

July 7, 2020

NSERC Canada Research Chair (CRC) Tier 1 in Water Research (Associate or Full Professor) Internal Search

The Faculty of Engineering at the University of Waterloo is seeking an exceptional scholar and researcher who is eligible to apply for a NSERC Tier 1 Canada Research Chair (CRC), established by the Government of Canada to enable Canadian universities to foster research excellence (<https://www.chairs-chaires.gc.ca/>) with an anticipated start date on or after January 1 2021. The intention is for this to be an internal search so the candidate should already be a regular faculty member within the Faculty of Engineering at the University of Waterloo. In addition, this opportunity is only open to individuals who self-identify as women.

Successful candidates should have a PhD in an engineering discipline and be at the rank of Full Professor or an Associate Professor who is expected to be promoted to the rank of Full Professor within two years of the nomination. The candidate will propose an innovative program of high-quality engineering research that will attract external funding and excellent graduate students. Evidence of an active research program with an emphasis on water research and a successful record of NSERC-based funding is required. Ability and desire to partner with faculty in closely related fields is required. Duties include research, teaching at the undergraduate and graduate level, service to the unit, and the supervision of graduate students. Experience developing an array of traditional and on-line courses for a diverse student body is required. The successful candidate will have a reduced teaching load during the term of the CRC.

The successful candidate will be subsequently nominated for a NSERC Tier 1 CRC. Nominations for a 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 (<https://www.chairs-chaires.gc.ca/>)). The University of Waterloo is committed to providing the candidate with support to secure the CRC.

To meet the criteria for an NSERC Tier 1 CRC, successful candidates must be outstanding and innovative world-class engineering researchers whose accomplishments have made a major impact in their fields and be recognized internationally as leaders in their fields. They must also have superior records of attracting and supervising graduate students and postdoctoral fellows (taking into account different practices in the relevant field or discipline) and, as chairholders, be expected to attract, develop and retain excellent trainees, students and future researchers; and be proposing an original, innovative engineering research program of the highest quality. The University of Waterloo understands the impact that legitimate career interruptions (e.g. parental leave, leave due to illness) 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; this information will be taken into careful consideration during the assessment process. Please consult the CRC website and the Office of Research for full program information, including further details on eligibility criteria.

The salary for this position will be based on the successful candidate's current salary at the University of Waterloo.

The closing date for applications is August 31 2020. Send curriculum vitae, cover letter, teaching and research statements and five refereed publications addressed to Prof. David A. Clausi, Associate Dean - Research and External Partnerships via the following portal: <https://uwaterloo.ca/engineering/crc-water-application>. Letters of reference will be requested only for applicants invited for an interview.

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. However, this particular selection process will follow the provisions for a special

program as described by the [Ontario Human Rights Commission](#) in order to address the underrepresentation of individuals from equity-seeking groups among our Canada Research Chairs, which has been identified through research ([Canadian Association of University Teachers, 2018](#); [Council of Canadian Academies, 2012](#); [Henry et al., 2017](#); and [Witteman, Hendricks, Straus, & Tannenbaum, 2019](#)) to be systemic in nature. As such, this opportunity is open only to individuals who self-identify as women. Improving the representation, participation and engagement of equity-seeking groups within our community is a key objective of [Waterloo's Strategic Plan 2020-2025](#).

All applicants to this CRC opportunity are required to self-identify using the [self-identification applicant survey](#) at https://uwaterloo.ca1.qualtrics.com/jfe/form/SV_08RcdJzz6YAh4TX. Because this is a special opportunity for a specific member of the four designated groups, applicant self-identification information will be used for the purposes of screening and consideration. Please note that this information will be securely accessed only by members of a central selection committee and, for nominees selected, for the fulfillment of CRC program purposes(s) detailed at: <http://www.chairs-chaires.gc.ca/program-programme/equity-equite/index-eng.aspx>. 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 the CRC program, please contact Prof. David A. Clausi, Associate Dean - Research and External Partnerships, Faculty of Engineering at engadr@uwaterloo.ca. For requests for accommodation, please contact Occupational Health (occupationalhealth@uwaterloo.ca or Linda - extension 36264 or Karen -extension 30338); they will work with the selection committee to secure accommodation while ensuring that the information is safe-guarded and confidentiality is maintained.

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