



**Tenure-Track Appointment  
Process Systems Engineering in Chemical Engineering  
Queen's University**

*Queen's University is situated on traditional Anishinaabe and Haudenosaunee Territory.*

The Department of Chemical Engineering, Faculty of Engineering and Applied Science, at Queen's University invites applications for a **tenure-track faculty position in Process Systems Engineering** at the rank of Assistant Professor. The preferred start date for the appointment is January 1, 2023.

**Criteria:**

The successful candidate must hold a Ph.D. in Engineering Chemistry or Chemical Engineering, or a related discipline completed at the start date of the appointment, preferably combined with postdoctoral and/or industrial and/or post-secondary teaching experience.

The main criteria for selection are:

- evidence of high-quality scholarly output that demonstrates potential for independent research leading to peer assessed publications and the securing of external research funding
- strong potential for outstanding teaching contributions at both the undergraduate and graduate levels, and an ongoing commitment to academic and pedagogical excellence in support of the department's programs
- demonstrate an ability to work collaboratively in an interdisciplinary and student-centred environment
- 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.).

Applications are encouraged from any field within Process Systems Engineering, including process control, optimization, systems biology, and data science. A particular focus on computational aspects of process systems engineering is desirable. Applications to strategic sectors including energy, advanced materials, and health-related systems are of particular interest. Our programs incorporate innovative approaches to engineering education, with an emphasis on developing technical and professional skills. The successful candidate will also be expected 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.

The [Queen's University Policy Regarding Mandatory Vaccination Requirements for In-person University Activities](#) requires **ALL** Community Members, including employees, to be Fully Vaccinated against COVID-19 prior to participating in any In-person University Activities. This is a condition of employment for all employees who are required to attend University Property to perform their employment responsibilities. Individuals who cannot be vaccinated due to **substantiated grounds** (medical and other protected grounds under the Ontario Human Rights Code) **may ask the University to validate the exemption** and request an accommodation in these rare circumstances. If approved, they will be subject to additional health and safety measures.

## Your Career with Queen's Engineering

Queen's University is one of Canada's leading research-intensive universities. The Chemical Engineering department is a medium-sized department with 23 faculty. The Department provides undergraduate programs in Chemical Engineering and Engineering Chemistry with 400+ undergraduate students currently enrolled in years 2 through 4 and has typical annual enrolments of 80-100 graduate students. Research strengths in the department include biomedical engineering; macromolecular science and technology; process analytics, optimization and control; sustainable energy sources, process and products; and environmental remediation. The department has a strong emphasis on inter-disciplinary education through its close collaboration with the Dunin-Deshpande Queen's Innovation Centre, and links to a number of multi-disciplinary centres at Queen's, including: Centre for Health Innovation, Green Centre Canada ([www.greencentrecanada.com](http://www.greencentrecanada.com)), Innovation Park ([www.innovationpark.ca](http://www.innovationpark.ca)), the Beaty Water Research Centre, Ingenuity Labs, and the Queen's Centre for Energy and Power Electronics Research (ePOWER) ([www.queensu.ca/epower](http://www.queensu.ca/epower)).

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 Chemical Engineering and the Faculty of Engineering and Applied Science. Queen's Engineering is also committed to promoting equity, diversity, and inclusivity in Engineering, supported by the recent establishment of a [Chair for Women in Engineering](#), the new [Engineering Strategic Plan](#), and [Engineering for Everyone](#).

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 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 preceding paragraph);
- a statement of teaching interests and experience (including teaching outlines and evaluations if available);
- a current Curriculum Vitae (including a list of publications);
- a statement of research interests;

- a statement of commitment to – as well as ideas and any experience on how to ensure equity, diversity, and inclusivity in scholarly activities; and
- the names and contact information of three referees.

Applications should be submitted on or before **June 20, 2022**. Applicants are encouraged to send all documents in their application package electronically as PDFs to April Hiles, Administrative Assistant for Chemical Engineering, at [april.hiles@queensu.ca](mailto:april.hiles@queensu.ca), although printed applications may be submitted to:

Dr. Brian Amsden  
Professor and Head  
Department of Chemical Engineering  
Faculty of Engineering and Applied Science  
Queen's University  
Kingston, Ontario K7L 3N6

The University will provide support in its recruitment processes to applicants with disabilities, including accommodations that consider an applicant's accessibility needs. If you require accommodation during the interview process, please contact April Hiles, Administrative Assistant for Chemical Engineering, at [april.hiles@queensu.ca](mailto:april.hiles@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>.