

The Department of Chemical Engineering (ChE) at the University of Waterloo is seeking an exceptional scholar and researcher for a tenure track position at the rank of Assistant Professor with an anticipated start date of September 1, 2024. In the case of exceptional candidates, appointments at the rank of Associate Professor will be considered.

The position is in Electrochemical Engineering, with a mission to advance the development of materials, devices and/or systems for electrochemical energy generation and storage. The position fits well with plans presently underway to build core battery fabrication and testing infrastructure that will engage the growing electric vehicle supply chain. The desired candidate will be expected to draw upon core chemical engineering principles and nanotechnology tools to develop solutions for scalable and sustainable manufacturing of current or next-generation electrode materials and architectures, as well as other advanced battery components, such as solid-state electrolytes and membranes.

The successful candidate must have a PhD in Engineering or an equivalent discipline and be capable of teaching a variety of courses in the chemical engineering and nanotechnology curricula. Evidence of an actively developing research program is required. Duties include research, teaching at the undergraduate and graduate levels, supervising graduate students, and service efforts of the Department and the University. Design or manufacturing experience is an asset, as are evidence of interdisciplinary collaboration in support of the scoping, development, evaluation, and implementation of solutions, and a demonstrated ability and interest to teach in open-ended problem-driven course formats.

The salary range for the position at the Assistant Professor rank is \$120,000 to \$160,000. Negotiations beyond this salary range will be considered for exceptionally qualified candidates. The successful applicant is required to have an engineering license for practice (full) or teaching (limited) in Canada, or to apply for a Canadian engineering license within the first year of joining the University. Due to program accreditation requirements, all new faculty members are required to obtain the license within five years of initial appointment at the University of Waterloo, and maintain it during their employment at the University.

The closing date for applications is March 1, 2024. Application materials must be submitted online as PDF files through the Online Faculty Application System (<https://ofas.uwaterloo.ca/>). Please include a cover letter, curriculum vitae, teaching, and research statements, up to three reprints of current journal articles and contact information for three individuals who will be called upon to provide letters of reference.

The link to apply is: <https://ofas.uwaterloo.ca/>

If you have any questions regarding the position, the application process, assessment process, eligibility, or a request for accommodation during the hiring process, please contact erene.georgiou@uwaterloo.ca.

The ChE department is one of the largest in Canada and is consistently ranked as one of the best in the country. The department is home to more than 40 faculty members and 200 graduate students. In addition to offering undergraduate and graduate programs in chemical engineering, the ChE department provides academic expertise and support to Waterloo's collaborative nanotechnology and biomedical engineering programs. The department's collaborative research culture, engaging teaching practices and state-of-the-art facilities create a vibrant learning environment where students are empowered to solve

the problems our world faces. The faculty of Engineering is the largest engineering school in Canada, with almost 10,500 students enrolled in 2019 and is typically ranked among the top 50 engineering schools worldwide and in the top 1 or 2 in Canada.

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Indigenous Initiatives Office (<https://uwaterloo.ca/human-rights-equity-inclusion/indigenousinitiatives>).

The University values the diverse and intersectional identities of its students, faculty, and staff. The University regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism and inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Three reasons to apply: <https://uwaterloo.ca/faculty-association/why-waterloo>.