

## Tenure Track Faculty Positions in Biomedical Engineering

**Biomedical Engineering** (BME) is among the most dynamic, multi-disciplinary, and rapidly evolving areas that plays a significant role in expanding the capabilities of healthcare and the ways it will be delivered in the future. The BME program at Ryerson University is housed in, and administrated by, the **Department of Electrical and Computer Engineering** and is exhibiting continued growth. Ryerson's B.Eng. BME program was the first and only standalone undergraduate Biomedical Engineering program in English Canada at the time of its inception in 2008, and remains the first one to be fully accredited by the Canadian Engineering Accreditation Board. Being housed in a strategic downtown campus at Ryerson University, located in the heart of Downtown Toronto, the largest and most culturally diverse city in Canada, the BME program benefits from the proximity to Toronto's Medical Discovery District and seven world-class hospitals.

### Position Requirements

The Department of Electrical and Computer Engineering in the Faculty of Engineering and Architectural Science at Ryerson University invites applications for **THREE (3)** full-time tenure track positions in Biomedical Engineering, at the Assistant Professor level, beginning July 1, 2017, subject to final budgetary approval. Candidates must have a Ph.D. degree in Biomedical Engineering (with Electrical Engineering focus) or Ph.D. degree in Electrical Engineering (with Biomedical Engineering focus) or Ph.D. degree in related disciplines. In addition, the following are expectations of an ideal candidate for the position:

- Demonstrate expertise in one or more of the following areas of BME specializations: Biorobotics, Bioinformatics, Medical Devices, Physiological Modeling, Medical Imaging Instrumentation;
- Demonstrate strong experience in undergraduate course development and teaching. Ability to effectively teach key fundamental and applied BME program courses up to 3<sup>rd</sup> year;
- Strong BME research profile with evidence of peer reviewed publications/contributions and external grants (and/or participation in group grants and/or ability to attract multi-center grants). Ability to establish and maintain an independent, externally funded research program;
- Evidence of Clinical/Health research collaborations or strong potential/ability to attract Clinical/Health collaborative initiatives;
- Evidence of strong undergraduate guidance in Design and Innovation (Industrial experience or previous experience of guiding students and researchers will be a definite asset);
- Demonstrated (or the ability to participate in) leadership activities in collegial internal & external service.

Candidates must have a demonstrated commitment to upholding the values of equity, diversity, and inclusion as it pertains to service, teaching, and scholarly, research or creative activities. Professional Engineering (P.Eng.) registration (or eligibility to register) is a **necessary** condition for the appointment.

The review of applications will begin January 1, 2017. Applications will be accepted until the positions are filled.

For further details and to apply, please go to <http://www.ee.ryerson.ca/jobs.html>

*Ryerson University is strongly committed to fostering diversity within our community. We welcome those who would contribute to the further diversification of our staff, our faculty and its scholarship including, but not limited to, women, visible minorities, Aboriginal people, persons with disabilities, and persons of any sexual orientation or gender identity. Please note that all qualified candidates are encouraged to apply but applications from Canadians and permanent residents will be given priority. **Please CLEARLY indicate in your application if you are a Canadian Citizen or a permanent resident of Canada***