



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

The Department of Chemical Engineering, Faculty of Engineering and Applied Science, Queen's University invites applications for a tenure-track faculty position in Bioengineering at the rank of Assistant Professor. The preferred start date for the appointment is July 1, 2021.

Candidates must have 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. 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 have experience in either: sustainable bioprocessing and biochemical engineering; computational biology, genome-scale metabolic modeling and data analysis for bioprocess development; complex biological systems applied to water and waste treatment and reuse; synthetic biology applications for environmental and industrial biotechnology. Areas of application of interest are resource recovery, biorefining, renewable energy, carbon capture, water treatment, bioreactor design and Life Cycle Analysis.

A continuing commitment to high quality scholarly work that complements existing research areas in the department that is demonstrated through peer-reviewed publications and supervising undergraduate and graduate research students, is also expected. Candidates must provide evidence of an ability to work collaboratively in an interdisciplinary and student-focused environment. The successful candidate will contribute to academic and pedagogical excellence in support of the programs in the Department of Chemical Engineering, and will provide effective service contributions to the Department, the Faculty of Engineering and Applied Science, the University, and the broader community. Salary will be commensurate with qualifications and experience.

Queen's University is one of Canada's leading research-intensive universities. We are focused on being the quality leader in Canadian higher education and are dedicated to promoting research and scholarship of national and international distinction. The Chemical Engineering department is a medium-sized department with 22 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 90-100 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: the Human Mobility Research Centre (www.hmrc.ca), Green Centre Canada (www.greencentrecanada.com), Innovation Park (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).

People from across Canada and around the world come to learn, teach and carry out research at Queen's University. 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 **April 30, 2021**. Applicants are encouraged to send all documents in their application package electronically as PDFs to Head of Chemical Engineering, at cheehead@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 take into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact Head of Chemical Engineering, at cheehead@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>.