



**Tenure-Track Faculty Position in Robotics and/or Mechatronics Engineering
Department of Electrical and Computer Engineering
Faculty of Engineering and Applied Science
Queen's University at Kingston, Canada**

November 2019

The [Department of Electrical and Computer Engineering](#) in the [Faculty of Engineering and Applied Science](#) at [Queen's University](#) invites applications for a tenure-track faculty position at the rank of Assistant Professor with specialization in a field related to robotics and/or mechatronics engineering, including but not limited to intelligent systems engineering, machine learning and AI, autonomous systems, computer vision, smart environments, VR/AR, and HRI. The successful candidate's teaching will primarily support a new undergraduate program in Mechatronics and Robotics Engineering, which is a planned joint initiative between the Department of Electrical and Computer Engineering and the Department of Mechanical and Materials Engineering. The successful candidate will also have the opportunity to seek membership with the [Ingenuity Labs Research Institute](#), which brings together researchers from across the engineering disciplines and the University to promote interdisciplinary collaborations and innovation. The Institute's focus and expertise spans a continuum—from artificial intelligence, machine learning, and cyber-human systems, to robot control, smart sensors, and mechatronic devices. The preferred start date is July 1, 2020.

Among our top priorities in the Faculty of Engineering and Applied Science is providing opportunities for early career academics to develop distinguished research and exceptional teaching contributions while fostering an environment where all faculty can thrive. To promote on-going success, there is support for course development and delivery that is provided by the Department, the Queen's Centre for Teaching and Learning, and the Faculty of Engineering and Applied Science. Faculty have access to a range of educational technologies including industry-leading instructional design support offered through the [Engineering Teaching and Learning Team](#). Support for faculty to develop strong research programs includes Special Research Grant opportunities, grant writing workshops and review services, and one-to-one mentorship from experienced colleagues.

The successful candidate will provide evidence of high-quality scholarly output that demonstrates potential for independent research leading to peer assessed publications

and the securing of external research funding. The candidate must also be able to teach courses at both the undergraduate and graduate levels, demonstrate an ongoing commitment to academic and pedagogical excellence in support of the department's programs, and provide evidence of an ability to work collaboratively in an interdisciplinary and student-centered environment. The successful candidate will be required to make contributions through service to the department, the Faculty, the University, and/or the broader community.

The successful candidate must have a PhD in Electrical and Computer Engineering or related discipline completed at the start date of the appointment. The main criteria for selection are research and teaching excellence. Postdoctoral or industrial experience will be considered an asset. Registration as a Professional Engineer in Canada, or eligibility to acquire registration in Ontario, is a requirement. Salary will be commensurate with qualifications and experience.

[Queen's University](#) is one of Canada's leading research-intensive universities with a global reputation and is a recognized leader in Canadian higher education. The [Department of Electrical and Computer Engineering](#) has 30 full-time and 7 cross-appointed faculty, 712 undergraduate students, and 222 graduate students. The Department offers undergraduate, Master's, and Doctoral Programs in electrical and computer engineering and has recently launched a unique entrepreneurial engineering program referred to as ECE Innovation Stream, ECEi.

People from across Canada and around the world come to learn, teach and carry out research at Queen's. Faculty and their dependants are eligible for an extensive benefits package including prescription drug coverage, vision care, dental care, long term disability insurance, life insurance and access to the Employee and Family Assistance Program. You will also participate in a pension plan. Tuition assistance is available for qualifying employees, their spouses and dependent children. Queen's values families and is pleased to provide a 'top up' to government parental leave benefits for eligible employees on maternity/parental leave. In addition, Queen's provides partial reimbursement for eligible daycare expenses for employees with dependent children in daycare. Details are set out in the Queen's-QUFA Collective Agreement. For more information on employee benefits, see [Queen's Human Resources](#).

Additional information about Queen's University can be found on the [Faculty Recruitment and Support](#) website. The University is situated on the traditional territories of the Haudenosaunee and Anishinaabe, in historic Kingston on the shores of Lake Ontario. Kingston's residents enjoy an outstanding quality of life with a wide range of cultural, recreational, and creative opportunities. Visit [Inclusive Queen's](#) for information on equity, diversity and inclusion resources and initiatives.

The University invites applications from all qualified individuals. Queen's is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, Aboriginal peoples, persons with disabilities, and LGBTQ persons. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority. To comply with federal laws, the University is obliged to gather statistical information as to how many applicants for each job vacancy are Canadian citizens / permanent residents of Canada. Applicants need not identify their country of origin or citizenship; however, all applications must include one of the following statements: "I am a Canadian citizen / permanent resident of Canada"; OR, "I am not a Canadian citizen / permanent resident of Canada". Applications that do not include this information will be deemed incomplete.

In addition, the impact of certain circumstances that may legitimately affect a nominee's record of research achievement will be given careful consideration when assessing the nominee's research productivity. Candidates are encouraged to provide any relevant information about their experience and/or career interruptions.

A complete application consists of:

- a cover letter (including one of the two statements regarding Canadian citizenship / permanent resident status specified in the previous paragraph);
- a current Curriculum Vitae (including a list of publications);
- a statement of research interests;
- a statement of teaching interests and experience (including teaching outlines and evaluations if available);
- a statement of commitment to – as well as ideas and any experience on how to – ensure equity, diversity and inclusivity in scholarly activities; and,
- Three letters of reference to be sent directly to the Appointments Committee c/o Cheryl Wright at cheryl.wright@queensu.ca.

The deadline for applications is January 17, 2019; however, applications will continue to be reviewed until the position is filled. Applicants are encouraged to send all documents in their application packages electronically as PDFs to the ECE Appointments Committee c/o Cheryl Wright at cheryl.wright@queensu.ca although hard copy applications may be submitted to:

ECE Appointments Committee
c/o Cheryl Wright
Department of Electrical and Computer Engineering
Room 416, Walter Light Hall
19 Union Street West
Queen's University

Kingston, Ontario
CANADA K7L 3N6

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact Cheryl Wright in the Department of Electrical and Computer Engineering, at cheryl.wright@queensu.ca.

Academic staff at Queen's University are governed by a [Collective Agreement](#) between the University and the [Queen's University Faculty Association \(QUFA\)](#), which is posted at <http://queensu.ca/facultyrelations/faculty-librarians-and-archivists/collective-agreement> and at <http://www.qufa.ca>.