

DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITY OF WATERLOO

Biomedical Engineering, Tenure-Track Assistant Professor

The Department of Chemical Engineering at the University of Waterloo invites applications for a tenure-track position in the areas of biochemical and biomedical engineering research including, but not exclusive, synthetic biology, metabolic pathway engineering, tissue engineering, bioanalytics, biosensors, biocompatibility, biofluid processing or dynamics, and bioinformatics. The ideal candidate will bring complementary expertise to the Department of Chemical Engineering, and his/her work will address emerging challenges in biomedical engineering. It is anticipated that the position will be at the rank of Assistant Professor, however, Associate or Full Professor rank will be considered in exceptional circumstances. The anticipated start date for this position is January 1, 2020.

Applicants must have a PhD degree in Chemical Engineering or a closely related field. All applicants must demonstrate excellent research potential as well as strong interest and ability in undergraduate and graduate teaching. The candidate will be expected to develop and lead an active, internationally recognized research program and cooperate with graduate students and professors on a variety of research problems. The candidate is also expected to teach courses at the undergraduate and graduate levels along with some curriculum development in both the Chemical Engineering and Biomedical Engineering Programs, as well as to engage in various administrative service to the department. The applicant is expected to have an engineering license for practice in Canada or to apply for an engineering license with Professional Engineers Ontario within 5 years. The salary range for this position is \$100,000-\$150,000 per year.

The closing date for applications is May 15, 2019. Applicants should send a curriculum vitae, statement of research and teaching interests, and contact information for three references to Professor Eric Croiset, Chair, Department of Chemical Engineering, <https://cheserv13.uwaterloo.ca/OFAS/index.php>.

If you have any questions regarding the position, the application process, assessment process, eligibility, or a request for accommodation during the hiring process, please contact Liz Bevan, eabevan@uwaterloo.ca, 519-8884567, Ext. 32296.

The University of Waterloo regards diversity as an integral part of academic excellence and is committed to employment equity and accessibility for all employees. As such, we encourage applications from women, Indigenous (First Nations, Metis and Inuit) peoples, persons with disabilities, members of diverse gender identities, and others who may contribute to the further diversification of ideas. At Waterloo, you will have the opportunity to work across disciplines and collaborate with an international community of scholars and a diverse student body, situated in a rapidly growing community that has been termed a “hub of innovation”. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will receive priority in the recruitment process.

Three reasons to apply: <https://uwaterloo.ca/faculty-association/why-waterloo>.

The Department of Chemical Engineering offers a collegial, interdisciplinary and collaborative research environment. With 34 faculty members and an annual enrolment of 550 undergraduate and over 200 graduate students, it is one of the largest Chemical Engineering departments in Canada. The department is benefiting from its new home, a 115,000 square-foot building with 48 state-of-the-art research labs and new instructional spaces. The undergraduate programs in Chemical Engineering, Nanotechnology Engineering (jointly with the Departments of Chemistry and Electrical and Computer Engineering) and Biomedical Engineering draw the top students from across Canada.