Professor and Department Chair, Electrical and Computer Engineering, Faculty of Engineering, University of Waterloo

Ranked #1 in Canada and in the top 50 engineering Faculty’s in the world, University of Waterloo Faculty of Engineering occupies a singular space in the world of technology and innovation because of our unique co-operative education program, entrepreneurship ecosystem, and our strong partnership with industry.

The Department of Electrical and Computer Engineering in the Faculty of Engineering in Waterloo, Ontario is searching its next Department Chair. Home to 2,500 undergraduate students, 600 graduate students, 51 staff, and 97 faculty members, this vibrant engineering Department is one of the largest in Canada, providing a unique and innovative environment for research and learning.

Our strong interdisciplinary model combines the disciplines of Computer Engineering, Electrical Engineering, Software Engineering (jointly with David R. Cheriton School of Computer Science), Mechatronics Engineering (jointly with the Departments of Mechanical and Mechatronics Engineering and Systems Design Engineering), Nanotechnology Engineering (jointly with the Departments of Chemistry and Chemical Engineering), and Biomedical Engineering (jointly with several departments including Systems Design Engineering).

Waterloo attracts outstanding students, both domestic and international. Our world-class graduate program includes research-based and course-based Master’s programs, and a PhD program. Our faculty and students are engaged in cutting-edge research that is advancing technological innovations in all major areas of electrical and computer engineering. Our graduates are highly sought around the world for their exceptional technical training and abilities.

The department’s vast research work is led by faculty members who are internationally recognized for their expertise and are holders of many prestigious awards (21 active IEEE Fellows, 10 Canadian Academy of Engineering Fellows, 4 Royal Society of Canada Fellows, etc.) and 19 Research Chairs. The core areas of research and teaching within the Department include: communications and information systems, silicon devices and integrated circuits, power and energy systems, pattern analysis and machine intelligence, computer hardware, computer software, systems and control, antennas, microwaves and wave optics, nanotechnology, quantum information, and biomedical engineering. The Department’s success has led to rapid expansion, with 14 new faculty hires since 2014, who are shaping the Department’s research agenda and expertise to align with targeted research areas. The Department’s research strengths are summarized at [https://uwaterloo.ca/electrical-computer-engineering/research](https://uwaterloo.ca/electrical-computer-engineering/research).

The Chair will lead the Department in implementing its ambitious strategic plan for education and research and will play a crucial role in shaping the direction of Waterloo’s Faculty of Engineering. The successful candidate will be appointed at the rank of tenured Professor and is expected to have a distinguished record of teaching, research, and service. The appointee will be a person of academic stature, with demonstrated leadership, academic, educational, and administrative credentials. The first term of office for a Department Chair is four years, renewable for an additional four years. Following the term(s) of appointment as Chair, the appointee will assume regular faculty member duties within the Department.

The successful applicant will have a relevant PhD degree, and is expected to hold a professional engineering license for practice in Canada or be eligible to apply for a license with Professional Engineers Ontario immediately upon appointment.

The University of Waterloo is a world leader in innovation and entrepreneurialism. QS World University Rankings ranks Waterloo’s Faculty of Engineering as amongst the top 50 engineering schools worldwide. With more than 42,000 students attending annually, Waterloo is #1 in Canada for experiential learning and
employer-student connections. Located at the heart of Canada's Technology Triangle, just west of Toronto, our researchers and students benefit from close connections with Canada's highest concentration of high-technology and manufacturing companies, as well as University of Waterloo's unique intellectual property policy which ensures your work is your property – 100% of the ideas developed at Waterloo are owned by creators. If you are entrepreneurial, Waterloo is the ideal university for you with a wide range of resources ready to support your success.

The base salary range for the position is $175,000 to $250,000. Negotiations beyond this range will be considered for exceptionally qualified candidates.

Applications and nominations should include a detailed curriculum vitae, and personal statements on administrative responsibilities held, teaching, and research experience, and future vision, along with three references. The successful candidate is expected to take office by January 1, 2022. The Search Committee will begin to review complete applications upon receipt; however, to ensure full consideration, applications must be received by July 15, 2021. The Search Committee is committed to respecting the confidentiality of applicants. Send applications and nominations to:

Dr. Mary A. Wells  
Dean, Faculty of Engineering  
University of Waterloo  
200 University Avenue West  
Waterloo, Ontario  
Canada N2L 3G1  
dean.engineering@uwaterloo.ca

If you have any questions regarding the position, the application process, assessment process, eligibility, or a request for accommodation during the hiring process, please contact Fred Zhu, Executive Officer, at fred.zhu@uwaterloo.ca.

The University of Waterloo regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. As such, we encourage applications from women, persons with disabilities, Indigenous peoples, members of visible minorities, and others who may contribute to the further diversification of ideas. At Waterloo, you will have the opportunity to work across disciplines and collaborate with an international community of scholars and a diverse student body, situated in a rapidly growing community that has been termed a "hub of innovation."

All qualified candidates are encouraged to apply, however Canadians and permanent residents will be given priority.

Three reasons to apply: https://uwaterloo.ca/faculty-association/why-waterloo.