



REF# 173/2/1 II

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

FACULTY OF ENGINEERING

Department of Chemical Engineering

PROFESSOR OF CHEMICAL ENGINEERING

Qualifications and Experience

The successful candidate must possess a PhD, which should be in Chemical Engineering, Chemical & Process Engineering or a closely-related field, with a blend of academic, research and industrial experience; proven leadership experience; a strong international scholarly reputation for research in the field; demonstrated ability to lead related research within the Department and to win substantial external research funding. The candidate's records should demonstrate:

- Outstanding teaching and research of a minimum of ten (10) years at the tertiary level at a recognised university
- A track record of distinguished, original and innovative work in the area of expertise; high quality publications in peer-reviewed international journals, and experience in the supervision of student projects
- Outstanding success in and wide recognition of professional activities
- Corporate membership in a reputable professional institution
- Active engagement in industry, with considerable industry experience as a distinguished Chemical Engineer
- Proven success in grant applications

Further consideration will be given to candidates with:

- A minimum of twenty-five (25) publications in the area of expertise, in high-impact, peer-reviewed journals
- Specialization in one or more of the following areas:
 - Energy Studies (Sustainable, Renewable and Hydrogen Energy)
 - Data Analytics
 - Data Science

Candidates with the following would have an advantage:

- Qualifications in Biochemical Engineering and Data Analytics or Data Science
- Teaching and supervision of student design and research projects at BSc and MSc levels and supervision of students at PhD level
- Experience in developing Chemical and Process Engineering curriculum
- Proficiency in Biochemical Engineering

Industry and leadership experience, and proficiency in Carbon Capture Storage and Utilization (CCUS) would be assets.

Special Responsibilities

- Teaching undergraduate and postgraduate courses in Chemical Engineering
- Supervising postgraduate (MSc, MPhil and PhD) student projects
- Developing well recognized and independent research programmes capable of attracting external funding in their area of expertise
- Engaging with local, regional and international stakeholders, other Departments and academic institutions and Faculty through collaborative research
- Providing ongoing revision of the curriculum to keep abreast of development and innovation in the area of expertise
- Developing professional short courses to respond to the changes within the industry specifically focusing on local and regional needs
- Serving on Committees at the Department, Faculty and University levels

Personal Attributes

The Campus places high priority on individuals who can work well in a team 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 able to interact and work well with staff, students and industry stakeholders
- have good organizational and leadership skills
- be self-motivated and capable of mentoring and motivating students and staff
- develop students' appreciation and passion for the study of Chemical Engineering
- be committed to developing the Department's outreach programme
- be capable of attracting research funding
- have links with stakeholders (industry and universities)

Detailed application and full curriculum vitae should be sent to the University Registrar, Office of Administration, The University of the West Indies, Regional Headquarters, Mona, Jamaica, W.I., **Fax No. 1-876-977-1422**; **e-mail: hrapplications@uwimona.edu.jm**. Three (3) referees (one of whom should be from your present organization) must be indicated. Application forms can be obtained at <http://www.uwi.edu>, Job Opportunities section. Further particulars including remuneration package can be obtained at the above address. In order to expedite the appointment procedures, applicants are advised to ask their referees to send their references under **CONFIDENTIAL** cover **DIRECTLY** to the University Registrar at the above address without waiting to be contacted by the University. **Applications received after the deadline date will not be considered.**

Deadline for Application: June 17, 2022