Western Engineering

Department of Civil & Environmental Engineering

Applications are invited for an exceptional candidate in the area of Resilience of Smart Cities in the Department of Civil & Environmental Engineering, Faculty of Engineering. The appointment is expected to be effective January 1, 2022 or as soon as possible thereafter. The successful applicant will receive a Probationary (tenure-track) appointment at the rank of Assistant 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 Smart Cities. Applicants with research expertise in the application of big data analytics, augmented reality, building information modeling, artificial inteligence, machine learning, automation, advanced sensor instrumentation and cyber-physical systems into the design, operation, management, and health monitoring of buildings or Civil and Environmental infrastructures will be considered.

For a probationary appointment, successful candidates will have completed a Ph.D. degree in a Civil and Environmental Engineering field, or a closely related discipline, 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 Civil and Environmental 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 Civil and Environmental Engineering at http://www.eng.uwo.ca/civil/. 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 Civil & Environmental Engineering is one of the top civil engineering programs globally [ranked # 1 in Canada and # 15 in the world, ARWU (2020)], with a strong international reputation in both research and teaching. We have an established international reputation in geotechnical, environmental, structural and wind engineering. Our success in attracting students and funding is based on our dedication to excellence in teaching and research. The department's research strength is supported by unique research facilities and centres such as the Boundary Layer Wind tunnel Laboratory, the Wind Engineering Energy and Environment (WindEEE) Research Institute, the Geotechnical Research Centre, the Western Centrifuge Research Facility, the Institute of Catastrophic Loss Reduction, the Greenway Water Technology and Infrastructure Testing Facility.

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. Ashraf El Damatty, Chair
c/o Stephanie Laurence, Administrative Officer

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Consideration of applications will commence on July 2 , 2021 and will continue until the position is 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.

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, person 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 Stephanie Laurence by email at Stephanie.laurence@uwo.ca or by phone at 519-661-2111 ext: 82946.

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