

## **Department Chair, Mechanical and Mechatronics Engineering, Faculty of Engineering, University of Waterloo**

The Department of Mechanical and Mechatronics 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 a tenured full professor and is expected to have a distinguished record of teaching and research. They will be a person of academic stature, with demonstrated leadership, academic, educational, and administrative qualities. The first term of office for a department chair is four years, renewable for an additional four years. Following the appointment as Chair, the appointee will assume regular faculty member duties within the Department.

Home to 2,400 undergraduate students, 400 graduate students, 40 staff, and 65 faculty members, the Department is a unique and innovative research and learning environment, centered around the application of mechanical and mechatronics engineering to better understand and change the world.

The Department offers Canada's oldest and largest co-operative education undergraduate degrees, as well as Master and Ph.D. programs, attracting the best and brightest students from across Canada and around the world. Core areas of research and teaching within the Department include: materials engineering and processing, solid-body mechanics and design, fluid mechanics, thermal engineering, and automation and controls. The Department's success has led to rapid expansion, with 24 new faculty hires since 2014, plus additional hires planned for the immediate future, who will shape the Department's research agenda and expertise to align with targeted research areas. The world-class research of our faculty and students is spurring innovation in a diversity of application areas that include: autonomous navigation and human-robot interaction; advanced manufacturing; mechatronics systems; green energy; and biomechanics and health engineering. Our research strengths are summarized at <https://uwaterloo.ca/mechanical-mechatronics-engineering/research>.

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 Department is keen to continue to advance its position and profile by educating first rate engineers and highest calibre researchers in Mechanical and Mechatronics Engineering. 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 an engineering license for practice in Canada or be eligible to apply for a license with Professional Engineers Ontario immediately upon appointment.

The base salary range for the position is \$150,000 to \$200,000. Negotiations beyond this range will be considered for exceptionally qualified candidates.

Applications and nominations should include a detailed curriculum vitae, a brief statement of administrative, teaching and research experience, and references. The successful candidate is expected to take office by **January 1, 2021**. The committee will begin to review complete applications upon receipt; however, to ensure full consideration, applications must be received by **April 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](mailto: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.”

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