

## Tier 2 Canada Research Chair in Accelerator Mass Spectrometry

The University of Ottawa invites applications for a Tier 2 Canada Research Chair (CRC) in the [André E. Lalonde Accelerator Mass Spectrometry Laboratory](#) (AEL-AMS). Unique in Canada, the AEL-AMS facility, located in the newly completed state-of-the-art Advanced Research Complex (ARC), is used by researchers for the analysis of trace radionuclides and for advancing AMS technologies. The AEL-AMS laboratory operates a 3 MV HVE tandem AMS system for the analysis of radiocarbon, tritium,  $^{10}\text{Be}$ ,  $^{26}\text{Al}$ , radiohalides and isotopes of the actinides. The facility also includes an extensive array of sample preparation facilities and a He mass spectrometry Laboratory. Also available in the ARC are a full suite of Inductively Coupled Plasma Mass Spectrometry (ICP-MS) instruments, stable isotope facilities and a whole suite of electron microprobes, focused ion beam and scanning electron microscope amongst others. The successful candidate will bring to the AEL-AMS Laboratory a leading-edge research program in AMS applications and/or advanced AMS technologies. A solid understanding of AMS technologies and AMS sample preparation will be essential. Leadership, mentoring and administration skills appropriate to an executive at a national research facility will also be important.

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-chaires.gc.ca/program-programme/nomination-mise\\_en\\_candidature-eng.aspx#nominees](http://www.chairs-chaires.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:** PhD or equivalent in Earth Sciences, Environmental Sciences, Geophysics, Physics or other AMS-related discipline. A demonstrated excellent research track record in AMS-related disciplines and proof of interdisciplinary collaborations, a commitment to teaching and graduate training, and the ability to obtain external research funding. Excellent communication skills in either English or French. A passive knowledge of the other official language would be an asset.

**Rank and salary:** Regular academic tenure-track 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 summary of research objectives with the AMS lab, a statement of how the applicant will integrate with the range of geoscience facilities in the ARC and an outline of teaching experience;
- A statement of teaching interests;
- Three copies of recent peer-reviewed publications, in PDF format; and
- The names and contact information of three people who may be contacted by the University of Ottawa for letters of reference.

**Deadline:** June 30, 2017

The selection process will begin in July 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; documents in Word format will also be accepted) to this address:

Dr. Mona Nemer, Vice-President, Research  
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550 Cumberland St., room 246  
Ottawa, ON Canada K1N 6N5  
Phone: 613-562-5270  
Fax: 613-562-5271  
[rcca-coord@uOttawa.ca](mailto:rcca-coord@uOttawa.ca)

*Equity is a University of Ottawa policy; women, aboriginal peoples, members of visible minorities and persons with disabilities are encouraged to apply. 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.*