

Applications are invited for an exceptional candidate in the area of **Structural Engineering with focus on Smart Cities applications** in the Department of Civil & Environmental 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 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 positively contribute to both the teaching and research efforts of the Department in the area of Structural Engineering. Applicants with research expertise focused on Smart Cities will be considered, including but not limited to Structural Health Monitoring, Structural Control, Real-time Hybrid Simulations, Machine Learning, Artificial Intelligence, Digital Twin, Cyber-Physical Systems, and Smart Material Applications in Structural and Infrastructural Engineering.

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, 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 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.

Western University delivers an academic experience second to none. Western challenges the best and brightest faculty, staff, and students to commit to the highest global standards. Our research excellence expands knowledge and drives discovery with real-world application. Western attracts individuals with a broad worldview, seeking to study, influence and lead in the international community. Since 1878, The Western Experience has combined academic excellence with life-long opportunities for intellectual, social, and cultural growth in order to better serve our communities. 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 among the top 20 in the world for five consecutive years in the Academic Ranking of World Universities] with a strong international reputation in both research and teaching. We have an established international reputation in environmental

geotechnical, 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 centers such as the Boundary Layer Wind Tunnel Laboratory, the Wind Engineering Energy and Environment (WindEEE) Research Institute, and the Institute of Catastrophic Loss Reduction.

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 Edona Berani, Administrative Officer,
Department of Civil and Environmental Engineering, Faculty of Engineering at Western
University, London, Ontario, Canada N6A 5B9 Email: eberani@uwo.ca

Consideration of applications will commence on July 1st, 2022 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.

Effective September 7, 2021, all employees and visitors to campus are required to comply with Western's [COVID-19 Vaccination Policy](#).

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 Dr. El Damatty e by email at damatty@uwo.ca or by phone at 519-850-2345

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