



**UWI**  
ST. AUGUSTINE  
CAMPUS

# **Senior Lecturer/Lecturer in Crop Breeding and Genetic Improvement**

**FURTHER PARTICULARS**

# 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. [Read more ...](#)

## *Ranked Among the Best*

### **Only Caribbean University Ranked Among BEST IN THE WORLD**



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.

The Times Higher Education rankings in 2018 and 2019, placed The UWI as the number 1 ranked university in the Caribbean out of over 200 registered institutions across the region; and among the top 3% of some 2,000 registered universities in the wider Latin America and the Caribbean. In 2020 The UWI was ranked among the THE's top 100 "Golden Age" universities established between 1945 and 1967. [Read more ...](#)

## *About UWI*

The first of UWI's five campuses began in 1948 at Mona, Jamaica, as a College of the University of London. The St. Augustine Campus in Trinidad & Tobago was added in 1961 and UWI achieved full university status in 1962. St. Augustine was followed by campuses at Cave Hill, Barbados (1963), the Open Campus (2008), and the Five Islands Campus in Antigua & Barbuda (2019). [Read more ...](#)

## *Our 8 Faculties*

Teaching at the St. Augustine Campus takes place within eight faculties - Engineering, Food & Agriculture, Humanities & Education, Law, Medical Sciences, Science & Technology, Social Sciences, and Sport. Each Faculty offers a wide range of undergraduate and postgraduate programmes. [Find out more ...](#)

## *Get to Know Us*

Visit <https://www.uwi.edu/> to find out more about The UWI. For more on the St. Augustine Campus, visit <https://sta.uwi.edu/>. Read the latest Campus news in our monthly publication, [UWI Today](#) and follow us on social media [Facebook](#), [Twitter](#), [Instagram](#), [YouTube](#), [LinkedIn](#).

# About the FACULTY OF FOOD AND AGRICULTURE

The Faculty of Food and Agriculture (FFA) was formed in 2012 by the de-merger of the former Faculty of Science and Agriculture; which itself was formed in 1996 through the merging of the Faculties of Agriculture and Natural Science.

The FFA has a long and distinguished history. It evolved from the Imperial College of Tropical Agriculture (ICTA) and is founded on a long and illustrious academic heritage dating back to the 1920's. Today the FFA encompasses a number of disciplines and themes with direct and indirect focus on food and nutritional security, human sustenance, environment, sustainable natural resource management, geography and entrepreneurship.

The Faculty offers its programmes from three departments: Agricultural Economics & Extension, Food Production and Geography, with very strong interdepartmental cooperation. Programmes are packaged in a flexible manner to allow combinations of choice in order to enable students to realise their dream career. The curricula are regularly updated and revised to keep pace with the changing requirements, skill set and competencies and ever-expanding knowledge and technological bases. Global Food Security, Renewable Energy, Environment and Climate Change issues are some of the most pressing global challenges of this era and the Faculty is actively addressing these issues.

The FFA also includes the University Field Station, Agricultural Innovation Park and the Communications and Publications Unit, which publishes the Journal of Tropical Agriculture. The FFA offers Bachelor of Science Degrees in Agriculture, Agribusiness Management, Human Ecology and Human Nutrition and Dietetics and Geography. In addition, B.Sc. Degrees with majors in Agricultural Technology, Disaster Risk Resilience for Agriculture and the Environment, Environment and Natural Resource Management, Geography, Nutritional Sciences, Tropical Landscaping, Agribusiness, Agricultural Extension, Entrepreneurship, Family and Consumer Sciences, Foods and Foodservice Systems Management are offered by the Faculty. The Faculty also offers minors in a number of areas and Certificates in Agriculture, Human Ecology, Environmental Geography and Undergraduate Diploma in Agriculture. The internationally known Coca Research Centre (CRC) which maintains the International Cocoa Gene Bank is also housed in the Faculty.

## *The Department of Food Production*

The Department of Food Production (DFP) is one of three Departments within the Faculty of Food and Agriculture. The FFA was formed on August 01, 2012 by the de-merger of the former Faculty of Science and Agriculture which itself was formed in 1996 through the merging of the Faculties of Agriculture and Natural Sciences. Simultaneously with the latter merger, was the unification of three distinct departments viz., Crop Science, Livestock Science and Soil Science of the former Faculty of Agriculture into a single department, aptly named the Department of Food Production. The DFP has a rich and illustrious pedigree since it is rooted in the

Imperial College of Tropical Agriculture which was transformed to the Faculty of Agriculture as part of The University of the West Indies (UWI) in 1960.

The current programme offerings include:

**a. Certificate in Agriculture**

**b. Undergraduate Diploma in Agriculture**

**c. Undergraduate Programmes:**

- B. Sc. in Agriculture
- B.Sc. Major in Agricultural Technology
- B.Sc. Major in Disaster Risk and Resilience for Agriculture and the Environment
- B.Sc. Major in Tropical Landscaping

**d. Postgraduate Programmes**

Taught Masters:

- Post Graduate Diploma and M.Sc. in Tropical Animal Science and Production
- Post Graduate Diploma and M.Sc. in Tropical Crop Protection
- Post Graduate Diploma and M.Sc. in Agri-Food Safety and Quality Assurance
- M.Sc. in Value Addition for Food and Nutrition Security
- M.Sc. in Food Security
- Post Graduate Diploma in Pesticide Technology and management
- M.Phil. and Ph.D. in Crop Science, Tropical Crop Protection, Livestock Science, Soil Science, Horticulture, Food Safety and Quality, Tropical Earth and Environmental Science.

### *Tenure of Appointment*

Appointment as Senior Lecturer/Lecturer will normally be for three (3) years in the first instance, with eligibility for consideration for renewal.

Subsequent to the first appointment, a member of staff who has served in an equivalent position in this or some other

University for a period of six (6) years will be eligible for consideration for indefinite tenure.

Appointment to this post is subject to the [Charter of the University and to its Statutes, Ordinances, Rules and Regulations](#), including Statute 36 – Retirement of Members of Staff.

Further details may be obtained from the Campus Registrar, The University of the West Indies, St. Augustine, Republic of Trinidad and Tobago.

### *Research*

Research in the Department of Food Production is focused on crops, soils, livestock, postharvest technology and value addition, food safety and quality, disaster risk resilience, climate smart agriculture and sustainable environmental management areas. For information on the research conducted at Department of Food Production, visit the Faculty webpage at <https://sta.uwi.edu/ffa/>

The University of the West Indies supports the research activities of permanent members of staff by providing study leave, special leave for scholarly purposes, and sabbatical leave, as well as offering funding for research trips, fieldwork, institutional visits, conference participation and organisation, and research assistants. For more information on research funding, see <http://sta.uwi.edu/research/funding.asp>

# Senior Lecturer/Lecturer in Crop Breeding and Genetic Improvement

## *Qualifications and Experience*

The successful candidate must possess Ph.D. in Crop or Plant Science with an emphasis in Crop Breeding and Genetics or any closely related field.

Candidates should also possess:

- At least three (3) years of teaching experience at a recognized tertiary institution/university
- Substantial record of research and a minimum of three (3) publications in high-impact peer-reviewed journals
- Proficiency in molecular biology, bioinformatics and biotechnology techniques
- Competency in plant genetics, crop breeding principles and plant biotechnology with particular focus on the application of these subjects to solving real life problems which are commonly faced in Agriculture

Candidates with the following would have an advantage:

- B.Sc. in Agriculture, Biology or relevant fields
- Experience in the successful supervision of undergraduate and postgraduate students
- Experience in breeding of plants as well as scientific papers prepared for publication

- Knowledge and experience in the use of PCR techniques
- Expertise in the use of multi-omics databases, bioinformatics, data analysis and statistics applications
- Capacity to secure research funding and manage research projects

The following would be considered assets:

- Advanced level training in Biotechnology
- Certificate in university teaching and learning
- Experience in revision of existing curriculum or development of new curriculum to keep abreast of development and innovation in the area of expertise
- Effective communication with students or advisory committee on basic statistical methods and interpretation of experimental results

## *Special Responsibilities*

- Teaching courses at the undergraduate and post-graduate levels in Crop Breeding and Genetics
- Supervising graduate students at the MSc, MPhil and PhD levels in the area of expertise
- Providing support for revision of existing curriculum to keep abreast of development and innovation in the area of expertise
- Providing support to students and staff on laboratory based and research proposals and scientific papers prepared for publication
- Developing research proposals in the area of expertise that is relevant to regional development that will attract external funding, support the involvement of graduate and undergraduate students and allow for collaborative research with stakeholders

- Forge working relationships and meaningful engagement with internal and external stakeholders
- Assume leadership in outreach and other activities of the Department

### Personal Attributes

The Campus 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 should also be:

- Be committed to excellence in teaching and have a strong interest in mentoring students
- Be self-motivated and capable of motivating others
- Be willing and able to work efficiently with people from different backgrounds
- Have a good track record of developing thematic research programmes
- Have a good history of attracting external research funding

Candidates are further encouraged to enhance their application by providing the following:

- Cover Letter
- Teaching statement (1 page)
- Research statement (1 page)

## Remuneration Package

### Annual Salary Range:

Senior Lecturer (Non-Medical):

Minimum: TT\$ 340,164.00 per annum  
Maximum: TT\$ 421,704.00 per annum

Lecturer (Non-Medical):

Minimum: TT\$ 239,544.00 per annum  
Maximum: TT\$ 333,456.00 per annum

### Benefits

- Special allowance of 6% of basic salary;
- Transportation Allowance of TT\$3,250.00 per month;
- Up to five economy class passages plus baggage allowance of US\$3,000.00; (TT\$ equivalent) on appointment and normal termination (persons recruited from outside of T&T);
- 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\$24,548.00 per annum;
- Institutional Visit Allowance (available after first year of service) – TT\$7,200.00 per annum;
- Book Grant – TT\$6,000.00 per annum;
- Contributory Health Insurance – 50%;
- Group Life Insurance Scheme

*The Registry  
St. Augustine  
File # 164/57/1 I  
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