



Carleton
UNIVERSITY

Canada's Capital University

Systems and Computer Engineering

4456 Mackenzie Building
1125 Colonel By Drive
Ottawa, Canada K1S 5B6
Tel: (613) 520-5741
Fax: (613) 520-5727

Systems and Computer Engineering (Biomedical Engineering (ECE)) - Assistant Professor/Associate Professor
(Applications Will Be Considered Until the Position is Filled)

The Department of Systems and Computer Engineering invites applications from qualified candidates for an appointment in the field of biomedical engineering at the rank of Assistant/Associate Professor beginning July 1, 2015, or whenever the position is filled.

The candidate is expected to establish and lead a strong externally funded research program in the area of Biomedical Engineering (ECE), which includes interdisciplinary collaborations external to Carleton (e.g., industry, hospitals, and government agencies) and provides excellent training opportunities.

The candidate is expected to demonstrate excellence in teaching at both undergraduate and graduate levels, including the delivery of biomedical, electrical, and computer engineering courses, as well as the supervision of undergraduate students and graduate students at the Masters and Doctoral level. The candidate is expected to contribute in efforts in program improvements, including curriculum development, accreditation, and quality assurance reviews.

The candidate is expected to play an active role in continuing to grow Carleton University's reputation and capacity for teaching and research in biomedical engineering.

The Department of Systems and Computer Engineering is a research-intensive department and hosts a large and active community of some 45 research faculty and adjunct professors and over 240 graduate students in several programs. In addition, the Department participates in a broad range of undergraduate and graduate programs covering the ECE spectrum, including a B.Eng. in Biomedical and Electrical Engineering and M.A.Sc. in Biomedical Engineering, which is part of the Ottawa-Carleton Institute for Biomedical Engineering. Full advantage is taken of the high concentration of industry, government, and university technology organizations in the Ottawa area.

The position requires a PhD in Biomedical Engineering, Electrical & Computer Engineering, or equivalent, and membership in a Canadian professional engineering association, or evidence that membership in such an association can be secured within two years. Strong candidates should be able to demonstrate research excellence in biomedical engineering (e.g., medical instrumentation, medical devices, biomedical signal processing, biomedical image processing, biomedical informatics) and teaching excellence.

Applicants should send one PDF document that includes: a cover letter, curriculum vitae (including a list of publications), five-year research plan, teaching dossier (including a teaching philosophy statement), and the names of three referees. Applications should be sent electronically to Biomedical@sce.carleton.ca.

Applicants who are selected for an interview will be asked to submit a teaching preference form. The search is now open and completed applications will be accepted until a suitable candidate is selected.

Please indicate in your application if you are a Canadian citizen or permanent resident of Canada.

Located in Ottawa, Ontario, Carleton University is a dynamic and innovative research and teaching institution committed to developing solutions to real world problems by pushing the boundaries of knowledge and understanding daily. Its internationally recognized faculty, staff, and researchers provide more than 27,000 full- and part-time students from every province and more than 100 countries around the world with academic opportunities in more than 65 programs of study. Carleton's creative, interdisciplinary, and international approach to research has led to many significant discoveries and creative work in science and technology, business, governance, public policy, and the arts.

Minutes from downtown, Carleton University is located on a beautiful campus, bordered by the Rideau River and the Rideau Canal. With over 12 national museums and the spectacular Gatineau Park close by, there are many excellent

recreational opportunities for individuals and families to enjoy. The City of Ottawa, with a population of almost one million, is Canada's capital city and reflects the country's bilingual and multicultural character. Carleton's location in the nation's capital provides many opportunities for research with groups and institutions that reflect the diversity of the country.

Carleton University is strongly committed to fostering diversity within its community as a source of excellence, cultural enrichment, and social strength. We welcome those who would contribute to the further diversification of our University including, but not limited to, women, visible minorities, Aboriginal peoples, persons with disabilities, and persons of any sexual orientation or gender identity. Those applicants that are selected for an interview will be requested to contact the Chair of the Search Committee as soon as possible to discuss any accommodation requirements. Arrangements will be made to accommodate requests in a timely manner.

All qualified candidates are encouraged to apply. Canadians and permanent residents will be given priority. All positions are subject to budgetary approval.