

Associate or Full Professor in Experimental Quantum Information Science or Engineering

The Institute for Quantum Computing (IQC), the Faculty of Science and the Faculty of Engineering at the University of Waterloo (UW) is seeking an exceptional scholar and researcher for a senior hire at the Associate or Full Professor level, with an anticipated start date of September 1, 2021.

A PhD, demonstrated evidence of running a world-class research program in experimental quantum information science and technology, a clear vision of the future impact of quantum technology, and effective teaching are required. Responsibilities include the supervision of graduate students and teaching at the undergraduate and graduate levels. Based on qualifications, a salary range of \$175,000 to \$250,000 will be considered. Negotiations beyond this salary range will be considered for exceptionally qualified candidates. IQC, UW and the Canada First Research Excellence Fund program Transformative Quantum Technologies (TQT) are committed to providing an exceptional startup package to enable the establishment of an experimental effort capable of achieving breakthrough discoveries. The search is open to all areas of experimental quantum information. Full consideration for this position is assured only for applications received by December 1, 2020. Interested individuals should upload their application via the faculty application form at <https://uwaterloo.ca/institute-for-quantum-computing/available-positions> and arrange for three referees to upload letters of reference.

IQC is a collaborative research institute at the University of Waterloo focused on quantum information science and technology, ranging from the theory of quantum information to practical applications. At present, IQC has a complement of 32 faculty members 65 postdoctoral fellows and 150 graduate students from the Faculties of Engineering, Mathematics and Science. Membership in IQC is renewable and comes with research space, a teaching reduction of one course per year, and a stipend. Information about research at IQC can be found at <http://uwaterloo.ca/iqc/research>, and <https://tqt.uwaterloo.ca/>. Waterloo is extraordinarily rich in quantum activities, so much so that it has been branded the “Quantum Valley.” For IQC faculty, there are opportunities to engage with the Perimeter Institute for Theoretical Physics, the Quantum Valley Ideas Lab, and the many young quantum companies located around the university. The successful candidate will be appointed as a regular faculty member of the Department of Chemistry or Department of Physics & Astronomy within the Faculty of Science or the Department of Electrical and Computer Engineering within the Faculty of Engineering.

The University of Waterloo regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. As such, we encourage applications from women, persons with disabilities, Indigenous peoples, members of visible minorities, and others who may contribute to the further diversification of ideas. At Waterloo, you will have the opportunity to work across disciplines and collaborate

with an international community of scholars and a diverse student body, situated in a rapidly growing community that has been termed a “hub of innovation.”

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

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 the IQC Director at iqc-dtr@uwaterloo.ca.

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