

**FACULTY POSITION IN ARTIFICIAL INTELLIGENCE IN CHEMICAL ENGINEERING
DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING
WESTERN UNIVERSITY, CANADA**

Applications are invited for an exceptional candidate in the area of **Artificial Intelligence in Chemical Engineering** in the Department of Chemical and Biochemical Engineering, Faculty of Engineering. The appointment is expected to be effective January 1, 2023, or as soon as possible thereafter. The successful applicant will receive a probationary (tenure-track) appointment at the rank of Assistant Professor or Associate Professor. The rank will be commensurate with the successful applicant's qualifications and experience in teaching and research.

We seek an energetic and dynamic colleague who will be able to positively contribute to both the teaching and research efforts of the Department in the area of Artificial Intelligence.

Applicants with research expertise in the application of data science, artificial intelligence, and machine learning to chemical and/or biochemical process systems and whose research and teaching complement and strengthen our existing strengths in the Department of Chemical and Biochemical Engineering will be considered. Examples of such applications may include, but are not limited to, chemical, biochemical and environmental processes, reaction engineering and catalysis, renewable and alternative energy systems, polymer chemistry and engineering, digital process control, tissue engineering, genomics, bioinformatics, systems biology, autonomous systems in chemical process safety.

For a probationary appointment, successful candidates will have completed a Ph.D. degree in a Chemical and/or Biochemical Engineering field, or a closely related discipline, with a specialization in artificial intelligence or data science and demonstrate excellence or clear promise of excellence in research, including evidence of high-quality scholarly output that demonstrates independent research potential leading to peer-assessed publications and the securing of external research funding. The candidate should provide evidence of teaching at the university level and will be expected to teach undergraduate and graduate courses within the Chemical and Biochemical Engineering program. In addition, the candidate will be expected to supervise graduate students and participate in other educational and professional activities, including administrative activities of the Department, Faculty and University. The ability to become eligible 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 350,000, 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 <http://www.eng.uwo.ca/chemical/>. Western Engineering's Mission, Vision and Values can be found at <https://www.eng.uwo.ca/files/departments-units/human-resources/values-mission-statement.pdf>. Western's Recruitment & Retention Office is available to assist in the transition of successful applicants and their families.

The Department of Chemical and Biochemical Engineering has current research strengths in Biomaterials and Biochemical Engineering, Environmental and Green Engineering, Particle Technologies and Fluidization, Macromolecular and Materials Engineering, Reaction and Process Systems Engineering and Water and Energy Systems. The Department is seeking to further build and strengthen the emerging area of Artificial Intelligence in Chemical Engineering.

If you share our 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 description of teaching experience and philosophy, (iii) a brief description of your current research program, accomplishments, and future plans, (iv) copies of representative publications, and (v) the names of three referees. Applications should be sent to

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

Consideration of applications will commence on August 1, 2022 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.

Effective September 7, 2021, all employees and visitors to campus are required to comply with Western's COVID-19 Vaccination Policy
(https://www.uwo.ca/univsec/pdf/policies_procedures/section3/mapp311_covid19.pdf)

Positions are 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, Indigenous peoples, 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 at mdelgad@uwo.ca

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