Job Posting

Requisition: Canada Research Chairs - Oil Spill Science & Sea Ice Modelling (req# 01184)

Staffing Officer: Posting Start Date: January 22, 2018
Posting End Date: Expected Start Date: November 1st, 2018

Full Time? YES Expected End Date: 
Permanent? YES

Reporting To: Location: MANITOBA

Evaluation Level: 0000

Job Description

Two Canada Research Chairs (Tier 2) in Oil Spill Science and in Sea Ice Modelling Position #25128 and #25130

The Clayton H. Riddell Faculty of Environment, Earth, and Resources, University of Manitoba invites applications for two (2) Canada Research Chairs (CRC) - Tier 2: one in oil spill science and one in sea ice modelling. The Government of Canada has established the CRC program to enable Canadian universities to foster world-class research excellence. The proposed CRC aligns with the University's strategic research plan that identifies as a targeted area. All Chairs are subject to review and final approval by the CRC Secretariat. If successful at obtaining a CRC, these will be full-time tenure-track positions at the rank of Assistant or Associate Professor, beginning November 1, 2018 or as soon as possible thereafter.

Successful candidates will become members of the Centre for Earth Observation Science (CEOS; http://www.umanitoba.ca/ceos/) With more than 125 researchers, students and staff, including one Canada Excellence Research Chair and two existing CRCs (both Tier 1), CEOS is one of the most influential Arctic research groups in the world. CEOS' research is supported by a purpose-built Nellie Cournoyee Arctic Research Facility; laboratories for environmental and material sciences and applied electromagnetics; the Sea-ice Environmental Research Facility (SERF); the CMO; the CCGS Amundsen icebreaker; and numerous field stations across the Arctic. The Arctic Science Partnership (http://asp-net.org) between CEOS, the Arctic Research Centre at Aarhus University (Denmark), and the Greenland Institute of Natural Resources provides added opportunity for networking. The Riddell Faculty (http://umanitoba.ca/faculties/environment) is the institution's hub for environmental and Earth System Science research and teaching, focusing on identifying and understanding processes, managing resources and assessing implications for ecosystems and human societies.

Responsibilities

Successful candidates are expected to develop and maintain a vigorous and independently funded research program that will be highly collaborative and involve local, national, and international partners. The successful candidates will be expected to play a major role in the Genome Canada project GENICE (https://www.genomecanada.ca/en/genice-microbial-genomics-oil-spill-preparedness-canadas-arctic-marine-environment), Churchill Marine Observatory (CMO) http://umanitoba.ca/ceos/research/CMO.html, and other collaborative Arctic marine programs at the University of Manitoba.

Qualifications

Successful candidates will have proven success in obtaining external funding, a record of mentorship of undergraduate, graduate and/or postdoctoral level trainees, and recognized as excellent emerging world-class researchers in interdisciplinary scholarship in oil spill science and sea ice modelling.

Successful applicants will be nominated for a Tier 2 CRC supported by the Natural Sciences and Engineering Research Council and must develop a research plan focused in the broad fields of oil spill science and sea ice modelling. Examples of suitable research areas include, but are not limited to, fate, effects, mitigation, or detection of oil or other transportation-related contaminant spills, coupled ocean-sea ice-atmosphere modelling for both dynamic and thermodynamic modelling of sea ice.

Additional Information

The selected candidates must compete successfully for the Tier 2 Chair award that supports the position. Tier 2 Chairs are intended for exceptional emerging scholars (i.e. candidate must have been an active researcher in their field for fewer than
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10 years at the time of nomination). Please see CRC website for eligibility details. Tier 2 Chairs are valued at $100,000 per year for 5 years with an option to renew once. Applicants who are more than 10 years from having earned their highest degree (and where career breaks exist, such as maternity, parental or extended sick leave) may have their eligibility for a Tier 2 Canada Research Chair assessed through the program's Tier 2 justification process. Please contact the UM's strategic research initiative office for more information (http://umanitoba.ca/research/ors/). The Canada Research Chairs website also provides full program information including details on eligibility criteria at: http://www.chairs-chaires.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx.

The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, members of racialized communities, Indigenous persons, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. All potential candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Note that application materials may be shared with participating members of the search process. All materials, including reference letters, will be handled in accordance with the Freedom of Information and Protection of Privacy Act (Manitoba). Applications will be accepted until February 23, 2018.

Interested candidates should forward a cover letter outlining their interest in and qualifications for the position, a curriculum vitae (including HQP training), a statement of research interests and a research plan, a sample of three peer-reviewed publications, and the names and contact information of three referees to:

Dr. David G. Barber,
Search Committee Chair
Clayton H. Riddell Faculty of Environment, Earth, and Resources,
University of Manitoba, Winnipeg, Manitoba, R3T 2N2.
Email: Sharon.Kirsch@umanitoba.ca
Please refer to position 25128/25130 in the subject heading

Job Requirements