



**Tenure-Track Faculty Position
Department of Electrical and Computer Engineering
Queen's University at Kingston, Canada**

October 2020

The [Department of Electrical and Computer Engineering](#) in the [Faculty of Engineering and Applied Science](#) at [Queen's University](#) invites applications for two (2) tenure-track faculty positions at the rank of Assistant Professor with specialization in a field related to robotics and/or mechatronics engineering, including, but not limited to, autonomous systems, machine learning and AI, intelligent systems engineering, human robot interaction, smart environments, computer vision and virtual reality/augmented reality. The preferred start date is July 1, 2021.

The successful candidate(s) must have completed a PhD in electrical engineering, computer engineering or a related discipline completed by the start date of the appointment. Postdoctoral and/or industrial experience will be considered an asset. Professional engineering licensure in Canada, or the eligibility to obtain licensure, is a requirement. Note that all forms of engineering licensure in Canada are considered acceptable (e.g. P.Eng., temporary engineering license, provisional engineering license, etc.).

Candidates must provide evidence of high-quality scholarly research expertise that complements existing research areas in the department that is demonstrated through peer reviewed publications and external research funding. They will have a demonstrated aptitude for teaching courses at the undergraduate and graduate levels, with a clear commitment to academic excellence, and will provide evidence of their ability to work collaboratively in an interdisciplinary and student-centered environment. Teaching at the undergraduate-level will primarily support a new degree program in Mechatronics and Robotics Engineering jointly offered with the Department of Mechanical and Materials Engineering. The successful candidate will be required to make contributions through service to the Department, the Faculty, the University, and/or the broader community. 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 Faculty of Engineering and Applied Science is home to the [Ingenuity Labs Research Institute](#), which brings together researchers whose research programs span from artificial

intelligence and machine learning to robot control, smart sensors, and mechatronic devices. The Department of Electrical and Computer Engineering has 30 full-time and 8 cross-appointed faculty, 756 undergraduate students, and 180 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. The Department of Electrical and Computer Engineering is home to [Queen's Centre for Energy and Power Electronics Research \(ePOWER\)](#) and has connections to a number of multi-disciplinary Centres such as [CMC Microsystems](#), [Nanofabrication Kingston](#), [Human Mobility Research Centre](#), [Green Centre Canada](#), [Innovation Park](#), and the [Dunin-Deshpande Queen's Innovation Connector](#).

Among our top priorities in the Faculty of Engineering and Applied Science is providing opportunities for early career academics to develop exceptional research and teaching contributions while fostering an inclusive environment where all faculty can thrive. 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. To promote on-going teaching success, there is support for course development and delivery provided by [the Queen's Centre for Teaching and Learning](#), the [Engineering Teaching and Learning Team](#), the Department of Electrical and Computer Engineering and the Faculty of Engineering and Applied Science.

Queen's historic campus is located in the heart of the vibrant Kingston community in the Thousand Islands region of South Eastern Ontario. Queen's is positioned centrally with respect to three major metropolitan areas: Toronto, Montreal, and Ottawa. Faculty and their dependents 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 strongly committed to employment equity, diversity, and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous/Aboriginal people, women, persons with disabilities, and 2SLGBTQ+

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 about 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;
- 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;
- three sample publications; and,
- the names and contact information of three referees.

Applicants are requested to send their application package electronically as a single PDF file to the Department Head, Prof. Carlos Saavedra, at ece-search@queensu.ca with the following subject line: Application for Faculty Position. The deadline for applications is December 15, 2020; however, applications will continue to be reviewed until the position is filled.

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 Ms. 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 Queen's University Faculty Association (QUFA) and the University, which is posted at <http://www.queensu.ca/facultyrelations/faculty-librarians-and-archivists/collective-agreement> and at <http://www.qufa.ca>.