



**AUTHORIZATION TO ADVERTISE ACADEMIC VACANCY**

**IN CANADIAN ASSOCIATION OF UNIVERSITY TEACHERS (CAUT) BULLETIN**

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Department of Electrical and Computer Engineering, Canada Research Chair Tier-1

In the heart of the Waterloo region and at the forefront of innovation, the University of Waterloo is home to world-changing research and inspired teaching. At the hub of a growing network of global partnerships, Waterloo is shaping the future by building bridges with industry and between disciplines, institutions and communities.

The Department of Electrical and Computer Engineering in the Faculty of Engineering at the University of Waterloo is accepting internal and external applications for a Tier-1 Canada Research Chair (CRC), established by the Government of Canada to enable Canadian universities to foster research excellence ([www.chairs-chaire.gc.ca](http://www.chairs-chaire.gc.ca)). The position will begin in September 2018.

A Tier-1 CRC candidate must have a Ph.D. in Electrical Engineering, Computer Engineering, or a related discipline. The successful candidate should be a Full Professor, or an Associate Professor who is expected to be promoted to the full professor level within one or two years of the nomination. The successful candidate is an outstanding, innovative world-class researcher whose accomplishments include initiating or leading a field of research. The candidate will have a proven track record of teaching excellence. As a leading researcher, the candidate will have the ability to leverage the department's existing world-class infrastructure, as well as identify opportunities for growth. The candidate will have a superior record of obtaining competitive external research funding and attracting and supervising graduate students and postdoctoral fellows. The successful candidate will develop collaborative multidisciplinary research programs with faculty, graduate students, and postdoctoral fellows from across the University, as well as outside of the University of Waterloo. The candidate will propose an original, innovative research program of the highest quality, demonstrating strong alignment with Waterloo's [Strategic Research Plan](#).

Duties include research, teaching at the undergraduate and graduate levels (including supervision of graduate research work), and service to the Department. Nominations for Canada Research Chairs (CRC) are subject to review by the CRC Secretariat, and appointment as a CRC is conditional upon CRC's approval. The University of Waterloo is committed to providing the candidate with the support required to secure the CRC. The successful candidate will have a reduced teaching load during the term of the CRC. Information about the program, including further details on eligibility criteria can be found on the Canada Research Chairs website: <http://www.chairs-chaire.gc.ca>. In addition to the preceding criteria, the candidate's potential to contribute to Waterloo's research environment and values of equity, diversity and inclusivity in research, teaching and the workplace will be considered. Based on qualifications and rank hired, annual salary will typically range from \$150,000 to \$200,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates.

Screening will begin immediately upon receipt of a complete application. To ensure full consideration, the application must be received by December 15, 2017. Applicants should electronically submit:

1. a CV, and
2. a 2-page proposal detailing the following:
  - synergy with the University of Waterloo's [Strategic Research Plan](#),
  - benefit to the Department's research profile, and
  - plans to provide research leadership.

Applications should be submitted to:

Mary McColl, Assistant to the Chair  
Department of Electrical and Computer Engineering  
Faculty of Engineering  
University of Waterloo  
Email: [memccoll@uwaterloo.ca](mailto:memccoll@uwaterloo.ca)

Inquiries/questions about the process should be directed to:

Dr. Vincent Gaudet, c/o Mary McColl, Assistant to the Chair  
Department of Electrical and Computer Engineering  
Faculty of Engineering  
University of Waterloo  
Email: [memccoll@uwaterloo.ca](mailto:memccoll@uwaterloo.ca)

The Department of Electrical and Computer Engineering currently has more than 90 faculty members and is one of the largest engineering departments in Canada. Undergraduate programs in computer engineering, electrical engineering, software engineering (offered jointly with the David R. Cheriton School of Computer Science), mechatronics engineering (offered jointly with the Departments of Mechanical and Mechatronics Engineering and Systems Design Engineering), nanotechnology engineering (offered jointly with the Departments of Chemistry and Chemical Engineering), and biomedical engineering (offered jointly with several departments including Systems Design Engineering) attract outstanding students – domestic and international. The Department administers a world-class graduate program which drives cutting-edge research excelling in technological innovations and encompassing all major areas of electrical and computer engineering. The Department's research is led by faculty who are internationally recognized for their expertise, and holders of many prestigious awards and research chairs. For more information, please visit: <https://uwaterloo.ca/electrical-computer-engineering/>.

The University of Waterloo respects, appreciates and encourages diversity and is committed to accessibility for persons with disabilities. We welcome applications from all qualified individuals including women, members of visible minorities, Aboriginal (Indigenous) peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. The successful applicant is expected to have an engineering license for practice in Canada or to apply for an engineering license or limited engineering license with Professional Engineers Ontario within five years.

"Three reasons to apply: <http://uwaterloo.ca/fauw/why>."

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Signature of Chair/Director \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Dean \_\_\_\_\_ Date: \_\_\_\_\_

Approved: Vice-President Academic & Provost \_\_\_\_\_ Date: \_\_\_\_\_