



Mechanical & Industrial Engineering UNIVERSITY OF TORONTO

Assistant Professor – Surface Engineering

The Department of Mechanical & Industrial Engineering at the University of Toronto invites applications for one full-time, tenure stream faculty position in the area of Surface Engineering at the rank of Assistant Professor, starting July 1, 2020, or shortly thereafter.

The successful candidate will be expected to join the Centre for Advanced Coating Technologies (<http://cact.utoronto.ca>), to contribute to research, promote collaboration with industry and governmental institutions, and maintain and expand the Centre's international partnerships.

Candidates must have a PhD in mechanical engineering, materials engineering, or a related discipline, by date of appointment or shortly thereafter, with a demonstrated record of excellence in research and teaching. In particular, the successful candidate will demonstrate research excellence in fundamental and applied research in surface engineering broadly, with expertise in both materials characterization and coating process development and modeling. The candidate is expected to establish and maintain an outstanding, competitive, innovative, independent, externally funded, and internationally leading research program. We are seeking candidates whose research and teaching will complement and strengthen our existing [departmental strengths](#) in the areas of Thermofluids and Materials. It is preferred that candidates have an undergraduate degree in engineering and be eligible for registration as a Professional Engineer.

The successful candidate will be involved in undergraduate and graduate teaching, research, and departmental service.

The successful candidate must provide evidence of excellence in research, primarily by a record of published papers in top-ranked and field relevant journals, or a research pipeline that is at high international levels, the submitted research statement, and strong letters of reference from referees of high standing. Further evidence of research excellence can be demonstrated by participation in top

conferences, awards and accolades, and presenting research at other highly ranked schools.

Excellence in teaching will be demonstrated by a strong statement of teaching philosophy, sample syllabi, excellent teaching evaluations, strong endorsements from referees, and the teaching dossier submitted as part of the application.

Salary will be commensurate with qualifications and experience.

Established in 1827, the University of Toronto is Canada's largest university, recognized as a global leader in research and teaching. U of T's distinguished faculty, institutional record of groundbreaking scholarship and wealth of innovative academic opportunities continually attract outstanding students and academics from around the world. The Department of Mechanical & Industrial Engineering at the University of Toronto is home to the top mechanical and industrial engineering programs in Canada. We foster a world-class environment that excels in teaching, learning and research.

All qualified candidates are invited to apply by clicking on the link below. Applications must include a cover letter, curriculum vitae, teaching dossier (including a statement of teaching philosophy, sample syllabi, and teaching evaluations), a substantial article-length writing sample, and a statement outlining current and future research interests. If you have questions about this position, please contact chair@mie.utoronto.ca. All application materials must be submitted online by the closing date of February 3, 2020.

Submission guidelines can be found at: <http://uoft.me/how-to-apply>. We recommend combining attached documents into one or two files in PDF or MS Word format.

Applicants must also ask three referees to send letters (on letterhead and signed) directly to the department via e-mail to chair@mie.utoronto.ca. Reference letters must be received by the closing date of February 3, 2020.

For more information on the University of Toronto, and the Department of Mechanical & Industrial Engineering, please visit our website: <http://www.mie.utoronto.ca>.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.

As part of your application, you will be asked to complete a brief Diversity Survey. This survey is voluntary. Any information directly related to you is confidential and cannot be accessed by search committees or human resources staff. Results will be aggregated for institutional planning purposes. For more information, please see <http://uoft.me/UP>.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.