staff

Thippichetty Thiagarajan Ph.D.  
Dean

Douglas Morrison  
Chair

Julianne Pasos  
Chair

Tamas Lengyel Ph.D.,  
Chair

Amanda Acosta  
Y. Atar-Peled

Carol August  
Keith Brauss

Enrique Caliz  
Filomeno Canto

Pedro Carrillo  
Ruel Cima

Allison Crawford  
Antonio Crespo

Dion Daniels Ph.D.  
Augustine Domingo

Shirlene Enriquez  
Beverly Faber

Lyndon Flowers  
Eden Garcia

Carlos Itza  
R Sheng Ju

Kenneth Kapinski  
Elma Kay Ph.D.

Aaron Lewis Ph.D.  
Karen Link

Joaquin Magana  
Charles McSweeney

Emilio Montero  
Menakath Menon Ph.D.

Philip Morgan Ph.D.  
Freida Palma

Fred Perez  
Leopold Perriott Ph.D.

Farshad Rabbani  
Andres Ramirez

Ridhma Requena  
Leandra Ricketts Ph.D.

Anthony Rosado  
Pio Saqui, Ph.D.

Yiheli Tesfu,  
Latha Thomas

Joaquin Urbina Ph.D.  
Jair Valladarez,

Arlen Vanzie  
Steve Wright

Adelia Young

The Faculty of Science and Technology participated in a number of international and national workshops, training and other initiatives including the First Caribbean Reef Education Training Initiative (CREATIVE) training in Tobago and the CSUCA Coral Reef project with the creation of the ART database. Staff members participated in the CCAD/IUCN Finalization Workshop, held in Belize, and represented Belize on the MARFUND Board Meeting in Guatemala. The Faculty participated in the Red Mesoamericana de Recursos Bioticos project – Etnobiologia in Guatemala, and presented at the Segundo Seminario Internacional del Observatorio de los Mares y las Costas “Jacques-Yves Cousteau Conference in Mexico.

UB, through the FST, was represented on the National Environmental Appraisal Committee (NEAC) meetings, providing recommendations to the Department of the Environment for sustainable development. It also participated in the United Nation Environment Program - Strategic Approach to International Chemical Management (SAICM) to ensure that by the year 2020, chemicals are produced and used in ways that minimize significant adverse impacts on the environment and human health.

A major achievement of the 2009-2010 year was the co-sponsorship of the Meso-American Society for Biology and Conservation regional Congress XIII, held in Belize in October, with students, faculty and staff volunteering their time. The Faculty partnered with Belize Audubon Society to host this annual event, which attracts between 300 and 1000

participants each year for several days of oral and poster presentations, special symposia, courses and workshops. One of the priority objectives was to “promote Belize as a leader in the region in conservation and protected areas management through the sharing of research and conservation work findings in Belize with others in the region.” Dr. Elma Kay, of the Natural Resource Management Program (and more recently Administrative Director of the Environmental Research Institute) was the General Coordinator for the Congress, and held the post of President of the Belize Chapter of the MSBC.



***Dr. Elma Kay co-founder of the  
new UB Environmental Research  
Institute (ERI)***

# Centres and Institutes

The University of Belize has under its administration a number of Centres and Institutes that increase the geographic scope and technical experience of the courses offered.

## Environmental Research Institute



## Calabash Caye Field Station



## Central Farm



## Toledo Campus



# Environmental Research Institute

## Mission

The Environmental Research Institute continuously builds national scientific capacity for the effective management, sustainable use and conservation of Belize’s natural resources.

*‘ERI has touched the lives of more than 50 University of Belize students and faculty, as well as some Natural Resources Management professionals...’*



**Dr. Elma Kay**  
ERI Administrative  
Director

*“...twelve months of building our institutional capacity through the hiring and training of staff, equipping of our facilities at the University’s Central Campus in Belmopan and the Calabash Caye Field Station (CCFS) in the Turneffe Atoll, and the implementation of various research, capacity-building and conservation projects”.*

## Beginnings.....

The Environmental Research Institute was officially inaugurated on January 28, 2010, in collaboration with presentations from the Oceanic Society and the Deep Search Foundation at the UB Jaguar Auditorium on the Belmopan Campus. More than 100 people, representing over 40 local and international organizations and entities, attended the launch. Deputy Prime Minister and Minister of Natural Resources Honourable Gaspar Vega, the Guest Speaker, highlighted the importance of science, research and the ERI to Belize. Other speakers included the Country Representative of Oak Foundation, Imani Morrison and Dr. Sylvia Earle, world-renowned marine scientist and National Geographic Explorer in Residence from Deep Search Foundation.

ERI has the structure and ability to manage and implement both the programmatic

and financial aspects of its work in an efficient, transparent and effective manner, attracting donors and projects funded from external sources. A Steering Committee (ERI-SC) comprised of UB and non-UB natural resources management stakeholders, provides oversight and guidance for ERI operations and administration, with the UB Provost serving as the Chair.

Since its launch, the ERI has been fully operational at the University’s location in Belmopan City, the Calabash Caye Field Station (CCFS) in the Turneffe Atoll, and at its various research and training field sites. During this academic year, the ERI was involved in the implementation of three Programs:

- Training and Fellowships
- Research and Monitoring
- Communications and Outreach

### ERI Steering Committee

Name	Representation on Steering Committee	Organization
Ismael Hoare, Ph.D.	UB Provost - ERI-SC Chair	University of Belize
Sandra Miranda	UB Director of Finance	University of Belize
Elma Kay, Ph.D.	ERI Administrative Director - ex-officio, non-voting member	University of Belize
Alexander Bowen	Private Sector Representative – Elected Vice Chair	Gallon Jug Agro-Industry
Rachel Miller	Private Sector Representative	Marine Farms Ltd.
Beverly Wade	Fisheries Administrator	Fisheries Department
Wilber Sabido	Chief Forest Officer	Forest Department
Nicola Foster, Ph.D.	APAMO Representative	TIDE
Nadia Bood	International Environmental NGO Representative	World Wildlife Fund (WWF)

# Environmental Research Institute

Vision

As the premiere environmental research institute in Belize and highly respected in the region, ERI provides sound science and creates a culture of evidence-based decision-making in the public and private sector in areas relevant to Belize's sustainable development.

Since its official launch in January of 2010, the ERI has been directly involved in nine local and regional projects that span research and monitoring in both the terrestrial and marine environments, to the development of a National Environmental and Natural Resource Management Research Agenda and a Master of Science (M.Sc.) degree program in Biodiversity Conservation and Sustainable Development.

The Training and Fellowship Program is ERI's main capacity-building initiative. It involves the design and implementation of short-term training opportunities aimed at meeting the needs of professionals in the field of natural resources management, and the development of long-term training in the form of graduate Programs in related fields.

This past academic year, ERI staff taught courses within the Bachelor in NRM Program and assisted as advisors to final year Bachelor students for three additional required courses: Forest Ecology and Management; Wildlife Management; Fisheries & Aquaculture Management. As part of the respective courses students participated in site visits to Marine Farms Ltd. and Royal Maya Shrimp Farm and working field visits to the location of the Belize Large Mammal

Research opportunities for local students and fellowships for resident and visiting researchers are also part of this Program, enriching existing programs at the University and enhancing the research capacity of the Institute.

The Training and Fellowships Program was one of the most active programs during 2009-2010. Through an agreement with and funding from Panthera, the ERI was able to hire a senior researcher, Dr. Bart Harmsen as the Panthera Jaguar Research Fellow in Wildlife Conservation. Dr. Harmsen is leading the ERI's wildlife program and is in charge of the implementation of the Darwin-funded Belize Large Mammal Corridor Project in Central Belize.

Corridor Project to collect data for their course projects.

A 6-day field component was also integrated into the course, based from the CCFS Station, with students participating in fish surveys, fisheries data collection for conch, lobster and finfish, Catch Per Unit Effort (CPUE) data collection and testing the efficiency of different fishing gears.



Dr. Leandra Cho-Ricketts, Co-founder of the ERI



Partner	Project
OAK Foundation	<i>Developing National Research and Monitoring Capacity for the Management of Belize's Marine Protected Areas and Natural Resources</i>
Darwin	<i>Belize Large Mammal Corridor Project</i> <i>Lowland Savanna Project</i>
Panthera	<i>Panthera Jaguar Research Fellow in Wildlife Conservation</i>
Seagrass Net	<i>Seagrass monitoring for Turneffe Atoll</i>
Conservation International:	<i>Belize Barrier Reef Cross Shelf Connectivity (CSC) project</i>
Swedish International Development Agency	<i>Research Capacity Building for the prevention and mitigation of natural disasters in Central America and the Dominican Republic</i>

# Calabash Caye Field Station

The Calabash Caye Field Station is Belize's first nationally owned and managed marine research facility. The field station officially opened on September 27<sup>th</sup> 1995 under the Marine Research Centre (MRC) of the University College of Belize (UCB). In August 2000, the University of Belize (UB) was created and the MRC was changed to the Calabash Caye Field Station (CCFS).

Calabash Caye Field Station is located in the Turneffe Atoll, the largest of the three offshore atolls associated with the Belize Barrier Reef.

With support from Oak Foundation, ERI has been actively involved in monitoring at various marine sites during the past academic year, based from Calabash Caye Field Station. The program was designed to address the data needs for developing a management strategy for Turneffe Atoll, with a focus on monitoring of coral reef, mangrove, and seagrass. Coral bleaching monitoring was also implemented, coordinated through the National Coral Reef Monitoring Network

Results of the monitoring efforts included the identification of four sites that needed continued monitoring based on the February 2010 coral bleaching survey - sites that had more than 10% of corals affected. Six reef and mangrove Meso American Barrier Reef System Monitoring sites were established within the Atoll, to enable long term monitoring. Observation of lionfish was conducted at 30 fore reef sites in Turneffe, along with gut analysis by a Natural Resource Management internship student.

In support of the ERI's monitoring efforts, a database has been developed for the National Coral Reef Monitoring Network

to allow ERI and its partners to consistently and reliably generate reports that show the status of coral bleaching for particular sites or at a national scale. The database will also help the ERI to take the lead in coordinating national monitoring efforts. The database was completed by the end of the academic year and is now undergoing testing.

The ERI was also involved in marine research efforts during the academic year. A study was conducted by Elin Burmerius, an undergrad student from the University of Lund, who studied parrot fish populations among different habitats across Turneffe providing results that will be incorporated as baseline abundance data into the ERI monitoring program for Turneffe.

The Cross Shelf Connectivity project, funded by CI and managed by Dr. Cho-Ricketts of the ERI, was completed at the end of the academic year. The results of the project reinforced the importance of coastal mangroves and seagrass beds to the management of fisheries, where coastal mangroves in particular play a critical nursery role for the newly settled and early juvenile stages of fish such as snappers. The size distribution of commercially important species indicated just how much some of the target species depend on mangrove and seagrass habitats during early life development. The study highlighted that proper management of the fisheries cannot occur without management of these critical early life history habitats.

In 2009, the CCFS was moved under the new Environmental Research Institute (ERI) of UB. Current focus is on upgrading the CCFS facilities and services and establishing research and study abroad programs.

The field station sits on a 5 acre plot on Calabash Caye in the south-eastern portion of Turneffe. Calabash Caye is approximately 32 miles east of Belize City



# Central Farm

## Mission

To deliver agriculture programme of studies, agriculture-based extension services and applied research thereby contributing to Belize's food security and national development.

Formerly the Belize College of Agriculture, this institution has been in existence for over 50 years, and has played an important role in developing the human resource capital considered vital to the implementation of the agriculture segment of the National development plan. However, in 2006 it was forced to close, just six years after the facilities transferred from GOB to UB.

Closure created a void in the supply line of trained personnel, and the University of Belize considered it its responsibility to revive the institution to fill this void, but placing an emphasis on financial sustainability. The training facility has been developed as a profit centre, managed on business principles, in an attempt to reduce net operating costs and provide a real, productive environment for training. A development account has been established with contributions from a variety of sources for the renovation of the facility and Programs.

The Central Farm Campus underwent massive infrastructure development in 2009 / 2010, with the transformation of its administrative building, dorms, computer centre, laboratories, and communication infrastructure. This was paralleled by the implementation of a robust and buoyant curriculum to better equip graduates with modern and technological agricultural skills and training, to strengthen the future of Belize's agricultural sector for national development, trade and international competitiveness.

The changes to the curriculum have led to a return of the Associates degree in General Agriculture, with plans to reorganize the Sustainable Agriculture program with supporting teaching facilities. Major emphasis is placed on hands on experience and the inclusion of a stronger managerial component in addition to the academic background will help to produce graduates that

contribute to agriculture, one of the pillars of the Belizean economy.

Central Farm strives to be at the forefront of modern agriculture, and participated in trials investigating *Jatropha* as a potential biofuel, under the framework of the project 'ERA-ARD Biofuels in Africa and Central America 2009-2013'. With the assistance of the Food and Agriculture Organization (FAO), commercial poultry production was reintroduced with the importation of 1000 black sex links chickens and the construction of two pens. Pig rearing has also been restarted, with six pregnant sows and 12 fatteners. Both these projects provide training opportunities, as well as increasing financial sustainability of Central Farm.

These projects provide training opportunities, as well as increasing financial sustainability of Central Farm, and were made possible through the tremendous team effort from the staff of UBCF, especially the new staff, and the development committee.

Notable infrastructure achievements included the development of Soils, Chemistry, Food Processing and Biology laboratories. A Campus cafeteria now caters for faculty, staff and students and neighbouring communities, and a lounge area has been established from underutilized rooms. General renovation and Painting renovation has included a complete renovation of the library, converting it into an upgraded computer centre with 24 computer units and wireless internet.



# Toledo Campus

***The University of Belize-Toledo Campus enables access to education by the rural poor, indigenous peoples and the most disadvantaged in our society, and seeks opportunities to participate in the development of the district and its people.***

The University of Belize Toledo Campus is centrally located in Punta Gorda Town in southern Belize, and provides access to tertiary level education to over 500 full and part time students from the Toledo district. It also provides Adult and Continuing Education opportunity to the people of the area.

In 2009 – 2010, there were eight full-time faculty members, 12 adjunct faculty members, 16 staff members at UB-Toledo and two staff members on rotation at Hunting Caye. Three hundred and fifty-four students registered for courses at UB-Toledo for Semester 1, 2009, proof of a steady upward trend in enrolment since 2007, when 214 students joined the University. Twenty students graduated in January 2010 and fifty-two students graduated in June 2010.

The 2009 – 2010 school year saw the launch of the University of Belize-Toledo Campus' Website, promoting the campus over a wider forum. It also saw the launch of the UB-Toledo Education Students in Schools Program. As a result of UB-Toledo activities, the percentage of trained teachers in the Toledo District has increased to about forty-five percent from thirty percent reported two years ago.

Following a visit by a team from Prairie View A & M University to the UB-Toledo Campus, development of a Professional Development Workshop was started, for the teachers of the Toledo District, in collaboration with the Ministry of Education and Prairie View University.

The year has seen infrastructure development, with the painting of UB buildings and the thatching of the Student Centre building was completed.

Community involvement is encouraged, with students being involved in Community Service such as clean up campaigns, including a beach clean-up at Hunting Caye, UB's reef base for southern marine focused activities. Students were also involved in sporting activities - the TIDE Fresh water cup, football, softball, and relathon.



# Assistant Provost's Overview

*The Office of the Assistant Provost is responsible for the following: Admissions, the Bookstore, Library Services, Student Affairs, Records, Sports Programming and Student Wellness.*

The post of Assistant Provost was created in early 2008-09 and was filled in June 2009, with the objective of bringing together the units that support the academic functions under one division, increasing collaboration and cooperation. The units currently supervised by the Assistant Provost include the **Library** and **Bookstore** — two units that provide academic support to the faculties, the **Admissions, Records** and **Student Affairs** units that provide support to students and to the Academic Division and the **Open and Distance Learning (ODL)** unit, a newly established unit with the primary responsibility of creating Programs that will lead UB to becoming a dual mode institution, catering not only to students who want to enter traditional programs but also offering Programs and courses to non-traditional students.

During the academic year 2009-10 the Division made significant strides in a number of areas:

- clarification and consistent application of a number of academic policies,
- addressing students queries and concerns in a timely manner,
- improvements in library services and efforts to employ library staff with higher qualifications;
- improvement in the registration process;
- initiation of planning process for re-organization, focusing on clarification of roles and responsibilities towards greater efficiency in the services offered to students and the support provided to the academic division;
- initiation of planning process for the staffing and operation of the ODL unit.

Early in the year, the office of the Assistant Provost addressed the violation of a number of UB's academic policies, spearheading the development of a bookmark that outlined the **Academic Honesty Policy** and distributing these during Registration and Orientation to remind students of the policies and of the consequences of violations. In the next academic year the new bookmarks will be developed which will include sanctions for violations of these policies.

During the first semester the Assistant Provost, in collaboration with the Registrar, coordinator of Admissions and IT personnel, spearheaded the customization of the Xenegrade student registration software, upgrading the registration process from a paper-based system to an online system. In April 2010, the system was piloted in one faculty and in August 2010 it was launched in all faculties. Instructors are now able to submit grades online, and students are able to register and retrieve their grades — a significant improvement over previous years. UB also entered in agreements with several banks for payment of student tuition and fees, reducing the need for students to travel to the various campuses to make payments. Portals for online application and online payment are now under construction.

In December 2009, the post of Dean of Student Affairs was vacated, and remained unfilled for the remaining nine months of the academic year, with the responsibilities being shared by the Assistant Provost and the Coordinator of Student Services. The experience of supervising the various units and tasks of that division brought into focus the need to provide more support to the student government, for expanding services to students (including marketing of scholarships, development of student exchanges, and closer collaboration between student affairs and other student support units); and to reorganize to create efficiency in service and to ensure that roles and functions are not duplicated.

The Assistant Provost organized monthly meetings with the three Student Governments to improve communication with students. These meetings brought into focus the many needs of students on the various campuses and helped to build a



collaborative and cooperative working relationship between the Student Government and University administration.



*Belmopan Student Government, 2009/10*

The Assistant Provost, the Student Services Coordinator and one of the Student Government Counsellors also assisted in identifying areas of the Student Government constitution that needed revision, enabling the new student governments to take the task to the next level —having a revised constitution for campus Student Governments and for the Association of Student Government.

A revised system for documenting student queries and issues was developed to record the many issues brought to the Assistant Provost, helping to keep record of the different types of student issues and to highlight policies that needed clarification, or amendments. This also led to the clarification of several policies.

Shortly after appointment, the Assistant Provost provided immediate support to the **Library** in ensuring that cataloguing of books was done. Over the year, the library lobbied and was able to secure much needed funds to expand the number of electronic databases provided through Ebscohost. In addition, they also received support from an IT intern in elaborating plans for external hosting of UB's library holdings. As a result, in the coming year students will be able to access information about any of UB's library holdings from anywhere in the world.

The **Open and Distance Learning** (ODL) unit was established and a Director identified, with work focused primarily on Adult and Continuing Education courses. A company was identified to externally host

up to 10,000 students on the Moodle platform. Funding for webhosting was approved for 2010-11.

Over 2009-10, the Assistant Provost met monthly with the heads of the various units. The discussions focused on issues and concerns related to students, staffing in the various units, the need for staff development and upgrading, the need for re-organization of the division, closer collaboration among the various units, and the need for the development and advancement of the division to make it more student-centred.

*We now look forward to 2010-11 and beyond, when the Division expects to lead the University in becoming one that truly places students first.*

## Admissions Office

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The year was very productive despite the many challenges that we face as an institution. Nevertheless, we continue to promote our National University with much enthusiasm so that our institution remains the University of Choice.

As the recruiting arm of the University of Belize, it is important that the information disseminated by the Admissions Office is accurate and reaches the targeted population. Therefore as we embarked into the academic year 2009-2010 it was evident that our strategy had to include activities that would enable us to reach this goal.

As part of COBEC (Consortium for Belize Educational Cooperation), the Admission Office participates in the COBEC fair, held annually in Belize City. This event gives us an opportunity to market the undergraduate Programs that we offer as well as the scholarship opportunities available to students once they pursue a degree at the University.

The University of Belize also participated in the annual National Agricultural and Trade Show, held on the 1<sup>st</sup> and 2<sup>nd</sup> May, 2010. The display booth showcased more of the technical and agricultural Programs on offer, as well as information on scholarship opportunities.

The presence of representatives from the UB Black Jaguars basketball and football teams, recently returned from the Central American games, helped to highlight the emphasis UB places on linking education and sports.

The recruitment team, comprised of the Admissions Coordinator and representatives from the various faculties, led the official recruitment drive in the second semester of the academic year, running from the 15<sup>th</sup> February – 17<sup>th</sup> March, 2010, with visits to most secondary and tertiary institutions within the country.

***The continued support from these institutions is very much appreciated, as we work together for the improvement and growth of education in our country.***

The total number of applications received for the 2010-11 intake is 1966 of this amount 1729 were accepted and 237 were rejected. Compared to the 2009-10 intake the number of acceptance had dropped by only approximately 50 - not a significant number. The percentage of those persons that were accepted and registered for classes for the 2010-11 semester is approximately 68%, two percent greater than last year 2009-10.

As the University moves into the electronic age, the Admissions Office is making information more easily accessible for our faculty and staff, with more effective management of student registration data. All successful student applications have been digitized and uploaded to the Xenegrade (Xen) system, a software tool designed to provide web-based management of student data. This is an improvement from the last academic year, when only the information of Belmopan applicants was digitized. All persons who have access to Xen are now able to view the student electronic records.

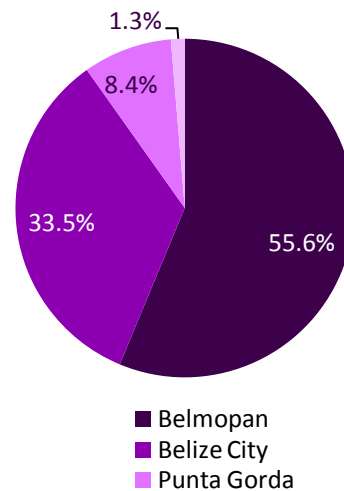
***As we continue to focus on our theme “WE CARE” we also keep in mind our motto “Education Empowers a Nation.”***

## Registrar’s Office

The student population at the University increased from 3,291 in 2008 /2009 to 3,714 in 2009 / 2010 – an increase of 13% compared This was primarily due to increased numbers in the Punta Gorda and Belize City campuses, with 64% and 13% increases, respectively. There was negligible increase in Belmopan. The Faculty of Education and Arts (FEA) experienced the largest increase, 25%, following the introduction of the Certification in Primary Education Program (CERTED). The Faculty of Science and Technology also showed a significant, 10% increase in numbers.

The majority of students took classes in Belmopan (55.6%), followed by Belize City (33.5%) then Punta Gorda (8.4%).

**Student Distribution by Campus (%)**



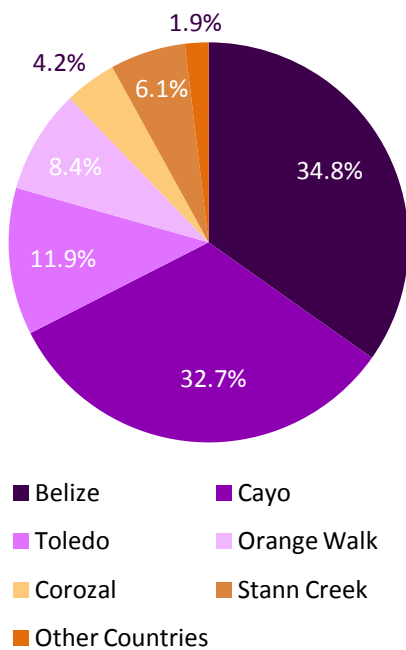
The proportion of the student body attending the Belmopan campus declined by 5%, whereas that of Punta Gorda increased by 3%, when compared with 2008 figures. Belize City remained the same. The CERTED Program was offered in San Pedro and Orange Walk, and accounted for 0.9% and 0.4% of the student body, respectively – a total of 1.3%.

Students range from 15 to 64 years of age, averaging 24.4 years old. Following the trend of the last ten years, there were approximately two female students to every male student.

In 2009/10, the majority (67.0%) of the students were fulltime, with a 17% increase in the number of full time students enrolled in the first semester (2009-1) when compared with the same time period in the previous year (2008-1). Part-time student numbers in 2009/10 increased by 6% when compared with the first semester of 2008/09.

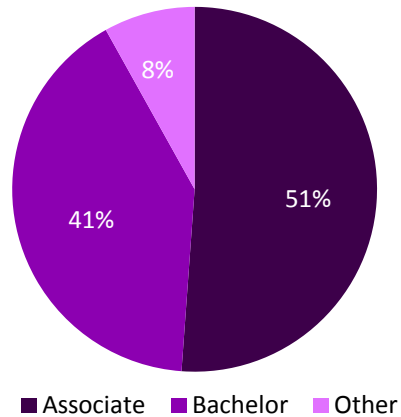
Students originated from all districts of Belize and from other countries. The majority of students (79.4%) came from districts with a campus, (i.e., Belize (34.8%), Cayo (32.7%) and Toledo (11.9%)), with other districts, those without access to a campus within the district, having much lower without a campus, i.e., Orange Walk (8.4%), Stann Creek (6.1%), Corozal (4.2%) and 1.94% percent came from other countries.

**Student Origin by District (%)**



The proportion of students pursuing different degrees is similar to the 2008 / 09 year, with the majority of students enrolled in Associate (51.2%) and Bachelor (40.8%) degrees. The others (8.1%) were attending certificate and diploma Programs, or intransient.

**Student Participation by Degree Program (%)**



The five most subscribed Associate degree majors were:

**Most Subscribed Associate Degrees**

Associate Degree	Number of Students
Business Science	507
Primary Education	378
Natural Resource Management	144
Information Technology	109
English	95

Associate degree Programs a notable increase in enrolment from the previous year included:

**Significant Increases in Enrolment**

Associate Degree	% Increase enrolment
Tourism Studies	105%
Biology and Chemistry	77.8%
Information Technology	26%
Social Work	22%
Primary Education	17%

Of the 20 majors at the Bachelor's degree level, the five with the highest enrolment were:

#### Most Subscribed Bachelor Degrees

Bachelor Degree	Number of Students
Management	386
Primary Education	295
Professional Nursing	171
Accounting	119
Information Technology	68

Programs with notable increase in enrolment included:

#### Significant Increases in Enrolment

Bachelor Degree	% Increase enrolment
History	83.3%
Management	73.1%
Nursing	43.7%
Information Technology	41.7%
Accounting	21.3%

There was a 24.7% decline in enrolment for the Tourism Management Bachelor Program.

The four most subscribed certificate Programs were:

#### Most Subscribed Certificate Programs

Certificate Program	Number of Students
Primary Education	83
English as a Second Language	49
Practical Nursing	40
Paralegal	22

## Office of Student Affairs

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The Office of Students Services is committed to the holistic development of students, and continued to provide Belize's future leaders with timely and relevant services with respect to orientation, registration, transportation, housing, social activities and financial aid.

## Orientation

Students were welcomed for Orientation in August and January at the Belmopan, Belize City and Punta Gorda Campuses by the Orientation Group Leaders, who did an excellent job in welcoming the new students.

## Graduation

Two successful graduation ceremonies were held - one in January and the other in June.



## Transportation

Two bus services provide transportation for UB students and staff: Sergio Chuc for the Benque Viejo-UB service and Donald Sampson for the Belize City-UB service. Bus schedules along with rules were prepared and disseminated to student commuters. To ensure quality transportation services were maintained, the system of using three UB representatives for the Belize City runs was continued, in close collaboration with the Student Services coordinator.

## Housing

UB produces a House list which is updated on a monthly basis to provide information on available home stays and apartments in Belmopan City. All students requiring accommodation received a list and, when necessary, were assisted with transportation to view and select affordable accommodation. Notwithstanding these efforts, it is recognized that affordable housing remains a challenge area for students.

### Food services

Since the closure of the Cafeteria, a new system of food services was implemented for the Belmopan Campus. Following meetings with existing local food businesses on Toledo and Stann Creek Street, these establishments were declared a food zone for students. In addition, a service referred to as 'Ambulante' was also introduced, with two providers being given permission to temporarily provide students with food, beverage and snacks on campus. The Student Government-initiated food booth continued to operate.

A formal meeting was held with the food providers and Health Inspector at the beginning of the semester to collect food handlers' certificate for both the providers and their workers, and to disseminate Standard Operating Procedures, rules and regulations for operating food services for the sale of food and beverage on campus to University students.

### Financial Aid

The Office of Student Services continued to prepare and dissemination information on scholarships available to students, in collaboration with partners such as the Government of Belize, PACT and Social Security, as well as monitoring existing scholarships. The Office also assisted in the promotion of student loans from the Development Finance Corporation and Scotia Bank.

### International Collaboration

In its efforts to promote international collaboration, the University received two Study Abroad students from Thompson River University, and the University of Maryland Eastern Shores conducted their three weeks exchange in collaboration with the University of Belize. Several other Universities also visited to discuss possible exchange opportunities.

### Regional Language Centre

A total of 47 students were accepted to the Regional Language Centre. An orientation was conducted for them providing them with information related to Housing, Student Permits, Safety, Stipends, Students Clubs and the Calendar of Events. Two Students from Colombia translated the International Students Guide from English to Spanish. This is now being sent to all foreign students before arrival.

### Student Clubs

The Office of Student Services assisted in the formation of several Student Clubs, including the Christian Club, Advent Fellowship, Computer Club, Environmental Club, Travel Club and Dance Club.

Also active is the newly formed UB Emergency Team (UBET), linked to the Belize Disaster and Rescue Response Team (BDARRT), through which it is connected to the National Emergency Management Organization (NEMO) and the Ministry of National Security.



*UB Emergency Team (UBET)*

### Events

Several events were held during the 2009/10 year, including the Semester Kick Off, participation in the Independence Parade, Culture Day, the Scholarship Fair and Cultural Fair.



*UB Independence Day Float, 2009*

## Academic Support Services

During 2009/10, the Office of Student Service continued to serve as a day to day counsellor for students and teachers who were not performing well in class due to a number of issues, leading to negative effects on their academic performances. A range of issues were dealt with, including absenteeism and/or lack of preparation by teachers, financial and marital issues, alcoholism, pathological jealousy, drugs, and suicide. Despite the availability of this support service, there are still some students, both male and female, who do not take advantage of the access to the counsellor.

## Disciplinary Hearings

Several Disciplinary cases were conducted, with alcohol abuse and cheating being the major causes for hearings being required.

## Library and Bookstore

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*The University of Belize Library is committed to providing access to and delivery of information resources to UB administrators, faculty, students and staff in support of the University's teaching and research mission.*

The UB library network consists of five branches: one at the Faculty of Management and Social Sciences in Belize City, one in Punta Gorda at the Toledo University Centre, one at the Faculty of Agriculture at Central Farm, and the main branch at the UB Central Campus in Belmopan City. Belize City is also home to the Engineering Resource Centre at the Faculty of Science and Technology.

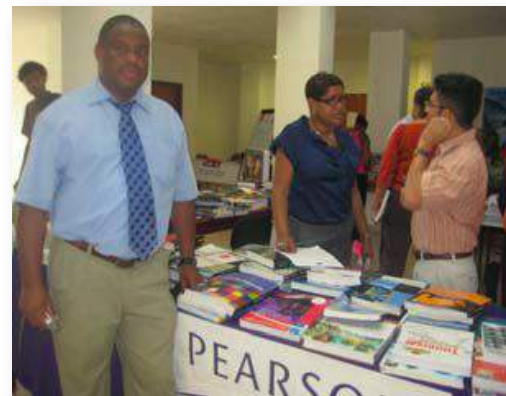
The Library continues to provide a setting conducive to learning, discovery, and cultural life, the library assists patrons to achieve professional goals. The UB Library offers an assortment of services to assist students in meeting their needs and to make their stay at UB more convenient. Services include holding areas, supplies box, wireless hotspot, access to computers and audiovisual equipment, bibliographic instruction, online internet search, scanning, binding, and photocopying. The library also provides

resources and services to non-UB users where possible.



*Erwin Woodye, Chief Librarian, University of Belize on an administrator exchange program to Western Kentucky University, sponsored by COBEC (Consortium for Belize Educational Coop*

In addition to the library, the Belmopan campus continues to host a bookstore, facilitating access to required reading materials for students and staff.



*Pearson's Book Fair at the UB Bookstore*

## Recreation and Sports

*The Department of Recreation and Sports works to improve the personal growth of the student body, by promoting good health practices.*

This is accomplished via the development and administration of sports programs that focus on encouraging and maintaining a physically active lifestyle, through both individual and group activities. The University of Belize has a wide range of opportunities for recreation and sport on each campus. Students can contact the Coordinator of Recreation and Sport on the Central Campus or the Coordinators of Student Affairs on the other campuses for details on learning, participating, and competing in University sports.



The University of Belize continued to show its strength in sports, with the Black Jaguars succeeding as the ATLIB champions for the 2010 year.



***The Black Jaguars  
ATLIB Champions for 2010***

In the ATLIB basketball event, both the male and female teams did extremely well and both gained first place.

During Wellness Fair, the UB Black Jaguars were recognized for their outstanding performance at the Central American University Games. Gold winning UB athletics students of the Central America Games held in Panama, students Tricia Flores and Kaina Martinez, were also recognized.



***The Black Jaguars  
ATLIB Champions for 2010  
Basketball***

Other sporting events included the participation of two teams in the La Ruta Maya 179 mile long, three day canoe race following the course of the Belize River. The male Black Jaguars team placed 2nd in the Intramural category, with sponsorship from Koop Sheet Metal and Creative Marketing.

UB's Environmental Club also had a canoe sponsored by WSI Solutions, Turneffe Flats Resorts, PACT, Mesoamerican Society for Biology and Conservation (MSBC) Belize Chapter, Santorini, JDB Ltd., Ms. Lisel Alamilla, Mr. Will Mejia, UB Student Affairs and the UB community.



***La Ruta Maya 2010***

# Technical Assistance and Support

*Human Resource, Public Safety and Public Information provide technical assistance and robust support to the UB Community under the leadership of the President. The office of Physical Plant falls under the direction of the Office of Finance.*

## Human Resources

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*People are the University of Belize's chief resource. The academic, administrative, technical and support staff all made a significant contribution to the life of the University.*

During 2009/2010, the Human Resources Department increased its efforts in staff recruitment and orientation, in addition to the building general stewardship in all.

Faculty recruitment was challenging for areas such as Nursing & Allied Health, and Engineering, perhaps because of the need to make salaries more competitive. Where possible, several part-time lecturers were taken on to help meet the needs of the growing student body.

378 Academic, Professional and Senior Administrative Staff were employed in the year under review. Of these, twelve left the University through resignation and retirement. Study leave for scholarly activities was awarded to five and fifteen others (faculty and staff) were promoted.

Effort was devoted to orientation and training activities for members of staff engaged in manual duties, including those of the Physical Plant (Housekeeping) Department.

The Human Resources Department also facilitated the needs of the Administrative, Technical and Support Staff as well as hourly-paid workers.

Several people also put effort into continuing their education and professional development.

The work in the Human Resource Department in the Academic year 2010 – 2011 will focus on:

1. Revision of the Faculty and Staff Handbook
2. Finalization (with assistance from the Office of the Provost) and implementation of the Promotions and Tenure Manual
3. Approval and implementation of the Merits Award Policy
4. Implementation of the HRIS Orange System
5. Approval of the HR Development Plan for both Academic and non Academic Staff
6. Staff Development on the job training including Work Etiquette, Improving Supervisory Skills
7. Review of the current performance appraisal
8. Human Capital upgrade for Public Safety Department.





## Public Safety

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During the period under review, the Department of Public Safety continued in its mandate to create an environment where people can feel safe when learning, working and visiting. The Department remained committed to providing quality service and protection to the entire University community.

Prevention is the key to reducing crime in the UB community, and that is a responsibility that the Public Safety Department takes very seriously. Despite challenges presented by limited manpower and inadequate equipment, we remain resolute in our commitment to make all UB campuses crime free.

In collaboration with the wider University community, the Belize Police Department, and the National Fire Service, the Public Safety Department has worked diligently to prevent crime, and resolve issues that affected students, faculty, staff and visitors. The Public Safety Department continued to transition from a security agency to an armed law-enforcement agency, with an emphasis placed on training and equipment. With crime and criminality being an evolving situation, analysis and evaluations continued to be made of the threats to our internal security from external sources. This is strengthened through the ongoing appeal to the University community to practice good personal safety habits, by promptly reporting suspicious activity, and by their non-participation in careless practices and behaviour.

At all forums that we attended, we continued to inform the University community that the University is not immune from criminal activity, because we do share many of the crime and safety issues that exist elsewhere. Reported crime was relatively low at all campuses, but there continued to be criminal activities conducted by students off campus.

The establishment of the **UB Student Security Corps** and the Multi-Agency Task Force on Gun Violence are

two of several initiatives implemented to encourage and enhance community interests and involvement in security, in partnership with the Student Government.



*UB Student Security Corps*

One of the primary functions of the UB Student Security Corps is to disseminate information to the student body on the issue of security. Additional functions include the gathering of information on campus of security threats, criminal activities, and gang or drug activities that may pose a threat to the University community. Monitoring of vandalism to University property and assisting with the University's escort service for night time students are also functions of the Corps.

New programs and strategies will be introduced to help maintain and achieve a safe and secured academic environment in 2010/11.

## Office of Public Information

The Office of Public Information (OPI) was instrumental in providing timely and relevant information to both internal and external publics in its commitment to raise the profile of the University among its stakeholders, collaborators and beneficiaries at home, regionally and internationally.

During the review period, the office of OPI increased awareness and visibility of the University and coordinated media coverage of its events, achieving positive media publicity on print, radio and television media/news agencies in relation to achievements, accomplishments, programs and projects of the University critical to the development of Belize. The Office was also instrumental in transforming knowledge, influencing opinions, and attitudes of specific target audience, stakeholders, and citizens of Belize, fostering and enhancing awareness within the University community, its stakeholders, collaborators and beneficiaries of the important role played by the University in Belize, and its past achievements and contributions to Belize society.

OPI planned, coordinated, and provided technical and logistics assistance to events and public lectures, including conceptualization and design of invitations, posters and flyers, and organizing the logistics of invitees (in particular, government officials and members of Diplomatic Corps). The Office was also instrumental in the preparation and distribution of information/press kits including press releases, CD-ROMs, and printed materials to invitees and media agencies. Other publicity and marketing activities included the mounting of display exhibits at specialized events, showcasing the holistic activities of the University.

Among the most important ongoing products of the office are:

### Website

OPI maintained the visibility and presence of the University in the eyes of the national, regional, and international community through the development, maintenance and updating of the University website (<http://www.ub.edu.bz/>).

### Press Releases

The OPI issued a plethora of Press Releases highlighting the achievements and activities of the various faculties, resulting in increased awareness, positive media publicity and greater visibility for the University.

### Bulletin

OPI conceptualised, authored and produced the monthly Bulletin, featuring the work of the University and its contributions to the national development of Belize.



## Office of Physical Plant

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The lush landscapes of the University Campuses are considered to be among the notable features of public areas for faculty, staff, students and visitors alike. The Office of Physical Plant has been instrumental in complimenting this through the provision of ongoing maintenance of offices and facilities at the respective campuses. Classrooms, science labs, vehicle fleets, civil works projects and sporting battlefields are maintained to ensure a clean and safe working, teaching and learning environment, contributing support services to facilitate an academic experience for the future leaders of Belize. The staff of Physical Plant was also instrumental in the transportation of faculty and staff to external events.



# External Auditors' Report



Castillo Sanchez & Burrell, LLP

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Belize

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Julian Castillo, CA

Audit & Risk Advisory  
Business Solutions  
Outsourcing  
Real Estate  
Corporate  
Paralegal

## INDEPENDENT AUDITORS' REPORT

To the Board of Directors of:  
University of Belize

Report on the Financial Statements

We have audited, in accordance with the International Standards on Auditing, the Statements of Financial Position of University of Belize as of July 31, 2009 and 2008, and the related statements of comprehensive income, statements of equity, and cash flows for the years then ended (not presented herein); and in our report dated December 22, 2009, we expressed a qualified opinion on those financial statements as we were unable to validate student receivables based on limitation of scope.

In our opinion, except for the effects of the such adjustments, if any, as might have been determined to be necessary had we been able to satisfy ourselves of value of student receivable as stated above, the information set forth in the accompanying condensed financial statements is fairly stated, in all material respects in relation to the financial statements from which it has been derived.

*Castillo Sanchez & Burrell, LLP*

Chartered Accountants  
December 22, 2009

Independent Correspondent Firm to Deloitte Touche Tohmatsu


# External Auditors' Report

## UNIVERSITY OF BELIZE

### STATEMENTS OF FINANCIAL POSITION JULY 31, 2009 AND 2008

	2009	2008
<b>ASSETS</b>		
CURRENT ASSETS:		
Cash and cash equivalents	\$ 5,911,034	\$ 4,823,019
Student tuition receivables (net)	3,553,616	2,969,885
Receivables from Government of Belize	351,381	438,759
Other receivables	96,534	-
Employee advances	206,040	224,882
Inventories	467,325	893,841
Total current assets	10,585,430	9,350,386
PROPERTY, PLANT AND EQUIPMENT - Net	39,270,353	40,495,461
INVESTMENT	225,000	225,000
	39,495,353	40,720,461
TOTAL	\$50,081,283	\$50,070,487
<b>LIABILITIES AND FUND BALANCES</b>		
CURRENT LIABILITIES		
Bank overdraft	763,763	1,150,144
Accounts payable and other payables	565,769	344,562
Total current liabilities	1,329,559	1,494,706
CAPITAL GRANT	37,748,916	39,262,224
FUND BALANCES	11,002,808	9,313,917
	48,751,724	48,576,141
TOTAL	\$ 50,081,283	\$ 50,070,847

The financial statements were approved and authorized for issue by the Board of Trustees on June 17, 2010 and are signed on its behalf by:

  
President

  
For - Chief Finance Officer

# External Auditors' Report

## UNIVERSITY OF BELIZE

### STATEMENTS OF COMPREHENSIVE INCOME

YEARS ENDED JULY 31, 2009 AND 2008

	2009	2008
OPERATING REVENUES		
Tuition and fees - net	\$ 10,056,488	\$ 8,514,893
Other	404,876	1,383,251
Government subvention	10,664,133	8,784,600
Amortization of capital grant	1,513,308	1,513,308
Total current assets	<u>22,638,805</u>	<u>20,196,052</u>
OPERATING EXPENSES		
General and administrative	16,411,124	15,166,443
Educational services and facilities	3,962,366	3,551,823
Institutional support	678,789	622,502
	<u>21,052,279</u>	<u>19,340,768</u>
SURPLUS FROM OPERATING ACTIVITIES	1,586,526	855,284
NON-OPERATING REVENUES		
Interest earned and investment income	<u>102,365</u>	152,028
SURPLUS	1,688,891	1,007,312
OTHER COMPREHENSIVE INCOME	-	-
TOTAL COMPREHENSIVE INCOME	<u>\$ 1,688,891</u>	<u>\$ 1,007,312</u>

# External Auditors' Report



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Julien Castillo, CA

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Business Solutions  
Outsourcing  
Real Estate  
Corporate  
Paralegal

## INDEPENDENT AUDITORS' REPORT

**To the Board of Directors of:  
University of Belize**

**Report on the Financial Statements**

We have audited, in accordance with the International Standards on Auditing, the Balance Sheet of University of Belize as of July 31, 2008, and the related statement of activities, changes in fund balance and cash flows for the year then ended (not presented herein); and in our report dated September 15, 2009, we expressed a qualified opinion on those financial statements as we were unable to validate student receivables and inventories based on limitation of scope. The financial statements for the year ended July 31, 2007 were audited by other auditors whose report dated May 27, 2009 expressed a qualified opinion on the validity of property, plant and equipment based on limitation of scope.

In our opinion, except for the effects of the such adjustments, if any, as might have been determined to be necessary had we been able to satisfy ourselves of value of student receivable as stated above, the information set forth in the accompanying condensed financial statements is fairly stated, in all material respects in relation to the financial statements from which it has been derived.

*Castillo Sanchez & Burrell LLP*

**Chartered Accountants  
September 15, 2009**

**Independent Correspondent Firm to Deloitte Touche Tohmatsu**

# External Auditors' Report


## UNIVERSITY OF BELIZE

### BALANCE SHEETS

JULY 31, 2008 AND 2007

	2008	2007
<b>ASSETS</b>		
CURRENT ASSETS:		
Cash and cash equivalents	\$ 4,823,019	\$ 6,141,059
Student tuition receivables (net)	2,969,885	1,179,225
Receivables from Government of Belize	438,759	321,219
Employee advances	224,882	142,020
Inventories	893,841	433,642
Total current assets	<u>9,350,386</u>	<u>8,217,165</u>
PROPERTY, PLANT AND EQUIPMENT - Net	40,495,461	40,197,069
INVESTMENT	225,000	225,000
	<u>40,720,461</u>	<u>40,422,069</u>
TOTAL	<u>\$50,070,847</u>	<u>\$48,639,234</u>
<b>LIABILITIES AND FUND BALANCES</b>		
CURRENT LIABILITIES		
Bank overdraft	1,150,144	566,641
Accounts payable and other payables	344,562	395,254
Total current liabilities	<u>1,494,706</u>	<u>961,895</u>
CAPITAL GRANT	39,262,224	41,275,532
FUND BALANCES	9,313,917	6,401,807
	<u>48,576,141</u>	<u>47,677,339</u>
TOTAL	<u>\$ 50,070,847</u>	<u>\$ 48,639,234</u>

The financial statements were approved and authorized for issue by the Board of Trustees on June 17, 2010 and are signed on its behalf by:

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
For - Chief Finance Officer



# External Auditors' Report

## UNIVERSITY OF BELIZE

### STATEMENTS OF ACTIVITIES

YEARS ENDED JULY 31, 2008 AND 2007

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	2008	2007
OPERATING REVENUES		
Tuition and fees - net	\$ 8,514,893	\$ 6,134,008
Other	1,383,251	4,923,646
Government subvention	8,784,600	7,860,000
Amortization of capital grant	1,513,308	877,062
Total current assets	<u>20,196,052</u>	<u>19,794,716</u>
OPERATING EXPENSES		
General and administrative	15,166,443	12,624,787 *
Educational services and facilities	3,551,823	3,062,032 *
Institutional support	622,502	2,423,497
	<u>19,340,768</u>	<u>18,110,316</u>
SURPLUS FROM OPERATING ACTIVITIES	855,284	1,684,400
NON-OPERATING REVENUES		
Interest earned and investment income	<u>152,028</u>	<u>50,774</u>
SURPLUS	<u>\$ 1,007,312</u>	<u>\$ 1,735,174</u>

\*Reclassified for comparative purposes

# Administrative Officers

**President**

Santos Mahung, Ph.D

## ACADEMIC AFFAIRS

**Interim Provost**

Angel Cal, Ph.D

**Dean, Faculty of Management & Social Science**

Fatai Akinkuolie, M.Comm.

**Dean, Faculty of Nursing, Allied Health & Social Work**

Ismael Hoare, Ph.D

**Dean, Faculty of Education**

Wilma Wright, Ph.D.

**Dean, Faculty of Science & Technology**

Thippi Thiagarajan, Ph.D.

**Dean, Adult & Continuing Education**

Sylvia Cattouse, MBA

**Director, Regional Language Centre**

Rosemarie Modera, M.Ed..

**Campus Administrator, Toledo Campus**

Stanley Nicholas, ABD

**Campus Administrator, Central Farm Campus**

Gordon Holder, Ph.D.

**Quality Assurance Officer**

Angel Cal, Ph.D

## STUDENT AFFAIRS

**Assistant Provost**

Cynthia Thompson, Ph.D.

**Registrar**

Roy Young, Ph.D.

**Dean, Student Affairs**

Jean Perriott, Ph.D.

**Coordinator, Admissions**

Andrea Middleton, MBA

**Coordinator, Student Services**

Sharon Palacio, B.Sc.

**Coordinator, Recreation and Sports**

Kirk Smith, BSc.

**Chief Librarian**

Erwin Woodye, BSc.

**Manager, Bookstore**

David Jones, MBA

## FINANCE

**Chief Financial Officer**

Harry Lui, MBA

**Accountant**

Ian Sangster, BSc.

## COMMUNICATION AND INFORMATION TECHNOLOGY

**Director, Information Technology**

Marco Valle, BSc.

**Public Relation Officer, Office of Public Information**

Sylvana Woods, M.Ed.

## HUMAN RESOURCE, SECURITY, PHYSICAL PLANT

**Director, Human Resource**

Yura Monsanto, MBA.

**Chief Security Officer**

Michael Gutierrez

# Board of Trustees

**Ms. Imani Fairweather (Chairperson)**

Belize Minister of Education's Representative  
OAK Belize Foundation

**Mr. Deryck Satchwell**

National Council for Education Representative  
Sacred Heart Junior College

**Mr. Leonardo Pott**

UB Faculty Representative

**Mr. Steve Spiro**

Minister's Representative for Tourism Private  
Sector  
El Pescador Inn, San Pedro

**Dr. Peter Allen**

Chief Executive Officer, Ministry of Health  
Ministry of Health Representative

**Mr. Anthony Sabal**

Association of Tertiary Level Institutions of  
Belize (ATLIB) Representative  
Stann Creek Ecumenical Junior College

**Mr. David Leacock**

Chief Executive Officer, Ministry of Education  
Ministry of Education Representative

**Ms. Yvette Alonzo**

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Representative  
Association of Protected Areas Management  
Organizations (APAMO)

**Mr. Emile Mena**

Minister's Representative, Industry Sector  
Wood Depot, Belmopan

**Mr. Alex Anderson**

UB Student Representative  
Association of Student Governments  
University of Belize

**Mr. Gabino Canto**

Chief Executive Officer, Ministry of Agriculture  
Ministry of Agriculture Representative

**Ms. Jacqueline Willoughby**

National Trade Union Congress Representative  
Public Sector Union Office

**Bishop Canon Philip Wright**

Belize Council of Churches Representative  
Anglican Dioceses of Belize

**Dr. Cynthia Terry**

UB Alumni Association Representative

**Dr. Gordon Holder**

Minister's Representative, Agriculture Private  
Sector  
Belize Rural Development Program

**Dr. Santos Mahung**

Secretary to the Board, University of Belize  
President, University of Belize



University of Belize

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Designed by: Wildtracks