

## **Mechanical Engineering, Traditional and interdisciplinary areas of mechanical engineering (two positions)**

Established in 2012, the Lassonde School of Engineering, York University offers a broad range of undergraduate and graduate programs in engineering, computer science, and earth and atmospheric science. We have created a culture where tomorrow's professionals are becoming Renaissance Engineers™ – multidisciplinary problem solvers, critical thinkers, leaders and entrepreneurs who understand creativity, communications, social responsibility, and cultural diversity. We seek committed faculty who can contribute to our innovative approaches to incorporating research in the curriculum, experiential education, technology-enhanced learning and other pedagogical innovations. Further information is available at <http://lassonde.yorku.ca/>.

The Department of Mechanical Engineering at the Lassonde School of Engineering invites applications from qualified individuals for two tenure-track professorial-stream positions in traditional and interdisciplinary areas of mechanical engineering, one at the Assistant Professor level and one at the Associate Professor level, both to commence on **July 1, 2019**. Salary will be commensurate with qualifications and experience. All York University positions are subject to budgetary approval.

We are seeking individuals who can demonstrate excellence, or promise of excellence, in scholarly research and teaching in Mechanical Engineering. Candidates are expected to integrate with a young and vibrant department and willing to take scholarly initiatives that transcend the traditional boundaries of engineering and build on the existing strong foundations in the Department. Candidates should be able to teach a broad range of courses in Mechanical Engineering.

The successful candidate will hold a PhD in Mechanical Engineering or closely related field and must be eligible for registration as a Professional Engineer in Ontario. Candidates for the Associate Professor position must be currently registered as a Professional Engineer and be eligible for registration as a Professional Engineer in Ontario.

Candidates must demonstrate excellence, or the promise of excellence, in teaching and research. Innovative teaching ideas and experience will be an asset and a strong research track record commensurate with the rank of appointment is essential. The successful candidate must be able to teach and supervise students at both the undergraduate and graduate level and be eligible for prompt appointment to the Faculty of Graduate Studies. The candidate must be able to establish a strong, independently funded research program and assist in the administrative duties of both the department and university. Candidates seeking the rank of Associate Professor must have a proven track-record of teaching excellence, an established and independently funded research program, and demonstrated excellence in training highly qualified personnel.

The Department of Mechanical Engineering at the Lassonde School of Engineering offers undergraduate and graduate programs that promote critical thinking and problem solving skills required to solve challenging real-world problems. We recently graduated our first Mechanical Engineering undergraduate cohort in 2018 and are excited to continue to expand our teaching and research programs. The Department offers BEng, MAsc and PhD degree programs. Our department is focused on inter-disciplinary and collaborative research

which offers a wide range of opportunities to both our undergraduate and graduate students. Please visit our website for more details about our exciting program: <http://mech.lassonde.yorku.ca/>

York University is an Affirmative Action (AA) employer and strongly values diversity, including gender and sexual diversity, within its community. The AA Program, which applies to Aboriginal people, visible minorities, people with disabilities, and women, can be found at [www.yorku.ca/acadjobs](http://www.yorku.ca/acadjobs) or by calling the AA line at 416-736-5713. Applicants wishing to self-identify can do so by downloading, completing and submitting the forms found at: <http://acadjobs.info.yorku.ca/>. Please select the Affirmative Action tab under which forms pertaining to Citizenship and AA can be found. All qualified candidates are encouraged to apply; however, Canadian citizens, permanent residents and Indigenous peoples in Canada will be given priority.

Applicants should complete an on-line application at: <http://lassonde.yorku.ca/new-faculty/>. A complete on-line application should include (1) a cover letter clearly indicating the rank for which the candidate wishes to be considered; (2) a detailed curriculum vitae highlighting career achievements, areas of research, teaching experience, list of publications and awards/honours, as well as research grants and students supervised (the last two items are especially important for the Associate Professor position); (3) a statement of research plans detailing the intended projects to be pursued, envisioned resources, and external funding ideas to allow executing the research plans (maximum 3 pages); (4) a statement of teaching plan especially for the Mechanical Engineering Department at the Lassonde School of Engineering (maximum 2 pages); (5) three samples of the candidate's most significant scholarly work. (6) the names and contact information of three people who have agreed to provide reference letters. Complete applications must be received by **November 15, 2018**.