MECHATRONICS, AUTONOMOUS / INTELLIGENT SYSTEMS

The Department of Mechanical and Mechatronics Engineering in the Faculty of Engineering at the University of Waterloo invites applications for exceptional scholars and researchers for one tenure track position at the rank of **Assistant Professor in Mechatronics, Autonomous / Intelligent systems** with an anticipated start date in **September 2025**. In the case of an exceptional candidate, an appointment at the rank of Associate Professor or Full Professor will be considered.

The successful candidate must have a PhD in Mechanical Engineering or an equivalent discipline. **Applicants with theoretical and experimental expertise that complement or fit with the Automation and Controls group and can leverage existing infrastructure will be prioritized.** Duties include research, teaching at the undergraduate and graduate level, and supervising graduate students. The ability to develop and teach an array of traditional and on-line courses is required.

The salary range for this position is $120,000 to $160,000 CAD. The closing date for applications is **January 31, 2025**. The successful applicant is required to have an engineering license for practice (full) or teaching (limited) in Canada, or to apply for a Canadian engineering license within the first year of joining the University. Due to program accreditation requirements, all new faculty members are required to obtain the license within five years of initial appointment at the University of Waterloo, and maintain it during their employment at the University.

To apply, individuals are to complete an online application form that includes loading a single pdf containing: a cover letter, full curriculum vitae, concise 1-page research vision (short term and long-term vision) and 1-page teaching vision statements (qualification, methods, and topics), and copies of three publications related to the previously described research. Three letters of reference will be requested for applicants invited for an interview.

The link to apply is here: https://uwaterloo.ca/engineering/application-faculty-opening-autonomous-intelligent-systems-2024

The cover letter to be addressed to:
 Dr. Michael Collins
 Chair, Department of Mechanical and Mechatronics Engineering
 University of Waterloo

Within Canada's premier engineering program, the A&C group in the Department of Mechanical & Mechatronics Engineering serves as the nucleus for 18 faculty members, including three Canada Research Chairs, dedicated to pioneering research in Advanced/Additive Manufacturing, Autonomous Mobility, Intelligent Robotics, and Interdisciplinary Mechatronics. Anchored by state-of-the-art facilities like Waterloo Robohub, Mechatronic Vehicle Systems (MVS) Lab and Multi-Scale Additive Manufacturing (MSAM) Lab, it stands as a beacon of excellence in engineering innovation. Alongside spearheading a world-class research agenda, the ideal candidate will engage in teaching both foundational and advanced subjects within the field of mechatronics engineering, inspiring our undergraduate and graduate students for a better tomorrow.

Information about the Faculty, Department and Research Group can be found at the following links: https://uwaterloo.ca/engineering/ and https://uwaterloo.ca/mechanical-mechatronics-engineering/ and https://uwaterloo.ca/mechanical-mechatronics-engineering/research/automation-and-controls-research

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Indigenous Initiatives Office (https://uwaterloo.ca/human-rights-equity-inclusion/indigenousinitiatives).

The University values the diverse and intersectional identities of its students, faculty, and staff. The University regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism and inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+.

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any application, interview or workplace accommodation requests, please email autonomous-intelligent-systems@uwaterloo.ca

If you have any questions regarding the position, the application process, assessment process, or eligibility, please email autonomous-intelligent-systems@uwaterloo.ca

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.