

CANADA EXCELLENCE RESEARCH CHAIR IN SECURITY & PRIVACY

We invite expressions of interest for the position of Canada Excellence Research Chair (CERC) in Security and Privacy for the New Digital Economy, to be held at the tenured full professor or associate professor level in the David R. Cheriton School of Computer Science at the University of Waterloo <https://cs.uwaterloo.ca>

The CERC program awards world-class researchers up to \$10 million over seven years to establish ambitious research programs at Canadian universities. Further details are offered at www.cerc.gc.ca. An overall package worth more than twice this amount will fund the CERC, additional faculty and staff, and their required infrastructure.

The mandate of this CERC is to create novel solutions for usable security and privacy-enhancing technologies, in an environment that is increasingly connected through the use of mobile devices (such as smartphones and tablets) and social networking. Included is a focus both on producing highly talented graduates and on launching research that will drive solutions for tomorrow's organizations and individuals. The Chair's research will build on strengths in the University of Waterloo's Faculty of Mathematics in the areas of cryptography, security, privacy, mobile devices, networks and distributed systems.

The applicant will be an unequivocally outstanding researcher, well-recognized as exceptional within the subfield of security and privacy. It will also be essential for the candidate to demonstrate remarkable promise in leadership and the mobilization of talents of others to deliver successful outcomes. In particular, we are looking for an individual who is expert in security solutions for networked and mobile environments and who also has a critical appreciation for how the topic of privacy is intricately linked to the required solutions. The CERC needs to align with the hallmark of the University of Waterloo's computer science researchers: demonstrating exceptional talent in conducting research that leads to industrially-relevant practical applications. As it will be important to engage both organizations and citizens in adopting the novel technological solutions that are developed, the CERC must also have an aptitude in working well with public policy experts. The leadership qualities of the applicant will include an essential talent in seeing through to completion a dramatic vision for the training of students and postdocs, who will emerge with a unique skillset to become tomorrow's leaders of industry, government and academia.

To apply, send a cover letter and a curriculum vitae by e-mail: deanmath@uwaterloo.ca

or by regular mail:

Ian Goulden
Dean, Faculty of Mathematics
200 University Avenue West
University of Waterloo
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Applications received by May 30, 2013 will receive full consideration. Selection of the candidate is subject to final oversight by the government's CERC Selection Committee.

The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native people and persons with disabilities. We are especially proud to offer organizations for Women in Computer Science (cs.uwaterloo.ca/~wics) and Women in Mathematics (women.math.uwaterloo.ca) as well as an AccessAbility Services Office for persons with disabilities (uwaterloo.ca/disability-services) that serve to offer a progressive, welcoming environment. All qualified candidates are encouraged to apply; Canadians and permanent residents will be given priority.

The University of Waterloo has been rated as the most innovative university in Canada for the 21st year in a row. We offer an enlightened intellectual property policy, which vests rights with the inventor; this policy has encouraged the creation of many spin-off companies. Located 100km from metropolitan Toronto, the University of Waterloo is in the region of Waterloo with a population of 500,000. The area is in the heart of Canada's technology triangle and offers a wealth of outdoor and indoor recreational activities, as well as an extensive performing arts community.