

Tier 2 Canada Research Chair in Data Science

The University of Ottawa invites applications for a Tier 2 Canada Research Chair (CRC) in Data Science. Big Data Science competencies is now considered a “must have” and a top priority for all industry sectors – Advanced Manufacturing, Healthcare, Information Technology, Financial Services, Life Science, Retail and more.

The successful candidate will strengthen the newly created [Data Science and Machine Learning Group](#) part of the Department of Mathematics and Statistics. The research done by this group follows a pioneering and ingenious route using algorithms for data analysis based on new principles coming from pure mathematics. The successful candidate should not only be an excellent theoretician with a proven research track record, but should preferably have a proven record of successful applications of his/her algorithms to real data. The University of Ottawa is a research-intensive institution, and this position forms part of its strategic areas of development. The Department of Mathematics and Statistics is a sponsor of the [Fields Institute of Toronto](#), the [Centre de Recherches Mathématiques of Montreal](#), the [Canadian Institute for Statistical Sciences](#), and is part of the [Ottawa-Carleton Institute for Mathematics and Statistics](#).

Tier 2 CRCs, tenable for five years and renewable once, are for exceptional emerging researchers, acknowledged by their peers as having the potential to lead in their field (i.e., candidates have normally less than 10 years since obtaining their highest degree at the time of nomination). If the retained candidate earned his/her highest degree more than 10 years ago (e.g., career breaks such as maternity, parental or sick leave, clinical training, etc.), the candidate's eligibility may be first assessed by the Chairs Program's Tier 2 Justification process. For more information regarding CRC Program eligibility criteria, please consult the following webpage: http://www.chairs-chaire.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx#nominees. New CRC nominees are also eligible for infrastructure support from the [Canada Foundation for Innovation](#) (CFI) to help acquire state-of-the-art equipment essential to their work.

Required Qualifications: A PhD or equivalent in Mathematics is mandatory, postdoctoral experience is an asset, superior research achievements in the CRC's identified area(s) and proof of interdisciplinary collaborations, an exceptional profile with respect to teaching and training of students at graduate level, the ability to obtain external research funds, excellent communication skills in either English or French. A passive knowledge of the other official language would be an asset.

Preferential Hiring: Preference will be given to members of the following designated groups: women, Aboriginal peoples, persons with disabilities and members of visible minorities. Candidates from these groups who wish to qualify for preferential consideration are required to self-identify by filling the [self-identification form](#).

Rank and salary: Regular tenure-track academic appointment in the Faculty of Science, with a salary consistent with the collective agreement of the Association of Professors of the University of Ottawa.

Application Package:

- A cover letter;
- An up-to-date curriculum vitae (if applicable, explain any career interruptions that might have

- affected research productivity);
- A research plan demonstrating a strong commitment to research excellence;
 - A statement of teaching interests; and
 - The names and contact information of three people who may be contacted by the University for letters of reference.

Deadline: November 15, 2017

The selection process will begin in October and will continue until the position is filled. Only candidates selected for an interview will be contacted. The application package should be sent by post, courier or email (a single PDF file is preferred) to this address:

Dr. Sylvain Charbonneau, Vice-President, Research (Interim)
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Ottawa, ON Canada K1N 6N5
Phone: 613-562-5270
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If you are invited to continue the selection process, please notify us of any particular adaptive measures you might require by contacting the Office of the Associate Vice-President, Faculty Affairs at 613-562-5958. The Canada Research Chairs Program imposes no restrictions on nominees with regard to nationality or country of residence. Procedures to allow non-Canadian chairholders to work in Canada have been established by Employment and Social Development Canada and Immigration, Refugees and Citizenship Canada.

The University of Ottawa is justly proud of its 160-year tradition of bilingualism. Through its Official Languages and Bilingualism Institute, the University provides training to staff members and their spouses in their second official language. At the time of tenure, professors are expected to be able to function in a bilingual setting. In certain cases, professors must have the ability to teach in both official languages to be granted tenure.