

The Department of Materials Science and Engineering (MSE) in the Faculty of Applied Science & Engineering invites applications for a tenure stream appointment in Mechanical Properties of Materials at the rank of Assistant Professor. The appointment will commence on July 1, 2017.

The successful candidate will show leadership, innovation and excellence in research and teaching in the area of mechanical behaviour of materials. Candidates should have demonstrated excellence in research and some experience in teaching. He/She is expected to have solid theoretical background and extensive research experience in one or more of the following specific areas: dislocation theory, deformation mechanisms, fatigue, fracture mechanics and mechanisms, and failure analysis. Experience in electron microscopy, stress-strain analysis and FEM simulation of deformation behavior will be assets.

Applicants are expected to have a PhD or equivalent in Metallurgy, Materials Science and Engineering, or a related field, by the time of appointment or shortly thereafter.

Postdoctoral or industrial experience is an asset. The successful candidate will be expected to initiate and lead an independent research program of international calibre, and to teach at the undergraduate and post-graduate levels. Evidence of excellence in research can be demonstrated by research of an internationally competitive calibre, as evidenced by publication in leading journals in the field, presentations at significant conferences, and strong endorsements by referees. Experience in teaching will be demonstrated through teaching accomplishments, letters of reference and the teaching statement submitted as part of the application.

Eligibility to register as a Professional Engineer in Ontario is strongly desirable.

Applications will be accepted until the job is filled. Applications will begin to be considered after January 2, 2017. You must submit your application online by clicking on the link below.

Please ensure that you include a current CV, a clear statement of your specific teaching and research interests, and the names of three persons able to provide references in support of your application. All applications must be submitted online. For further information about the application process, please see the submission guidelines at <http://uoft.me/how-to-apply>.

Applicants should also arrange to have three letters of reference sent directly by email (on letterhead, signed and scanned) to the department at strumas@ecf.utoronto.ca.

For more information about our department, please visit our home page at

www.mse.utoronto.ca.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.