

**Posting ID :** 7371

**Position Title :** Tier II Canada Research Chair (CRC) in Remote Sensing of Environment Change in Cold Regions

**Faculty/Academic Area :** Faculty of Arts

**Department :** Geography and Environmental Studies

**Campus :** Waterloo

**Position Summary** Wilfrid Laurier University (Laurier) - **The Department of Geography and Environmental Studies (GES)** invites applications for a **Tier II Canada Research Chair (CRC) in Remote Sensing of Environmental Change in Cold Regions** subject to budgetary and CRC approval. This is a full-time, tenure-track position at the rank of Assistant or Associate Professor to begin as soon as the CRC approval is received. Laurier is a leader in cold regions research with broad, multidisciplinary expertise in this area.

The successful candidate will have demonstrated potential to develop an externally funded, world-class research program in an area related to remote sensing of environmental change in cold regions. The successful candidate will have the ability to apply cutting-edge, high resolution remote sensing methods and technologies to advance scientific and public understanding of environmental change. The candidate should also possess the necessary technical background to develop new analytic tools and methodologies. Additionally, the candidate should have experience collaborating in interdisciplinary environmental research and be expected to engage with both natural and social scientists to maximize research impact, policy development, and knowledge mobilization.

The candidate is expected to have demonstrated teaching proficiency, and be able to significantly complement the teaching strengths of the GES department in geomatics and environmental science. The candidate will also be strongly committed to mentorship and supervision of senior undergraduate students and graduate students as part of the Waterloo-Laurier Graduate Program in Geography.

The CRC will be expected to actively participate in the recently launched Canada First Research Excellence Fund program: Global Water Futures: Solutions to Water Threats in an Era of Global Change. This program will provide exceptional opportunities for interdisciplinary collaboration and provide direct support to the CRC. The CRC will also have the opportunity to use the shared analytical laboratory facilities at the Centre for Cold Regions Water

Science (CCRWS), a research facility containing extensive equipment for field- and lab-based in hydrology, biogeochemistry, molecular biology, computer modelling and aquatic testing. The CRC will also have access to Laurier's Changing Arctic Network living laboratories infrastructure throughout the Northwest Territories.

Laurier is a global leader in Cold Regions Research with broad, multi-disciplinary expertise throughout the institution. The Department of GES is in the Faculty of Arts, and is committed to building collaborative interdisciplinary research partnerships to address complex and diverse issues.

The Department offers undergraduate degrees in Environmental Studies (BA), Geography (BA & BSc), Geography and Geomatics (BSc), collaborates with the Faculty of Science in offering Applied Water Science (BSc) and Environmental Science (BSc), and is home to one of North America's largest graduate Geography programs offering MSc, MA, MES and PhD degrees. The department actively participates in CCRWS, the Laurier Institute for Water Science (LIWS), and the Balsillie School for International Affairs.

Tier II CRC's are intended for exceptional emerging scholars who were granted their PhD less than 10 years prior at the time of nomination. Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist including maternity, parental or extended sick leave, clinical training, etc.) may have their eligibility for a CRC Tier II assessed through the program's Tier II Justification Process.

Applicants should have a PhD in Geography, Environmental Science, Earth Science, or a related field. Applicants should send a cover letter outlining their research and teaching interest, a curriculum vitae, teaching dossier, digital copies of up to five recent papers, and contact details for three referees to:

**Dr. Sean Doherty, Chair** Department of Geography & Environmental Studies Wilfrid Laurier University Waterloo, Ontario N2L 3C5 [GGEShire@wlu.ca](mailto:GGEShire@wlu.ca). Submission of a single PDF file via email is preferred. Applications will be reviewed starting on **March 1, 2017**.

Only those applicants selected for an interview will be contacted. The successful candidate will be required to participate in the preparation of a CRC nomination package for submission in October 2017.

Wilfrid Laurier University is committed to employment equity and values diversity. We welcome applications from qualified women and men, including persons of all genders and sexual orientations,

persons with disabilities, Aboriginal persons, and persons of a visible minority. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. In accordance with the requirements of Employment and Social Development Canada and the Department of Immigration, Refugees and Citizenship Canada, the successful applicant will be required to prove they are legally able to work in Canada.

Members of the designated groups must self-identify to be considered for employment equity. Candidates may self-identify, in confidence, to the Dean of the Faculty of Arts, Dr. Richard Nemesvari ([rnemesvari@wlu.ca](mailto:rnemesvari@wlu.ca)). Further information on the equity policy can be found at:

[https://www.wlu.ca/page.php?grp\\_id=2465&p=10545](https://www.wlu.ca/page.php?grp_id=2465&p=10545).

To obtain a copy of this job ad (or links referenced) in an accessible format, please contact the Dean of Arts Office at 519-884-0710 ext. 3361 or at [artsinfo@wlu.ca](mailto:artsinfo@wlu.ca).