TWO-POSITIONS (OPEN RANK) IN MACHINE LEARNING

Applications are invited for two exceptional candidates in the area of **Machine Learning Applications** in the Department of Electrical and Computer Engineering, Faculty of Engineering. These appointments are expected to be effective July 1, 2021 or as soon as possible thereafter. Successful candidates will receive a probationary (tenure-track) appointment at the rank of Assistant or Associate Professor or a tenured appointment at the rank of Associate Professor or Professor. The rank will be commensurate with the successful applicant's qualifications and experience in teaching and research.

We are seeking energetic and dynamic colleagues who will be able to positively contribute to both teaching and research efforts of the Department in the area of Applied Machine Learning. Applicants with the expertise in any area(s) within the field of machine learning applications, to any area of Electrical Engineering, Computer Engineering, Software Engineering or Mechatronic Systems Engineering will be considered.

For a probationary appointment, successful candidates will have a Ph.D. degree in an Electrical and Computer Engineering field, or a closely related discipline, demonstrate excellent 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 involving machine learning with engineering applications. In addition, the successful candidate must also demonstrate the potential for excellence in teaching and training of students at the undergraduate and graduate levels.

For a tenured appointment, successful candidates will have completed a Ph.D. degree in the appropriate Engineering field, provide evidence of excellence in research and impact through publications in the highest quality journals, and have an established internationally-recognized, externally-funded research program, with evidence of interdisciplinary and industrial collaborations. An exceptional profile with respect to teaching and training of students at the undergraduate and graduate levels is also required.

Recent investment through a partnership between Bell Canada and Western will see the creation of an advanced 5G research Centre that will enable Western to become a "living lab" for shaping smart cities and communication systems. Candidates with research interests that will allow the expanded use of this resource are encouraged to apply. Successful candidates should provide evidence of teaching at the university level and will be expected to develop and maintain a vigorous research program, attract external research funding, supervise graduate students, teach fundamental undergraduate and graduate courses in the area of Software Engineering, teach advanced undergraduate and graduate courses in their area of specialization and other educational and professional activities. In addition, candidates will be expected to participate in the normal administrative activities of the Department, Faculty and University. Eligibility for registration as a Professional Engineer in Ontario is required for these appointments.

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 enrolment 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 Electrical and Computer Engineering at https://www.eng.uwo.ca/electrical/. Western Engineering's Mission, Vision and Values can be found at https://www.eng.uwo.ca/. Western's Recruitment & Retention Office is available to assist in the transition of successful applicants and their families.

The Department of Electrical and Computer Engineering (http://www.eng.uwo.ca/electrical/) is one of six academic units in the Faculty of Engineering (http://www.eng.uwo.ca) at Western University. The Department of Electrical and Computer Engineering offers degrees in Electrical Engineering, Computer Engineering, Software Engineering and Mechatronic Systems Engineering.

If you share our commitment to excellence in teaching and research, and are eager to pursue a rewarding academic career, please forward your application form, curriculum vitae, statement of your research and teaching interests, and the names and addresses of three referees to:

Dr. K.A. McIsaac, Chair
c/o Karen Henry, Administrative Officer
Department of Electrical and Computer Engineering, Faculty of Engineering
Western University
London, Ontario, Canada N6A 5B9
Email: *karen.henry@uwo.ca*

Consideration of applications will commence February 1, 2021 and will continue until the positions are filled. Please ensure that the form available at https://www.uwo.ca/facultyrelations/pdf/full-time-application-form.pdf is completed and included in your application submission.

We also welcome e-mail inquiries and submissions, to be sent to ecechair@uwo.ca.

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/visible minorities, Aboriginal persons, persons with disabilities, persons of any sexual orientation and person 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 Karen Henry by email at karen.henry@uwo.ca or by telephone (519) 661-2111 x82136.

Posted on Faculty Relations website December 9, 2020 (#2020-337)