

Assistant Professor, Electrical and Computer Engineering, Faculty of Engineering, University of Manitoba

The **Department of Electrical and Computer Engineering**, University of Manitoba, invites applications for a tenure-track Assistant Professor position. Applicants must hold a PhD in Electrical and/or Computer Engineering, or in a related area. The Department seeks applicants having a strong research record in at least one of four broad areas of specialization: 1) Electronic/photonic materials; 2) Computational intelligence, machine learning, and big-data analytics; 3) Embedded systems, controls, and robotics; 4) Wireless communications. Applicants possessing research expertise in these areas and who are interested in their application to biomedical engineering are also encouraged to apply. Applicants must be eligible for registration as a Professional Engineer with Engineers Geoscientists Manitoba.

The Department offers two accredited undergraduate programs in Computer Engineering and Electrical Engineering, with over 450 students. It has a very strong graduate teaching and research program with over 200 graduate students pursuing either the Ph.D. or M.Sc. degree. The Department is comprised of 30 academic staff, 16 support staff and typically over 30 postdoctoral fellows, visiting scholars and adjunct professors. It maintains substantially funded research activities with industrial partners and government research laboratories, and is home to two Canada Research Chairs and one NSERC Industrial Research Chair. Additional information on the Department can be found at our website ([ECE](#)).

The University of Manitoba is located in Winnipeg, a cosmopolitan city with a population of over 750,000. Winnipeg is a culturally diverse community and is known for its variety of summer and winter festivals. The city has all the facilities of a major centre, but with the atmosphere of a smaller, friendlier city. It provides a high quality of life at modest expense and offers access to some of the most beautiful lake country and recreational facilities in North America. The public education system is very good, and a wide variety of private schools are also available. For more information about the city of Winnipeg please visit [Tourism Winnipeg](#), and [City of Winnipeg](#).

The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, members of racialized communities, Indigenous persons, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Applicants, please send a curriculum vitae, a brief research plan, a statement of teaching interests, and the names and addresses of three (3) references, to Dr. Joe LoVetri, Professor and Head, Department of Electrical and Computer Engineering, University of Manitoba, via Email to Ms. Janine Drennan-Alsip (Janine.Drennan@UManitoba.Ca), referring to position #24319 in the subject heading. The research plan should describe how your research interests could fit within the Department's current research interests and research groups.

Review of applications will begin on **October 15, 2017** and will continue until the position is filled. The expected start-date for the successful applicant is January 1, 2018, or as soon as possible thereafter.

Application materials, including letters of reference, will be handled in accordance with the protection of privacy provisions of *The Freedom of Information and Protection of Privacy Act* (Manitoba). Please note that all application materials may be provided to participating members of the search process.