Department of Chemical and Biochemical Engineering
Western University

Applications are invited for a junior faculty position in:

SUSTAINABLE CHEMICAL ENGINEERING

The Department of Chemical and Biochemical Engineering invites applications from qualified individuals to a probationary, tenure track position at the rank of Assistant Professor, in Sustainable Chemical Engineering, effective July 1, 2019 or as soon as possible thereafter. Exceptional candidates may be considered at the Associate Professor rank, commensurate with qualifications and experience. This is a junior position that will complement and collaborate with a Senior NSERC Industrial Research Chair focusing on the thermochemical conversion of biomass, aiming for the valorization of biomass co-products, -residues and -waste. The successful candidate will be an important member of the Institute for Chemicals and Fuels from Alternative Resources (ICFAR), conducting research at ICFAR, and contributing to its mission and objectives. ICFAR is an off-campus expanding research institute of Western Engineering, emphasizing technology transfer and commercialization, with a track-record of successful partnerships with industry and government, equipped with state-of-the-art facilities and technical support for large pilot and demonstration plants.

We seek candidates to effectively contribute to the teaching and research efforts of the Department of Chemical and Biochemical Engineering. Applicants must hold a Ph.D. in Chemical Engineering or in a related engineering discipline and will have demonstrated an outstanding record of research evident through publications in the discipline. The position will contribute to strengthening Western’s expertise in stimulating a circular economy through biomass processing and thermochemical conversion to upgrade renewable resources and wastes to value-added products. Candidates must have a strong background in process engineering and sound expertise in one or more of the following areas: multiphase reactors and/or fluidization, reaction engineering, biomass valorization, biofuel upgrade, fluid dynamics and multiphase reactor design. While not a necessity, relevant industrial experience will be viewed upon favorably. The successful candidate will be expected to enhance ICFAR’s and Western’s research capabilities through internal and external academic collaborations, attract external research funding, supervise graduate students, instruct undergraduate and graduate courses in chemical engineering and green process engineering, participate in other educational and professional activities, and contribute to the normal administrative activities of the Department, Institute, Faculty and University. Eligibility for registration as a Professional Engineer in Ontario is required for this appointment.

Situated along the banks of the Thames River in picturesque London, Ontario, a city with a population of approximately 380,000, Western University is a prominent academic institution routinely ranked as a top research-intensive university in Canada and is committed to excel as a leading research institution internationally. Western University has a full-time enrollment of about 32,000 students in a range of academic and professional programs.
Further information about Western can be found at http://www.uwo.ca/, the Faculty of Engineering at http://www.eng.uwo.ca/, the Department of Chemical and Biochemical Engineering at https://www.eng.uwo.ca/chemical/, and ICFAR at http://www.icfar.ca/. Western Engineering is embarking on a major expansion of faculty to complement a planned growth in student numbers. Western Engineering’s Mission, Vision and Values can be found at http://www.eng.uwo.ca/faculty_staff/img/Values_Mission_Statement.pdf. Western’s Recruitment & Retention Office is available to assist in the transition of successful applicants and their families.

If you share a commitment to excellence in teaching and research, and are eager to pursue a rewarding academic career, please send (i) a detailed curriculum vitae, (ii) a one-page teaching statement describing your teaching experience and philosophy, (iii) a concise research statement of interests describing your current research program, accomplishments and future plans, and (iv) contact details of at least three professionals who can provide letters of support. Applications should be sent to:

Dr. Ajay Ray, Chair  
c/o Myriam Delgado, Administrative Officer,  
Department of Chemical and Biochemical Engineering, Faculty of Engineering at Western University, London, Ontario, Canada N6A 5B9 Email: mdelgad@uwo.ca

Consideration of applications will commence on July 1, 2018 and will continue until the position is filled. Please ensure that the form available at http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf is completed and included in your application submission.

This position is conditional on funding with a Senior NSERC Industrial Research Chair and is subject to budget approval. Applicants should have fluent written and oral communication skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Aboriginal persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact Myriam Delgado by phone at 519-661-2111 ext: 81280.

Posted on Faculty Relations website May 30, 2018.