



6

Water security... development



2

Earth Day: A Success!



7

Making a Difference



21

Football Champions



3



10

Tobacco Free: Healthy you



15

Future Scientists



4

Belize Benefits from Agricultural Project



Addressing Climate Change If Not Now When?

It's an annual tradition and a flagship for the University of Belize and this year was spectacular with hundreds of students from the University and schools from the surrounding communities who turned out in April to celebrate UB Earth Day 2013 under the theme "Addressing Climate Change If Not Now When?"

The ceremony was well attended by UB, high school, and primary school students.



Activities included display of students booths and projects that highlighted and showcased the importance, impact and relevance of effects of Climate Change and environmental issues as well as a 'Trashion' Fashion' where students modeled creative sports, casual, and formal wears outfits from recycled materials, a skit, music, poems, and a bicycle race with both male and female students peddling from the University's Central Campus to Roaring Creek village and returning to Belmopan. Also on display were a myriad of displays and informational booths by Governmental Departments, and Non-Governmental Organizations (NGOs), and an Ewaste drive for the recycling of electronic items that you no longer use. Keynote speaker was Mr. Ottis Joslyn, Caribbean Community Climate Change Centre (CCCCC).

The Earth Day and Project Management Class committee is grateful to the sponsors Heritage Bank, Belize Telemedia Limited, Westrac Limited, Scotia Bank, 96 Orchid Garden, World Wildlife Fund (WWF), A+ Computer Solutions, Mesoamerican Society for Biology and Conservation (MSBC), Dr. Arlenie Perez-Rogers, Belize Window Mart, PACT, Avadon Divers, Travellers, Seaspray Hotel, CPBL, BNE, Hon. John Saldivar, Community Outreach, and William and Samira Bowman.

Environmental Awareness Competitions			
Category	Level	Winner	Runner Up
3 D Model	Primary School	SMPS	
	High School	ESTM	BCS
Poster	Primary School	APS	APS
	High School	ESTM	BCS
Trashion	Primary School	Kuxlin Ha	SMPS
E-Waste	High School	BCS	
Bicycle Race	Male	Hao Cheng Lee	
	Female	Anjay Quiroz	

BCS - Belmopan Comprehensive School; ESTM - Escuela Secundaria Tecnica Mexico; SMPS - Saint Martin Primary School; APS - Adventist Primary School



Belize Benefits from Agricultural Project

The University of Belize launched the “*Institutional Partnership Component of the CARICOM Education for Employment Project (C-EFE)*,” April 11, at the University’s Central Farm Campus (UCFC) in Cayo.

The three-year \$1.63M/BZ project, funded by the Canadian government through the Canadian International Development Agency (\$0.88M), a consortium of Canadian Community Colleges (\$0.47M) and the University of Belize (\$0.28M), is part of a Canadian initiative to support regional education and agricultural development.



Ms. Brenda Cooke, CIDA Representative

Its primary goal is the promotion of regional economic growth through training a competitive labour force that can respond to growth

opportunities in various sectors.

The project is designed to strengthen the program at the University’s Central Farm Campus through the establishment of a

competency based curriculum that is responsive to the needs of local industry. The UBCF program also seeks to encourage students to pursue opportunities to for self-employment.

This component of the project, along with support for regional institutions involved with vocational training, and employment enhancement through information support systems, are all geared towards economic development in Belize and the Caribbean through a structured re-alignment of education with employment opportunities.



Hon. Patrick Faber,
Minister of Education,
Youth and Sports

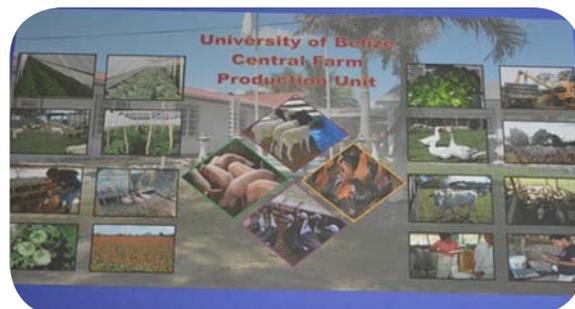


Dr. Cary Fraser, UB President



Dr. Gordon Holder, Campus Administrator

Partners in this new agricultural training project in Belize include Lakeland, BowValley, and Parkland Community colleges, all from Western Canada, the Ministry of Education Youth and Sports and the University of Belize through its Central Farm Campus under the leadership of the Campus Administrator, Dr. Gordon Holder.



On hand for the event were the Minister of Education, Youth and Sports, Hon. Patrick Faber, Senator, Honourable Joy Grant, Minister of Energy, Science and Technology, and Public Utilities, CIDA representative, Ms. Brenda Cooke, Chair of the Board of Trustees Mrs. Imani Fairweather-Morrison, the President of the University of Belize, Dr. Cary Fraser, the Director of international and distance learning of Lakeland University, Mr. Mark Butler, and officials of the consortium of Canadian Community Colleges.



Mr. Mark Butler, Lakeland University handing over plaque to Mrs. Imani Fairweather-Morrison, UB Board of Trustees

UB Conference Room For Rent

Conference Facilities at UB Central Farm Campus

- ✓ Fully Air Conditioned
- ✓ Wi-Fi Internet Access
- ✓ Special Rates for NGO's
- ✓ Catering Services
- ✓ Maximum Capacity: 80 persons



- Seating Arrangement
- > Theatre Style
 - > Rectangular
 - > Workshop

 824-3775

 600-3789

 rnovelo@ub.edu.bz
rnovelo_di@yahoo.com

Water security, climate change, and social development



Dr. Kenrick Leslie

The Mesoamerican Society for Biology and Conservation (MSBC), in partnership with University of Belize and the Caribbean Community Climate Change Centre (CCCCC), hosted its annual Natural Resource Management Research Symposium in April at the University of Belize's Jaguar Auditorium, Central Campus, Belmopan.

Key speakers at the symposium included Dr. Kenrick Leslie, Director of CCCC, Dr. Adrian Cashman, lecturer at the University of West Indies, and Dr. Cary Fraser, President of the University of Belize.



Dr. Cary Fraser



The Symposium was aimed to provide a space and platform for researchers, managers, government agencies, NGO's, and Belizean tertiary level students to come together to share research and findings in Biology and Conservation, and to assess the state of natural resources in Belize.



Dr. Adrian Cashman

The theme for this year's Symposium was entitled: ***“Meeting National Challenges of Water security, climate change and social development.”***



Qualified primary school teachers... brighter students

Ceremonies to mark the close of a BZ\$1.2 million project funded by the European Union (EU) and implemented by the University of Belize (UB) in collaboration with



Hon. Patrick Faber



Dr. Cary Fraser

southern Belize and by extension across the country. It targeted poverty alleviation and the quality of education through the provision of education and training for teachers, school administrators and parents.

The University of Belize, steadfast in its commitment to providing academic excellence in education, and building national capacity to transform Belize, has provided teacher training for primary level teachers as well as community training for parents and education

leaders through distance education, internet communication, and on-site support to teachers in these communities.

the Ministry of Education, Youth and Sports (MO-EYS) was held on May 3, at the Independence High School Independence.

The project signed and launched in 2010, was designed to increase the number of qualified primary school teachers in the Banana Belt communities of

Guest Speaker for the occasion was the Minister of Education, Youth and Sports, Honourable Patrick Faber. Representing the European Union was Mr. Thomas Opperer of the European Union Delegation to Jamaica, Belize, the Bahamas, Turks and Caicos Islands and Cayman Islands.

Other dignitaries at the event included the Chair of the Board of Trustees, Mrs. Imani Fairweather-Morrison, University of Belize, the President of the University of Belize, Dr. Cary Fraser and other officials, Chief Executive Officer of the Ministry of Education, Youth and Sports, and the Deputy Authorising Officer from the National Authorising Office in the Ministry of Finance and Economic Development.

The EU has been a key partner in contributing to the goals of the educational sector in Belize.



Dr. Willma Wright and M.s. Maud Hyde who were very instrumental in the project receiving award from Mrs. Imani Fairweather- Morrison

Empowering Education, for Children in Today's Society

“Empowering Education for Children in Today’s Society,” was the theme for a Community Outreach Symposium organized by students of the Faculty of Education and Arts, Central Campus, Belmopan.

Informational booths were exhibited to enlighten students, faculty, staff and the public on the importance on key topics such as Career Options, Vocational Programs, Parent workshop for CXC, Workshop for PSE, Motivational Learning, Managing Stress, Behavioral Disorders, Attention Deficit Hyperactivity Disorder: ADHD, and Oppositional Defiant Disorder: ODD.



Celebrating the International Day of Spanish Language

Students of the Spanish class celebrated the International Day of Spanish Language on April 13, with exhibitions, dance, poem, song, videos, and a parody of the famous spanish reality show: Laura.

The United Nations Organization through the United Nations Educational, Scientific, and Educational Organization (UNESCO) established October 12 as the Spanish Language Day since 2010 in order to "celebrate multilingualism and cultural diversity as well as to promote equal use of all six of its official working languages throughout the organization." The much older International Day of Spanish Language that we celebrated for the first time at UB on April 23, 2013 remains not only the most representative celebration of this language, but the one originated in a very important reason: the anniversary of the death of Don Miguel de Cervantes, author of "El Ingenioso Hidalgo Don Quijote de la Mancha." He passed away on this date in the year 1616 in Spain. October 12 was established as International Hispanic Culture Day.

Spanish is one of the most important international languages and is spoken widely across the globe. In Belize we are seeing the increase in importance of Spanish as a lingua franca as well as a mandatory subject from Primary to Tertiary education levels. Surrounded by Spanish speakers countries, and being part of SICA (Central American Integration System) and CARICOM both organizations having the Spanish as one of their official languages, Belize promotes English and Spanish competence to encourage national development between the Carribean and Central America.

UB established, a Spanish program for contributing to this national objective, which includes a program in Spanish Language Certificates, as well as a Bachelor Degree in Spanish Education.



International Cultures Exhibition



The Regional Language Centre through the English as a Second Language (ESL) Program held an International Cultures Exhibition where students showcased the cultures of their countries. Currently there are 31 students enrolled in the ESL program from Mexico, Republic of China (Taiwan), Republic of China, Colombia, Cuba, and Guatemala.

Tobacco Free: Healthier Lifestyle

Can you imagine that one day there will be no tobacco smoking in Belize, and on planet earth? Well, that was the mission of 40 Second year Student Nurses of the University of Belize who in undertaking an educational campaign travelled to San Martin Primary School on April 23, for three consecutive days. Approximately 200 students from Standard Five and Six classes benefited from these sessions.



The campaign designed by the student nurses who are implementing their final project for



NURS 2202 Physical Assessment was aimed at increasing awareness and educating primary school students about the respiratory hazards that results with cigarette smoking. The community outreach activity included songs, a skit, and a visit to the Belmopan market square in April 30.

The day was celebrated under the theme “Tobacco Away for Healthier Days.”

Managing Central Belize Corridor

The Government of Belize through the Ministry of Forestry, Fisheries and Sustainable and the University of Belize through its Environmental Research Institute (ERI) initiated the development of a Management Action Plan for the Central Belize Corridor.

The Central Belize Corridor is a critical segment of the Mesoamerican Biological Corridor and connects the northern block of protected forests in Belize, including the Rio Bravo, with the southern block, the Maya Mountains.

“Corridors facilitate the movement of terrestrial animals such as large mammals allowing for genetic mixing between populations and thus ensuring their long-term persistence. Securing the function of the corridor means securing the future and traditions of our communities, which depend on the forest for clean water and forest products such as timber and game animals,” Dr. Elma Kay, ERI, UB.

She said the aim of developing a Management Action Plan for the corridor, “is to engage all stakeholders, including private land owners, communities and developers, in working towards a common vision for the long term maintenance of the Central Belize Corridor.”

Strategic partners in this initiative include the Panthera Foundation, the German cooperation through GIZ, the Forest Department, the Fisheries Department,

Department of the Environment, the Belize Zoo, Belize Audubon Society, Community Baboon Sanctuary, the Nature Conservancy and the Rancho Dolores Environmental Group as well as all private landowners and communities in the area.



The Environmental Research Institute continuously builds national scientific capacity for the effective management, sustainable use and conservation of Belize’s natural resources. 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. The institute’s work is focused on the Turneffe Atoll, the Central Belize Corridor and our National Protected Areas System etc.

Guest Speaker at the launch which was held in May at the Belize Zoo and Tropical Education Center was Minister of Forestry, Fisheries and Sustainable Development, Hon. Lisel Alamilla.

Bridging Civil Engineering and Mathematics

The University of Belize was represented by the Faculty of Science and Technology (FST) at a Consejo Superior Universitario Centroamericano (Central American University Higher Council) workshop in Guatemala City on April 9 - 11, 2013 on the Regional Articulation of the Bachelor in Mathematics and Civil Engineering programs in Central American universities, which was a continuation of a first workshop held in March, 2012 at which UB FST was represented. Dr. Joaquin Urbina, Dean of FST; Mr. Steven Lewis, Mathematics and Physics Program Coordinator in the Science Department, and Mr. Lloyd Carrillo, Engineering Department lecturer, were part of the working discussions involving the development of an articulated curriculum plan at the Central American level in Mathematics and Civil Engineering. The articulation exercise includes pilot student and faculty exchange programs in these two fields of study, UB FST's Mathematics program was engaged in an exchange program with the Mathematics Department of the Universidad Autonoma de Chiriqui (UNACHI) in Panama during 2012-2013.



Mr. Steven Lewis, Dr. Joaquin Urbina, and Mr. Lloyd Carrillo

Media and the Portrayal of Violence... Effects on Children and the Wider Community



One could argue that the freedom of the press is indeed a universal right coupled with the respect of informing and communicating to, and with the public domain also merits its own and distinct universal right. Hence, a lecture entitled “Media and the Portrayal of Violence, Its Effects on Children and the Wider Community,”

was delivered by renowned lecturer from University of the West Indies, Dr. Leith Dunn to students of the University of Belize. Following her presentation, a healthy exchange ensued between students and the visiting lecturer.



Researching and Presenting to Classmates



UB student, Kenroy Morrison, shared his experience and findings based on independent research he conducted with one of the assistant professors in the Science Department. His work focused on modulation of the aqueous solubility and dissolution rate of Huperzine A through pharmaceutical co-crystallization. The presentation defined Huperzine A and the procedures and

analytical methods used to create the co-crystals of Huperzine A with various carboxylic acids.

This presentation was the first in the department's new colloquia series. The future colloquia presenters will include other students presenting on their research, lecturers on various topics/research; as well as invited guests. The aim is to have at least one presentation per month.

Currently presentations are rotated so that they will be programme based; the science department has six programmes - biology, chemistry, math, marine biology, National Resource Management, and physics. The first two colloquia were from chemistry and biology.

The main purpose of the series is to expose students to what is happening in their field on campus, in the country and internationally. By having students present, those who have not completed their research have an idea of what to expect and also to give those who have finished a chance to share their knowledge. Presentations by lecturers will allow students to find out what research is currently being done on campus so they can start considering what they might be involved in as well as to learn more about specific topics they might not hear about in class. The second presentation was on Genetically Modified products and was given by one of our lecturers, Dr. Caroline Herron. Invited guests will broaden our scope - having those involved in different specialized areas share their work and knowledge.

The presentations are, of course, open to all. Anyone curious to find out more about a specific topic being presented on, or who might be curious about what the department is up to, is welcome to drop by and listen.

Historic Student Government Elections

On Tuesday, April 23, the University of Belize held a historic student government elections as students came out in unprecedented numbers to vote for who will represent them for the next school year. A total of 653 students cast their votes. Another historic feature is that for the first time four candidates contested the Presidential position. Yanira Garcia was the choice of the students as she received a total of 234 votes, 224 students voted for Caramyn Reid, Anthony Bedran received 140, and Hope Amadi 55.



Yadira Argueta
Administrative Officer



Yanira Garcia
President



Luis Mendez
Vice President



Jasmin Thompson
Financial Controller



Felix Mai
Secretary of Legislation



Shahira Quiroz
Secretary of Advocacy



Victor Cayetano
Secretary of Programming



Kent Welch
Secretary of Sports



Elenita Norales
FNAHSW Senator



Lione Torres
FMSS Senator



Jamira Serrano
FEA Senator



Daniel Smith
FST Senator

Future Scientists: Chemical Research

Students at the University of Belize are dedicating eight hours a day for two full weeks to chemical research. Chemistry majors Sara Bol, Regina Cal, Jamin Escalante, Monica Hua, Franklin Kalu, Wani Morgan, Sergio Ojeda and Kelvin Requena are putting the methods and techniques they have learned at the university to good use.



Belize is blessed with considerable biodiversity and medical ethnobotanical wealth that form part of our national inheritance. Many pharmaceutical discoveries of the last century have come from natural products, such as those found in our forests, that have changed the landscape of medicine. With millions of molecules left undiscovered and untested there is potential for discovery of cures and treatments for mankind's ailments.



Using knowledge from traditional medicine to select the plants, as well as scientific evidence of anti-cancer properties, these students have started with ethanol solvent extractions of four species. They continue on to separate the extracts by column chromatography to isolate less complex mixtures that could more readily be studied. The goal is to create a library for further testing against selected cancer cell lines with a collaborating group at The University of Texas at Austin.

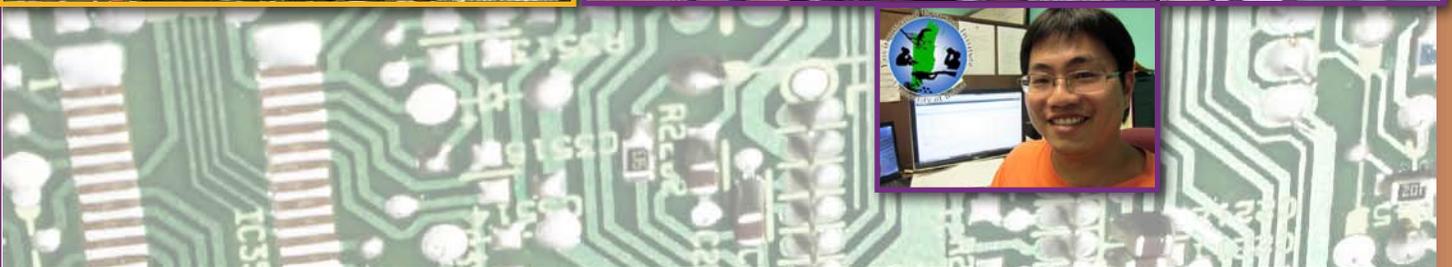


IT Professionals @ Work

Associate Pros



Bachelor Pros



Technology innovation is accelerating and the University of Belize, conscious of this development is preparing students ready for the changes. In addition to three semesters of learning and practicing in class, students acquire hands on experience by being placed in an organization for two days per week for nine weeks. Bachelor level students also went onto internship for the full nine weeks.

Students demonstrate their competence during this time and some are offered a job as a consequence.

Congratulations to the technological professionals and the Information Technology Department.

Students Caring by Innovating

The Introduction to Tourism Marketing class (Tour 2202) from the Faculty of Management and Social Sciences, requires students to develop a project throughout the semester. This project promotes tourism marketing, its sustainability, and social environmental responsibility. It is an initiative to foster intellectual growth and development among students, and simultaneously mould them into becoming responsible and contributory citizens.



This year the students embarked on developing and implementing their Marketing Plan which was to enhance the West Landivar Campus in Belize City.

One of the top priorities demonstrating their care was building of a desk for physically challenged student, Ceejay Young. The students also took charge of resurfacing and rebuilding of two ramps. Taking into consideration that students with special needs or disabilities need a convenient parking space the students stencilled disability signs on ramps. Parking areas were needed to be defined as in this regard the students outlined and painted designated parking areas. Signs were also designated for Dean and Chair's parking space.



Promoting Nursing Ethics

Ethical issues impacting the nursing profession in Belize was the platform at this year's conference among nursing students and practicing nurses.

The conference objectives was to share innovations, new experiences in the areas of nursing education, management, clinical nursing practice, multi-cultural nursing, the promotion of ethical and legal scholarly exchange, as well as improving collaboration among practicing nurses and student nurses.

The class of 48 students was organized into nine groups, and celebrated this year ethics conference with the theme "Knowledge, Empowerment: Breaking the silence." Nursing groups made presentations at Matron Roberts White Polyclinic, Cleopatra White Polyclinic, Western Regional, and San Ignacio Hospitals. Keynote speaker was Mrs. Catherine Godinez-Registrar- Nursing Council of Belize.

The 60 participants came from various areas of specialization in nursing such as public health, rural health, nursing assistant (practical nurses) and registered nurses including matron and nursing administrators. Each nurse received a certificate which is credited for hours of continuing education. Each institution visited also received a plaque for their support to nursing education.



2010 was declared as the Year of the Nurse by the United Nations, and nursing students who were enrolled in NURS 2152-Current Issues in Nursing, celebrated with the theme "Education Resolves Current Issues in Nursing"! Mr. David Benton, C.E.O of the International Council of Nurses had acknowledged the students and faculty effort on its first historic ethics conference and encouraged them to be ethical sound and be fully engaged in shaping the future of the profession. Also in 2010, on the tenth anniversary of the University of Belize, nursing education under the auspice of U.B. made Belize the first country in the Caribbean to accomplish such milestone in nursing education.

The Nursing department continue to be committed to produce ethically sound and competent nurses through innovative and life long learning activities. In addition, the nursing department is committed to grasp and also create the opportunities for students nurses to interact with practising to heighten their learning experiences. To all nurses we say **HAPPY NURSES WEEK 2013!**

Enhancing Math Learning with Technology

Mathematics is the foundation of Technology, and in turn technology can be used to enhance the learning of Mathematics as presented by students of the Special Topics Class from the Math Department. The



students produced video tutorials that can be

used in the classroom or uploaded on the internet for others to use. Dr. Aaron Lewis, lecturer, said that with their knowledge they will not only be able to teach students but also teachers.



Donation to Beautification Project



The UB Beautification Project received a donation by Dr. Joseph and Claudette Williams. The donation was handed over to Mrs. Pearl Fraser, wife of the President of the University, who has been active in this project. The goal of this ongoing project is to make the University more student and eco-friendly. UB President, Dr. Cary Fraser, thanked the donors on behalf of the University.

Futsal Tournament



The Central Campus Student Government organized a Futsal Tournament where four teams qualified to the finals: West Allies, Probs n Stats, Salvation Conquerors, and Estrellas. West Allies emerged victorious after defeating Probs n Stats in the semi finals, and Estrellas in the final game of the day.

Sports Update: UB and Mexican University

UB Black Jaguars hosted Instituto Tecnológico de Chetumal (ITC) from neighbouring Mexico on Saturday, April 20 at the University's Central Campus, Belmopan.

The two institutions competed in football, volleyball, chess, and basketball. In football the two teams displayed a high level of skills and the game ended in a tie 3-3. In volleyball, ITC won 3 of the five sets, and also in chess the visitors used their skills to win. But, in Basketball our Black Jaguars subdued ITC 79-36.

The following Saturday, UB Black Jaguars traveled to Chetumal in response to ITC's visit. Unfortunately our male and female teams lost 2-1 and 3-0 respectively in football. As usual we were superior in Basketball defeating ITC 71-35. In volleyball we were not that fortunate and both of our teams did not win. In chess ITC won first place while our Black Jaguars clinched second and third places.



In the other sporting events we did well which include:

Track and Field 100 meters: Linford Avila came in first with a clock time of 11.05, Brandon Flores ranked second.

200 meters: Linford Avila first place doing it in 23.55, Linus Tingling clinched third place.

Long Jump: Alvin Tillett 7.35 foul jump, 5.85 jump

Javaline: Yserri Palacio came in first with 40.17 meters, and Robert Hernandez 37.5 m ranked second

Shot Put: Robert Hernandez, 11.35mts clinching first place.

ATLIB Football Champions

UB Lady Black Jaguars are the new ATLIB Football Champions after defeating Belize Adventist Junior College (BAJC), and Independence Junior College (IJC) on Sunday, April 14, 2013. The first game was against BAJC which ended in a 1-1 tie during regular time which meant the victory was going to be decided at the penalty shots. UB's able goal keeper Idania Ramirez, stopped three penalties, and UB classified to the championship game.

In the final game of the day UB scored the only goal of the game, Rosaria Cal was the striker of that decisive goal.



Cindy Bush and Ruby Jimenez.

The Recreation and Sports Department thanks all those who supported the females and congratulates the UB Lady Black Jaguars team: Anjay Quiroz, Arlene Bennett, Idania Ramirez, Esther Cal, Eris Galdamez, Tiffany Borland, Chinyere Wade, Alice Avila, Albertha Garcia, Jasim Mark, Rosaia Cal, Crislyn Coye, Elsaïda Castillo, Yanira Cayetano, Tiffany Gongora, Kimberly Moore, Shayla Tescum, Vicki Canul, Namagiri Lopez, Rebecca Martinez,

ORIENTATION 2013 SCHEDULE

July 29 – August 2, 2013
Central Campus, Belmopan
Jaguar Auditorium

8:30 A.M. – 4:00 P.M.

FACULTY OF NURSING ALLIED HEALTH AND SOCIAL WORK

July
29
Monday

- Medical Laboratory Technology
- Nursing
- Pharmacy
- Social Work (Associate & Bachelor)



FACULTY OF EDUCATION AND ARTS

July
30
Tuesday

- Biology Education
- Business Education
- Education Methodology
- English (Associate & Bachelor)
- English Education
- History
- Math Education
- Primary Education (Associate, Bachelor & Certificate)
- Spanish Education



FACULTY OF SCIENCE AND TECHNOLOGY

July
31
Wednesday

- Architecture
- Biology (Associate & Bachelor)
- Biology/Chemistry
- Biology/Chemistry/Math
- Biology/Chemistry/Physics
- Biology/Math
- Biology/Math/Physics
- Building & Civil Engineering
- Chemistry/Math
- Chemistry/Physics
- Information Technology (Associate & Bachelor)
- Marine Biology
- Math/Physics
- Mathematics (Associate & Bachelor)
- Mechanical & Electrical Engineering
- Natural Resource Management (Associate & Bachelor)



FACULTY OF MANAGEMENT AND SOCIAL SCIENCES

August
01
Thursday

- Accounting
- Business Science
- Management
- Public Sector Management
- Tourism Management
- Tourism Studies



ALL CAMPUSES AND PROGRAMS

August
02
Friday

- Student go to their respective campuses

