

## FACULTY POSITION IN APPLIED AND COMPUTATIONAL MECHANICS

The Department of Civil and Environmental Engineering at the University of Waterloo invites applications for a tenure-track position at the rank of Assistant Professor in applied and computational mechanics with application areas such as: (1) shape active structures, (2) cable and membrane structures, (3) deployable structures, (4) tensegrity structures, (5) adaptive structures, (6) biomimetic structural elements, materials, and systems, or (7) shell structures. The successful candidate's published research should demonstrate a strong background in nonlinear and computational mechanics. Preference will be given to candidates whose research demonstrates applications and experimental validation of computational models. The estimated start date for this position is September 1, 2019. In the case of an exceptional candidate, an appointment at the rank of Associate Professor or Full Professor will be considered.

Applicants must demonstrate potential or have proven ability to develop an internationally recognized research program, must have excellent communication skills, and must have a strong commitment to teaching at the undergraduate and post-graduate levels.

The successful applicant must have a civil engineering undergraduate degree or equivalent, and a PhD in engineering. Applicants are expected to have engineering licenses for practice in Canada or the ability to apply for an engineering license with the Professional Engineers of Ontario within 5 years. Based on qualifications and rank, the salary range for this position is \$100,000 to \$150,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates.

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 the Civil & Environmental Engineering Chair at [ceechair@uwaterloo.ca](mailto:ceechair@uwaterloo.ca).

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, Métis 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 closing date for applications is March 1, 2019. Interested applicants are invited to submit their full curriculum vitae, along with a teaching vision statement. They are also requested to submit a research vision statement, specifically indicating how their innovative research directions will complement the ongoing research in the Department of Civil and Environmental Engineering. Each of the vision statements should be no more than two pages in length. The curriculum vitae, vision statements and the names and full contact information of at least three references should be sent to:

Civil & Environmental Engineering Chair Department of Civil and Environmental Engineering, University of Waterloo, Waterloo, Ontario, N2L 3G1 Email: [ceechair@uwaterloo.ca](mailto:ceechair@uwaterloo.ca)