



Materials Science & Engineering UNIVERSITY OF TORONTO

Assistant Professor - Materials and Manufacturing

Job Closing : January 28, 2019 Open Until Filled

The Department of Materials Science and Engineering (MSE) in the Faculty of Applied Science & Engineering invites applications for a tenure stream appointment in Materials and Manufacturing at the rank of Assistant Professor. The appointment will commence on July 1, 2019, or shortly thereafter.

The successful candidate will show leadership, innovation and excellence in research and teaching in the area of materials and manufacturing. They are expected to have extensive experience in manufacturing or materials science based research focusing on manufacturing technologies, experimental and computational facets of materials design, and metallic/non-metallic materials for new applications.

Areas of interest include, but are not limited to, digital or additive manufacturing processes, scalable micro/nano-manufacturing, bio-manufacturing, formative or hybrid printing, manufacturing data analytics and re-manufacturing, optimization and diagnostics of manufacturing processes, sustainable design of manufacturing processes.

Applicants are expected to have a PhD or equivalent in Metallurgy, Materials Science and Engineering, or a related field, by the time of appointment. Postdoctoral or industrial experience is an asset.

Successful candidates will be expected to pursue innovative and independent research at the highest international level, to initiate and lead an outstanding, competitive and externally funded research program, and to teach at both the undergraduate and graduate levels. Candidates should have demonstrated excellence in research and teaching. Excellence in research is evidenced primarily by publications or forthcoming publications in leading journals or conferences in the field, presentations at significant conferences, awards and accolades, and strong endorsements by referees of high international standing. Evidence of excellence in teaching will be demonstrated by strong communication skills, a teaching dossier submitted as part of the application, including a compelling statement of teaching philosophy highlighting areas of interest and accomplishments, sample syllabi, and teaching evaluations, as well as strong letters of recommendation.

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

Salary will be commensurate with qualifications and experience.

FACULTY OF APPLIED SCIENCE & ENGINEERING

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Review of applications will begin on January 28, 2019, and to ensure full consideration applicants should endeavor to have all materials, including reference letters, submitted by then; however, applications will be accepted until the position is filled.

You must submit your application online by clicking on the link below.

As part of your online application, please include a curriculum vitae, a summary of your previous research and future research plans, and a substantial article-length writing sample, as well as a teaching dossier including a statement of teaching experience and interests, your teaching philosophy and accomplishments, sample syllabi, and teaching evaluations. For further information about the application process, please see the submission guidelines at <http://uoft.me/how-to-apply>. Applicants must also arrange for three letters of reference to be sent directly by the referees (on letterhead, signed and scanned), by email to the MSE department at strumas@ecf.utoronto.ca. Applications without any reference letters will not be considered; it is your responsibility to make sure your referees send us the letters while the position remains open.

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 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.