

# Canada Research Chair Tier II in Quantum Information Science (Assistant Professor) University of Waterloo

The Institute for Quantum Computing (IQC) and the Faculty of Science at the University of Waterloo is seeking an exceptional scholar and researcher for a Tier 2 Canada Research Chair and tenure-track position at the rank of Assistant Professor, and in special cases Associate or Full Professor, with an anticipated start date of July 1, 2019. Candidates internal to the University of Waterloo are eligible to compete for the Tier 2 Canada Research Chair.

A PhD and significant evidence of excellence in research in quantum information science and technology and the potential for 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 \$80,143 to \$155,000 will be considered. Negotiations beyond this salary range will be considered for exceptionally qualified candidates. The search is open to all areas of quantum information that connect with the goals and ongoing research at IQC.

Full consideration for this position is assured only for applications received by October 15, 2018. Interested individuals should upload their application via the faculty application form at <https://uwaterloo.ca/institute-for-quantum-computing/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 30 faculty members (growing to 39) from the Faculties of Engineering, Mathematics and Science. Membership in IQC is renewable, with an initial appointment of 5 years, and comes with research space, a teaching reduction of one course, and a stipend. Information about research at IQC can be found at <http://uwaterloo.ca/iqc/research>.

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 and will be subsequently nominated for a Tier 2 Canada Research Chair. Nominations for Canada Research Chairs (CRC) are subject to review by the CRC Secretariat and appointment as a CRC is conditional on their approval (see the CRC terms of reference). The University of Waterloo is committed to providing the candidate with the support required to secure the CRC.

The successful candidate will have obtained a PhD or equivalent within ten years of nomination to the CRC position and will be an outstanding emerging scholar with a demonstrated potential to achieve a significant international reputation in the next five to ten years. Applicants who are more than 10 years from having earned their highest degree and where career breaks exist, such as maternity, parental or extended sick leave, clinical training, etc. may have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 justification process which can be found at: [http://www.chairs-chaire.gc.ca/program-programme/nomination-mise\\_en\\_candidature-eng.aspx](http://www.chairs-chaire.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx). The University of Waterloo understands the impact that legitimate career interruptions can have on a candidate's record of research achievement and encourages potential candidates to explain in their application the impact this may have on their record. Please consult the CRC website <http://www.chairs-chaire.gc.ca/> and the University of Waterloo Office of Research <https://uwaterloo.ca/research/> for full program information, including further details on eligibility criteria.

As an employer committed to employment equity, we encourage applications from members of equity-seeking communities including women, racialized and Indigenous persons, persons with disabilities, and persons of all sexual orientations and gender identities/expressions.

Diversity is integral to academic excellence, and as such, the University is committed to attracting and retaining diverse faculty. Based on existing demographics within Canada Research Chairs at the University of Waterloo, priority in hiring will be given to qualified women who self-identify as such in the application process. This initiative is a special program under the Ontario Human Rights Code.

We encourage members of all equity-seeking groups to self-identify within their letter of intent in their application. When a candidate voluntarily discloses this information in their application, the information will be kept strictly confidential and will be used only for the fulfillment of the special program purpose(s) <http://www.chairs-chaire.gc.ca/program-programme/equity-equite/index-eng.aspx>. Disclosure and/or self-identification with an equity-seeking group will not lead to advantageous treatment of a candidate who is not qualified.

If you have any questions regarding the position, the application process, assessment process, eligibility, the CRC program etc., please contact the IQC Director [iqc-dtr@uwaterloo.ca](mailto:iqc-dtr@uwaterloo.ca).

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority in the recruitment process.

Three reasons to apply: <http://uwaterloo.ca/fauw/why>.