

Tier 2 Canada Research Chair in Nuclear Waste Storage Corrosion

**Department of Mechanical and Materials Engineering
Faculty of Engineering and Applied Science
Kingston**

October 2021

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

The Department of Mechanical and Materials Engineering applications for a **Tenure-track/Tenure faculty position at the rank of Assistant Professor or Associate Professor with specialization in nuclear waste storage corrosion**, with a preferred starting date of July 1, 2022. The position will support research in the area of corrosion of nuclear waste storage components, both for the existing CANDU fleet, and for the emerging SMR

invited to self-identify once they have applied. Self-identification information will be held in confidence by the Human Rights and Equity Office and one specially trained member of staff. Information will be held in confidence by the Human Rights and Equity Office and one specially trained member of staff.

The Department of Mechanical and Materials Engineering is comprised of approximately 30 faculty members, 600 undergraduate students, 150 graduate students, and it currently holds the inaugural Chair for Women in Engineering, Dr. Heidi Ploeg. Research in the Department is supported by four research chairs: a Tier 1 CRC in Mechanics of Materials, an NSERC Industrial Research Chair in Nuclear Materials, a University Network of Excellence in Nuclear Engineering (UNENE) Research Chair in Corrosion Control and Materials Performance, and a Tier 1 CRC in Computational Turbulence. The Department also boasts a number of world-class experimental research facilities, including the Reactor Materials Testing Laboratory ([RMTL](#)) and the Optical Towing Tank for Energetics Research Laboratory ([OTTER Lab](#)). More details about the Department can be found at me.queensu.ca.

Criteria:

Candidates must have a PhD or equivalent degree in Mechanical Engineering, or a related discipline, completed at the start date of the appointment.

The main criteria for selection are:

- demonstrated excellence in research, including a strong publication record commensurate with years since PhD obtained;
- expertise that complements existing research areas in the department;
- a high potential for excellence in teaching at both the undergraduate and graduate levels, and an ongoing commitment to academic and pedagogical excellence in support of the department ;
- evidence of 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.); and
- evidence of high-quality scholarly output that demonstrates potential for independent research leading to peer assessed publications and a comprehensive strategy and/or demonstrated ability to attract and retain external research funding.

The University is situated on the traditional territories of the Haudenosaunee and Anishinaabe, in

Kingston, Ontario
CANADA K7L 3N6

The University will provide support in its recruitment processes to applicants with disabilities,
If you require accommodation during the interview process, please contact the MME department at mmehead@queensu.ca.

[Collective Agreement](#) between the University and the _____, which is posted at <http://queensu.ca/facultyrelations/faculty-librarians-and-archivists/collective-agreement> and at <http://www.qufa.ca>.

Appointments are subject to review and final approval by the Provost. Only nominees external to

-1s will be considered as external nominees).