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

The Department of Electrical and Computer Engineering in the Faculty of Engineering at the University of Waterloo is inviting applications and nominations for the position of Department Chair. The successful candidate will be appointed at the rank of tenured Professor and is expected to have a distinguished record of teaching and research. 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.

Home to 2,500 undergraduate students, 600 graduate students, 51 staff, and 97 faculty members, the Department is one of the largest engineering departments in Canada, providing a unique and innovative environment for research and learning, centered around the application of electrical and computer engineering to better understand and change the world. The Department offers Canada's oldest and largest co-operative education undergraduate programs in 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) attracting outstanding students, both domestic and international. The department also administers a world-class graduate program, which includes research-based as well as course-based Master's programs, and a PhD program which drives cutting-edge research excelling in technological innovations and encompassing all major areas of electrical and computer engineering. Our graduates are highly sought out all around the world for their exceptional technical training and abilities.

The department's research is led by faculty members who are internationally recognized for their expertise and holders of many prestigious awards (21 active IEEE Fellows, 10 Canadian Academy of Engineering Fellows, 4 Royal Society of Canada Fellows, etc.) and nineteen Research Chairs. The core areas of research and teaching within the Department include, among others: 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. 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 strategic plan for education and research, and will play a crucial role in shaping the direction of the Faculty of Engineering. 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. 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 vests the rights with the inventor. QS World University Rankings ranks Waterloo’s Faculty of Engineering as amongst the top 50 engineering schools worldwide.

The base salary range for the position is $175,000 to $225,000. 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 **July 1, 2021**. The Search Committee will begin to review complete applications upon receipt; however, to ensure full consideration, applications must be received by **June 30, 2020**. The Search Committee is committed to respecting the confidentiality of applicants. Send applications and nominations to:

Dr. Rick Culham  
Interim Dean, Faculty of Engineering  
University of Waterloo  
200 University Avenue West  
Waterloo, Ontario  
Canada N2L 3G1  
engeo@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](https://uwaterloo.ca/faculty-association/why-waterloo).