



Engineering Education Research

3 Positions for Tenure Track or Tenured Faculty

Position Description

The Lassonde School of Engineering invites applications for three Professorial Stream tenure-track or tenured appointments in Engineering or Science Education Research at the Assistant, Associate or Full Professor level, to commence July 1, 2020, to continue our ground-breaking work in developing The Renaissance Engineer™. This is a different kind of learning experience supported by a \$115M new building and is gaining the attention of the world. We are recognized as one of the top 10 emerging leaders and noted as a 'place to watch' in a Massachusetts Institute of Technology's report on 'The global state of the art in engineering education'. Lassonde is a crucial part of York University, which is the 3rd largest in Canada, and known for its commitment to the public good. York is ranked 26th globally and 5th in Canada in the 2019 University Impact Ranking by the Times Higher Education, assessed against the UN's Sustainable Development Goals.

We strive to create sustained educational innovation and establish a community of practice around excellence and scholarship in teaching and learning. We are looking for researchers who are not afraid to push, bend, twist, and break apart the boundaries of engineering education. We seek applicants who will contribute to our academic programs, promote transdisciplinary teaching and research, and help the University to achieve its aspirations. You will be instrumental in helping us to become a global leader in the field.

If you are excited at the prospect of creating and leading a unique new enterprise and model for engineering education and have expertise in engineering or science education research, ranging from pre-kindergarten through university and into engineering practice, we invite your application. You will be expected to secure external funding to support graduate students and research, cultivate research initiatives, and collaborate with scholars within the School, the University, and across the engineering and/or science international research communities, and provide continued improvement for our programs utilizing the latest thinking. You will be appointed to a Department(s) which most closely aligns with your strengths and experience. However, depending on the team of researchers we appoint, we are open to how we best organize ourselves to deliver our objectives. This could be creating a new department or a research centre.

Required background includes:

- Ph.D. in a STEM, education or psychology discipline; particular focus in education within the discipline is preferred

- Excellent ongoing record in conducting scholarly research and publishing in innovative areas of engineering or science education
- Demonstrated excellence in curricular and pedagogical innovation in undergraduate engineering or related programs
- Experience supervising graduate students, and post-doctoral fellows commensurate with rank
- Suitable for prompt appointment to the Faculty of Graduate Studies
- Excellence or promise of excellence in teaching at the undergraduate and graduate levels with strong evidence of pedagogical and teaching innovations
- Excellent oral, written and presentation skills.

The deadline for receipt of completed applications is November 1, 2019, but the positions will be open until filled. Applicants should complete the on-line application process at <http://lassonde.yorku.ca/faculty-recruitment/> and should provide a cover letter, curriculum vitae, statement of contribution to teaching and research philosophy and ideas for transforming engineering education, names and contact information of three people who have agreed to provide reference letters.

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 women, members of visible minorities (racialized groups), Aboriginal (Indigenous) people and persons with disabilities, can be found at www.yorku.ca/acadjobs or by calling the AA line at 416-736-5713. Applicants wishing to self-identify as part of York University's Affirmative Action program can do so by downloading, completing and submitting the form found at: <http://acadjobs.info.yorku.ca/affirmative-action/self-identification-form>. All qualified candidates are encouraged to apply; however, Canadian citizens, permanent residents and Indigenous peoples in Canada will be given priority. No application will be considered without a completed mandatory Work Status Declaration form which can be found at <http://acadjobs.info.yorku.ca/affirmative-action/work-authorization-form>.

York University has a policy on [Accommodation in Employment for Persons with Disabilities](#) and is committed to working towards a barrier-free workplace and to expanding the accessibility of the workplace to persons with disabilities. Candidates who require accommodation during the selection process are invited to contact the Chair of the Search Committee at search.chair@lassonde.yorku.ca. You can find further information about the Lassonde School of Engineering and its programs at <http://lassonde.yorku.ca/> or by contacting Dean Jane Goodyer at dean@lassonde.yorku.ca.

Salary will be commensurate with qualifications and experience. All York University positions are subject to budgetary approval.

Consideration of potential candidates will begin after the application deadline and will continue until the positions are filled.