Be part of a Great West Indian Tradition

The University of the West Indies (UWI) is a well-established independent university that serves 17 countries of the Commonwealth Caribbean: Anguilla, Antigua & Barbuda, The Bahamas, Barbados, Belize, Bermuda, The British Virgin Islands, The Cayman Islands, Dominica, Grenada, Jamaica, Montserrat, St. Kitts & Nevis, St. Lucia, St. Vincent & the Grenadines, Trinidad & Tobago, and the Turks & Caicos Islands.

An innovative, internationally competitive, contemporary university deeply rooted in the Caribbean, The UWI is an international university, in every respect, with links extending beyond the region to well over 100 universities worldwide.

As the number one Caribbean University, The UWI is internationally recognized as a centre of excellence in research, knowledge creation and innovation on matters related to the Caribbean and Small Island States. Our research capacity is an important asset and our research agenda addresses priority areas aligned to specific developmental needs of the Caribbean region that we serve.

OUR HISTORY
The UWI is the oldest, fully regional institution of higher learning in the Commonwealth Caribbean. The UWI began at the Mona Campus, Jamaica, in 1948 as a College of the University of London; and in 1962 achieved full university status. The St. Augustine Campus in Trinidad and Tobago was established in 1961 and in 1963 a third Campus was established at Cave Hill in Barbados. In 2008 the University established a fourth Campus – The Open Campus – to better manage and expand multi-mode delivery of its programmes.

OUR FACULTIES
The eight faculties of The UWI offer a wide range of Undergraduate, Master’s and Doctoral programmes in Engineering, Food & Agriculture, Humanities & Education, Law, Medical Sciences, Science & Technology, Social Sciences and Sport. Several of these programmes are delivered through the distance mode.

Visit us online at www.uwi.edu to find out more about The UWI or www.sta.uwi.edu for more on the St. Augustine Campus. For the latest news, follow us on Facebook, Twitter, Flickr, YouTube and UWitv.
FACULTY OF SCIENCE & TECHNOLOGY

The Faculty of Science & Technology was formed in 2012 out of the former Faculty of Science & Agriculture which has now split into two Faculties: the Faculty of Science & Technology and the Faculty of Food & Agriculture.

The Faculty of Science & Technology comprises the Departments of: Chemistry, Life Sciences, Mathematics & Statistics, Computing & Information Technology and Physics.

The Faculty offers Bachelor of Science Degrees in Actuarial Science, Biology, Chemistry, Chemistry & Management, Computer Sciences, Mathematics, Physics, Statistics & Economics as well as a BSc (General) with majors in Biology, Biochemistry, Chemistry, Computer Sciences, Mathematics and Physics.

THE DEPARTMENT OF LIFE SCIENCES

The Department of Life Sciences is a direct descendant of the Departments of Botany, Plant Pathology and Zoology of the Imperial College of Tropical Agriculture, founded in 1922. The Department of Plant Pathology was incorporated into the Botany Department in 1955, and the new Department named the Department of Botany and Plant Pathology. In 1968, the Zoology Department was merged with the Department of Botany and Plant Pathology to form the Department of Biological Sciences and later the subject area of Biochemistry was added. The Department was subsequently split again into Botany, Zoology, and Biochemistry. In 1996 they were recombined to form the present Department of Life Sciences, which offers degrees in Biological and Environmental academic disciplines. The Department of Life Sciences (DLS) is one of the largest Departments at the St Augustine Campus. The Department offers an MSc. in Biotechnology and a blended learning MSc. in Biodiversity Management and Sustainable Development in the Caribbean. The DLS has obtained external grant funding and research contracts to the tune of about US$ 5 million over the last 5 years. In 2014 the DLS also won the Vice Chancellor’s Award for Excellence as the best Department at The University of the West Indies. The DLS also won The UWI St Augustine Campus award for the Most Productive Research Department in 2014 and in 2016.

STUDENT NUMBERS

During the 2018-19 academic year, the Department registered approximately 350 new students in undergraduate programmes in Biology, Biochemistry and Environmental Sciences and Sustainable Development. This represents about 40% of all new students entering the Faculty of Science & Technology. Since 2013, the DLS has introduced 60 new courses which are part of the revised BSc. degree/majors/ specializations.

PROGRAMME OFFERING

The Department offers programmes of study leading to:

Undergraduate:
- B.Sc. Biology with Specialisations in Biotechnology, Ecology & Environmental Biology, Marine Biology, Microbiology, Plant Biology, Zoology
- B.Sc. Environmental Science and Sustainable Technology
- B.Sc. (General) with Majors in Biology, Biochemistry, Environmental Science, Environmental Science

Postgraduate:
- MSc. in Biodiversity Conservation and Sustainable Development in the Caribbean
- MSc. in Biotechnology
- MPhil and PhD degrees in Biochemistry, Environmental Biology, Microbiology, Plant Science and Zoology.
CURRENT MEMBERS OF ACADEMIC STAFF AND THEIR RESEARCH AREAS

J. Gobin (Head, DLS)  BSc, MPhil (UWI), PhD  (Exeter, UK) Senior Lecturer, Zoology  
Marine Ecology including Benthic Ecology; Rocky shore fauna & marine invasive species

J. B. Agard  
BSc (UWI), MSc (Manch.), PhD (UWI) 
Professor of Tropical Island Ecology  
Social-Ecological systems in development planning; small island biodiversity and ecosystem services; climate change vulnerability impact and adaptation scenarios, carbon sequestration and greenhouse gas emission reduction

V. J. Bowrin  
BSc (UWI), PhD (Purdue) 
Lecturer, Biochemistry  
Pigeon pea flower abscission; Development of a Mono-unsaturated coconut oil

B. N. Cockburn (Dean, FST)  
BSc, PhD (UWI)  
Senior Lecturer, Biochemistry  
Metabolic diseases; Nutritional content of foods

G.C. Briggs  
BS (UWI), MSc. (University of Toronto), PhD (McGill), MEd. (UWI)  
Lecturer in Plant Science  
Plant biotechnology

A. Deacon  
BA (Oxon), MSc (Bangor), PhD (St. Andrews)  
Lecturer, Zoology, Freshwater ecology

E. J. Duncan  
BSc (Lond UCWI), PhD (St. Andrews)  
Professor Emeritus, Botany  
Plant Tissue Culture, Algal Biology, Plant Reproductive Biology

W. Elibox  
BSc, PhD (UWI)  
Lecturer, Genetics  
Genetic improvement of anthurium, hotpepper, sugarcane, cocoa and tomato through breeding and biotechnology

A. Farrell  
BSc (Edinburg); P.Dip., PhD (Trinity College, Dublin)  
Lecturer, Plant Physiology and Ecophysiology, Plant Productivity and response to abiotic stresses; Genotype and environment interactions

T. Halfhide  
BSc (UWI) M.S, PhD Lecturer, Environmental Science  
Microalgae diversity

M. Hulme  
BSc, MSc, PhD (St. Andrews)  
Lecturer in Zoology  
Ornithology, Animal Behaviour, Conservation Biology

R. Haraksingh  
SB (Biologiy, MIT), SB (Mathematics, MIT), MSc (Yale), PhD (Yale)  
Lecturer, Biotechnology  
Human genetics and genomics

J. Jayaraman  
BSc, MSc, PhD (Annamalai)  
Professor, Microbiology and Biotechnology  
Plant-Microbe interactions, Induced Resistance, Plant-Metabolic Engineering, Biopharming, Phyto-nutraceuticals, Seaweed products

A. Khan  
BSc, PhD (UWI)  
Senior Lecturer, Plant Sciences  
Integrated Pest Management; Biological Control

A. Lennon  
BSc, D.Phil (Sussex)  
Lecturer, Biochemistry  
Plant Respiratory Complexes; IMMUTANS and alternative oxidases; flavonoid biosynthesis in anthurium
A. Mohammed
BSc, PhD (UWI)
Senior Lecturer, Zoology
Ecotoxicology; Environmental Pollution Chemistry; Carbon sequestration and GHG emissions monitoring

M. P. Oatham
BSc (Western Aust.), PhD (Kent)
Senior Lecturer, Plant Sciences
Forest Ecology and Management

I. W. Ramarine (Deputy Principal)
BSc (UWI), MSc (Wales), PhD (UWI), MBA (Heriot-Watt)
Professor, Ichthyology Fisheries Biology and Management; Aquaculture; Aquaponics; Fish and Crustacean Biodiversity; Ecology, Behaviour and Evolution of Guppies; Wetlands Ecology

S. Rampersad
BSc, PhD (UWI)
Senior Lecturer, Biochemistry
PR proteins; Plant defense elicitors; Fruit rot disease complex in pumpkins; Vascular wilt in pumpkins

A. Ramsubhag
BSc, PhD (UWI)
Senior Lecturer, Microbiology and Plant Pathology; Environmental Microbiology, Microbial Biotechnology

L. Rostant
BSc, (UWI), MPhil (UWI), PhD (University of Florida)
Lecturer, Wildlife Biology and Conservation Biology; MSc. Co-ordinator;

J. Rouse-Miller
BSc, MPhil PhD (UWI)
Lecturer, Plant Sciences
Plant Tissue Culture; Anatomical and Molecular aspects of pigeon pea abscission

M. Mechkarska,
MSc (SU, Bulgaria), MSc (SMU DDE, India), PhD (WIAS, The Netherlands) Senior Lecturer, Biochemistry
Antimicrobial proteins, Immunology

A. Mohammed
BSc, PhD (UWI)
Senior Lecturer, Zoology
Ecotoxicology; Environmental Pollution Chemistry; Carbon sequestration and GHG emissions monitoring

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J. Rouse-Miller
BSc, MPhil PhD (UWI)
Lecturer, Plant Sciences
Plant Tissue Culture; Anatomical and Molecular aspects of pigeon pea abscission

M. Rutherford
BSc (Glasgow); MSc (James Cook)
Museum Curator
Freshwater molluscs

DUTIES OF THE HERBARIUM CURATOR

To perform this job successfully, the selected candidate must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. The Curator will be required to:

- Develop policies and practices for the management (curation and provision of services) of the herbarium collection of NHTT and ensure compliance with best practice and international conventions
- Supervise and manage herbarium staff to efficiently deliver the NHTT services of plant identification, dissemination of botanical information and other extension services
- Develop, lead and maintain a research programme in Plant Systematics and Taxonomy, Phylogenetics, Plant Phylogeography and publish research results in high quality journals
- Engage in and promote strategic links between the NHTT and external agencies, and represent the NHTT at international and regional meetings
- Collaborate with other researchers across the wider University to attract external research funding and co-supervise undergraduate and post-graduate research students

QUALIFICATIONS AND EXPERIENCE

The successful candidate must possess a Ph.D. and postdoctoral experience in either Neo-Tropical Plant Systematics and Taxonomy, or Plant Ecology and Conservation.

Candidates should also possess:

- First-hand knowledge of the flora of the insular and continental Caribbean/Latin America and experience in collaborating and undertaking research in recognized herbaria
- Experience in managing and developing herbarium collections in response to research, teaching and outreach needs; including that of local, regional and international users

PERSONAL ATTRIBUTES

The Department places high priority on individuals of integrity who can work well in a team and student friendly environment. Candidates should also possess good communication and interpersonal skills. A good command of both oral and written English is essential. Candidates must also:

- Be eager to engage with a range of stakeholders
- Have technical and research competencies that complement existing research groups across the wider University
- Have a demonstrated commitment to field-based research and training
- Have knowledge of the Caribbean and South American flora
- Have evidence of outreach activities and enhanced communication and engagement with a range of stakeholders
- Have a demonstrated ability to manage and supervise a small team of people to allow them to successfully achieve goals and objectives set by a Management committee
- Have research competencies and interests that complement existing research groups within the Department of Life Sciences
REMUNERATION PACKAGE

ANNUAL SALARY RANGE:

Lecturer level (non-medical):
Minimum: TT$239,544 per annum
Maximum: TT$333,456 per annum

BENEFITS:

- Special allowance of 6% of basic salary;
- Transportation Allowance of TT$3,250 per month;
- Up to five economy class passages plus baggage allowance of US$3,000.00 (TT$ equivalent) on appointment and normal termination;
- Unfurnished accommodation at 10% or furnished at 12½% of basic salary, or housing allowance of 20% of basic salary to staff making own housing arrangements;
- UWI contribution of equivalent of 10% of basic salary to Superannuation Scheme;
- Annual Study and Travel Grant (available after first year of service); - TT$20,717.00 per annum
- Institutional Visit Allowance – TT$ 7,200.00 per annum
- Book Grant – TT$6,000 per annum
- Contributory Health Insurance – 50%
- Group Life Insurance Scheme

The Registry
St. Augustine
File #157/88 I
2019 September 6
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