

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

Position #25128 and #25130

Position start date: November 1, 2018

Closing date: February 2, 2018

The 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**. Both will be tenure-track appointments at the rank of Assistant or Associate Professor. Outstanding applicants with internationally recognized expertise in the broad fields of oil spill science (e.g., fate, effects, mitigation, or detection of oil or other transportation-related contaminant spills) and sea ice modelling (e.g., coupled ocean-sea ice-atmosphere modelling for both dynamic and thermodynamic modelling of sea ice) are encouraged to apply.

The selected candidates will be nominated by the University of Manitoba to apply for the Government of Canada's prestigious CRC - Tier 2 program. Appointment with the University of Manitoba is conditional upon the successful award of a CRC-Tier 2 to the candidates. 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.

The position start date will be November 1, 2018, or as soon thereafter as possible. Salary will be commensurate with qualifications and experience.

In accordance with the CRC -Tier 2 criteria, the candidates must be emerging research innovators, have a Ph.D., a proven success in obtaining external funding and training highly qualified personnel (HQP), and be nationally recognized as an emerging leader in research and interdisciplinary scholarship. The successful candidates will be expected to develop and maintain a vigorous and independently funded research program that will be highly collaborative and involve local, national, and international partners. Please consult the CRC website (<http://www.chairs-chaire.gc.ca/home-accueil-eng.aspx#>) for full program information.

The successful candidates will become members of the Centre for Earth Observation Science (CEOS; <http://www.umanitoba.ca/ceos/>) in the Clayton H. Riddell Faculty of Environment, Earth and Resources. CEOS is a focal point of Arctic System Science and Climate Change, which is a 'Signature Area' of research at the University of Manitoba (http://umanitoba.ca/research/media/Strategic_Research_Plan.pdf). 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 Cournoyea 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. The University of Manitoba is the province's largest, most comprehensive and only research-intensive post-secondary educational institution. It is home to a wide range of research centers and institutes. For more information, please see www.umanitoba.ca/about.

The University of Manitoba is located in Winnipeg, a multicultural city with a population exceeding 700,000. Its diversity is notable and celebrated through its many annual festivals. Winnipeggers enjoy world-class arts and entertainment, and professional sports teams. Winnipeg boasts a balanced lifestyle with affordability, and is located close to superb outdoor recreational activities with a wide variety of lakes, beaches, and wilderness areas. For more information visit: <http://www.tourismwinnipeg.com>.

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

Applications must be received electronically by **February 2, 2018**, addressed to:

Dr. David G. Barber, the Search Committee Chair

Sharon Kirsch (Sharon.Kirsch@umanitoba.ca)

Clayton H. Riddell Faculty of Environment, Earth, and Resources,

The University of Manitoba, Winnipeg, Manitoba, R3T 2N2

Please refer to position 25128 or 25130 in the subject heading.

The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, racialized persons/persons of colour, Indigenous peoples, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. Application materials, including letters of reference, will be handled in accordance with the protection of privacy provision of *The Freedom of Information and Protection of Privacy (Manitoba)*. Please note that curriculum vitae may be provided to participating members of the search process.