

Tenure Track Faculty Position in Electrical and Computer Engineering (Biomedical Engineering)

The Faculty of Engineering at McMaster University has a reputation for innovative programs, cutting-edge research, leading faculty, and aspiring students. It has earned a strong reputation as a centre for academic excellence and innovation. The Faculty has approximately 160 faculty members, along with close to 4,000 undergraduate and 750 graduate students. The Faculty of Engineering promotes a nurturing and inclusive environment where opportunities are made available for personal growth and professional development (<http://www.eng.mcmaster.ca/fda/>).

In partnership with the Faculty of Health Sciences, the Faculty of Engineering has established the McMaster School of Biomedical Engineering, which provides a unique collaborative environment for education and research that leverages our existing expertise in medical sciences and engineering, and links current and emerging areas of molecular, medical and bioengineering research. It is in that context that the Department of Electrical and Computer Engineering at McMaster is seeking an outstanding individual for a tenure-track Assistant Professor position in the area of Biomedical Engineering. The University is renowned for its research and education programs in the fields of Health Sciences and Engineering, and the Department is looking to build on that reputation by expanding its emerging profile of research at the interfaces of these fields, and by enriching its flourishing undergraduate program in Electrical and Biomedical Engineering. (More information on this program, and the Department as a whole, is available at <http://www.ece.mcmaster.ca>.) Applicants with expertise at any interface of electrical and computer engineering and the health sciences will be considered, but emphasis may be given to candidates with experience in the clinical applications of biomedical research, and those with expertise in the areas of neuro-technology or implantable devices.

Qualified candidates must have an earned Ph.D. and have demonstrated the potential for excellence in research, as well as having strong communication skills and being committed to education. They are also expected to have demonstrated an ability to work effectively with individuals from diverse communities and cultures. The successful candidate will be expected to establish a dynamic research program in their areas of expertise, to become an engaging teacher and mentor at both the undergraduate and graduate levels, and to make a strong commitment to curriculum development. The successful candidate will also be expected to explore opportunities for research collaborations across the Faculty of Engineering and across the University, especially those made possible by the McMaster School of Biomedical Engineering. The successful candidate will be expected to become registered with Professional Engineers, Ontario. There is a possibility for relocation benefits. Travel between McMaster University locations may be required.

All qualified applicants are encouraged to apply. However, Canadian citizens and permanent residents will be given priority. This position will ideally commence July 1, 2015. However, it will remain open until the position is filled. Applications by e-mail are encouraged. Interested applicants should send a letter of application, curriculum vitae, statements of teaching and research interests, a selection of research publications, and the names and contact information of at least three references to:

Faculty Search Committee (Biomedical)
Department of Electrical and Computer Engineering
McMaster University
1280 Main Street West, ITB A110
Hamilton, Ontario, L8S 4K1
Canada
Email: elecbiomed@mail2.ece.mcmaster.ca

McMaster University's beautiful campus is at the north-west end of Hamilton on the western end of Lake Ontario, between the Niagara Escarpment, conservation lands, and the Royal Botanical Gardens. Hamilton, with a population of over 500,000, is a vibrant community with easy access to Toronto and the Niagara region. It is located at the northern tip of an ecological zone commonly called the Carolinian Forest that encompasses the southernmost portion of Ontario but occurs nowhere else in Canada. As a result, Hamilton is home to many unique species of plants and animals that only occur here because the summer climate approaches that of North and South Carolina in the United States.

McMaster University is strongly committed to employment equity within its community and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates including women, persons with disabilities, First Nations, Metis and Inuit persons, members of racialized communities and LGBTQ-identified persons. If you require any form of accommodation throughout the recruitment and selection procedure, please contact the Human Resources Service Centre at (905) 525 9140, Extension 222-HR (22247).