



THE UNIVERSITY OF THE WEST INDIES  
ST. AUGUSTINE, TRINIDAD AND TOBAGO, WEST INDIES

**FACULTY OF ENGINEERING**

**Department of Civil & Environmental Engineering**

**ATLANTIC LNG CHAIR IN ENVIRONMENTAL ENGINEERING**

**Qualification**

1. Ph.D. in Civil Engineering or related engineering discipline

**Experience**

1. Considerable related academic and professional experience, including:
  - a. Teaching and research at the tertiary level.
  - b. A record of distinguished original work; Good research record in peer reviewed international journals.
  - c. Outstanding success in and wide recognition of professional activities
  - d. Corporate membership in a reputable professional institution
  - e. Active engagement in industry
  - f. Proven success in grant applications
2. Considerable academic and professional experience, including teaching and research as evidenced by a good record of publications in international archival journals and corporate membership of an international professional institution.

**Areas of Specialisation**

1. Candidates should have academic and professional experience in water supply and waste water engineering and should be actively involved in pursuing research in this area. In addition, the candidate should also have such experience in one or more of the following areas:
  - a. Preservation of natural eco-systems;
  - b. solid waste engineering;
  - c. Remediation of contaminated sites;
  - d. Water quality impacts from point and non-point pollution sources; and
  - e. Clean industrial technologies; and
  - f. Mitigation of industrial pollution;

**Special Responsibilities**

1. Leadership to the Environmental Engineering Programme
2. Coordination of postgraduate programmes;
3. Supervision of student research projects;
4. Development and execution of research projects.
5. Delivery of lectures in the Department's graduate and undergraduate programmes:

**Personal Attributes**

1. Must possess good mentoring and leadership qualities
2. Must be a team player and possess good organizational, interpersonal and leadership skills.

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Applications (two copies) should be sent to the Campus Registrar, The University of the West Indies, St. Augustine, Trinidad and Tobago, W.I., Fax No. 1-868-663-9684. Full CV and application forms which must be completed fully and can be obtained at the above address and at <http://www.sta.uwi.edu> must be submitted. The names and addresses of three (3) referees (one of whom should be from your present organization) must be indicated. In order to expedite the appointment procedures, applicants are advised to ask their referees to send references under CONFIDENTIAL cover DIRECTLY to the Campus Registrar at the above address without waiting to be contacted by the University.

**Deadline for Application: 2012 January 20**

**THE UNIVERSITY OF THE WEST INDIES  
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**FURTHER PARTICULARS FOR THE POST OF  
PROFESSOR OF  
ENVIRONMENTAL ENGINEERING  
FACULTY OF ENGINEERING**

**General**

The University of the West Indies (UWI) is an independent University which serves mainly the English-speaking territories of the West Indies. The countries listed hereunder all contribute to the UWI.

Anguilla	Grenada
Antigua & Barbuda	Jamaica
The Commonwealth of the Bahamas	Montserrat
Barbados	St. Kitts & Nevis
Belize	St. Lucia
The British Virgin Islands	St. Vincent & the Grenadines
The Cayman Islands	The Republic of Trinidad & Tobago
The Commonwealth of Dominica	

**Background to the University:**

The University has Campuses at Cave Hill in Barbados, St. Augustine in Trinidad and Tobago and Mona in Jamaica. The total student body which is approximately 35,000, is distributed amongst the Faculties of Law, Humanities, Science and Technology, Social Sciences and the School of Clinical Medicine & Research at Cave Hill; Arts & Education, Medical Sciences, Social Sciences and Pure & Applied Sciences at Mona; and Agriculture & Natural Sciences, Engineering, Humanities & Education, Medical Sciences and Social Sciences at St. Augustine.

The University began teaching in 1948 as a University College affiliated with the University of London, and became an independent University in 1962. In 1963, Colleges of Arts and Sciences were set up at Cave Hill and St. Augustine. The former represented the institution of a new – the third – Campus, while the latter was an extension of the facilities provided at St. Augustine, where there were already the Faculties of Agriculture and Engineering. The Faculty of Law was established in 1970. The University of the West Indies is now a dual mode institution offering teaching by distance education as well as face-to-face.

## The Faculty of Engineering, St. Augustine Campus

The Faculty of Engineering was established in 1961 with twenty-six (26) students, has now an enrolment of over twenty-two hundred (2200) students in the undergraduate and postgraduate programmes, distributed among the five Departments of Chemical, Civil & Environmental Engineering, Electrical & Computer, Mechanical & Manufacturing Engineering and Surveying & Land Information. The BSc (Hons) programmes in Engineering of the Faculty are all of three years duration, with students starting these programmes with Advanced Levels or CAPE generally in Mathematics, Physics, Chemistry. These programmes are all internationally accredited by the British Professional Institutions, the IChemE, the JBM, the IEE, the IMechE, and Surveying by the RICS. Graduates of the Faculty are well prepared for becoming Chartered Engineers and/or registered Professional Engineers. The Faculty offers Postgraduate Diplomas, MScs, M.Phils & Ph.Ds in various Engineering & Surveying disciplines, with a Postgraduate enrolment of over 700 students.

### Department of Civil & Environmental Engineering

The Department of Civil & Environmental Engineering (Department of Civil Engineering until 2003), hereafter referred to as the department, will be celebrating its 50<sup>th</sup> anniversary in 2011. It has come a long way from a modest beginning, with less than 10 students, in 1961. Comparatively, at present there are approximately 300 students enrolled in different levels of its 3year BSc (Honours) degree programme. Moreover, approximately 90 students are currently pursuing MSc/Diploma in Construction Engineering and Management, Coastal Engineering & Management, Civil Engineering, Civil with Environmental Engineering, and Environmental Engineering. In addition, six students are enrolled in MPhil/PhD programmes.

Over the years, the department has produced over 1,000 graduates in Civil (and recently in Civil & Environmental), who are responsible for the design, construction management and maintenance of infrastructure in the Caribbean region. Another noteworthy achievement has been the continuous accreditation of its BSc(Honours) - and since 2005 its MSc programmes in Civil, and in Civil & Environmental – since its inception, by the Engineering Council in the United Kingdom. Further, the department has a strong tradition of participation by the industry in the delivery and assessment of its academic programmes. Furthermore, the current academic staff has come from Britain, Germany, India, Tanzania, and the Caribbean region, and has rich and diverse academic and professional backgrounds. For example, 15 out of 18 academic staff has higher degrees (MSc and/or PhD) from overseas (Canada, India, Russia, UK and USA), and four are fellows or members of the Institution of Civil Engineers in London, UK.

### Duties of the Appointee

The appointee will be attached to the Department and will report to its Head. The appointee will be expected to provide teaching, research and supervisory support in the undergraduate and post graduate programmes within the Department. Specifically, the appointee will act as the Programme Leader for the Department's MSc Programme in Environmental Engineering. The appointee's duties will be allocated by the Head of Department.

### REMUNERATION PACKAGE

**ANNUAL SALARY RANGES:** (US\$1.00 = TT\$6.30)

**Professor** - TT\$405,552.00 – TT\$468,600.00

In addition, the following benefits apply:

- Up to five economy class passages plus baggage allowance of US\$1,800 (TT\$ equivalent) on appointment and normal termination
- Special allowance up to US\$600 (TT\$ equivalent) for shipment of academic books and teaching/research equipment, for use at UWI, on appointment
- 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 the equivalent of 10% basic salary to Superannuation Scheme;
- Annual Study and Travel Grant (available after first year of service);
- Book grant;
- a special allowance of 5% of basic salary;
- Transportation Allowance of TT\$2,300.00 per month.
- Institutional Visit Allowance

St. Augustine  
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