**NSERC CANADA RESEARCH CHAIR TIER 2**

 Posting Date: July 15, 2020

**ASSISTANT/ASSOCIATE PROFESSOR IN**

**ARCTIC SYSTEM SCIENCE**

**DEPARTMENT OF ENVIRONMENT & GEOGRAPHY,**

**CHR FACULTY OF ENVIRONMENT, EARTH, & RESOURCES**

**Position 25527**

The University of Manitoba invites applications for a Natural Sciences and Engineering Research Council (NSERC) Canada Research Chair (CRC) Tier 2, a tenure track position at the rank of assistant or associate professor, in the broad natural science fields of Arctic System Science.

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 *Arctic System Science and Climate Change* as a Signature area of research.

The successful candidates will become a member of the Centre for Earth Observation Science (CEOS; [http://www.umanitoba.ca/ceos/)](http://www.umanitoba.ca/ceos/%29) in the Department of Environment and Geography, Clayton H. Riddell Faculty of Environment, Earth and Resources. CEOS is a focal point of Arctic System Science and Climate Change and is an established area of research excellence at the University of Manitoba ([http://umanitoba.ca/research/media/Strategic\_Research\_Plan.pdf).](http://umanitoba.ca/research/media/Strategic_Research_Plan.pdf%29) With more than 150 researchers, students and staff, including a Canada Excellence Research Chair (CERC) Laureate, a Canada Excellence Research Chair, a Senior Canada-150 Research Chair and four existing Canada Research Chairs (CRC; two at Tier 1 and two at Tier 2), CEOS is one of the largest and most influential Arctic research groups in the world. CEOS’ research is supported by a purpose-built Nellie Cournoyea Arctic Research Facility; laboratories for earth, environmental and material sciences, and applied electromagnetics; Sea-ice Environmental Research Facility (SERF); the Churchill Marine Observatory (CMO); *CCGS Amundsen* icebreaker and a coastal research vessel the *MV* *William Kennedy* and numerous field stations across the Arctic. The Arctic Science Partnership (http://asp-net.org) provides added opportunities for international networking.

Responsibilities:

The position will have a significant proportion of their work allocated to research in any one of the broad areas of Arctic System Science in the specific subdiscipline of the candidate’s specialization. The candidate will be expected to teach two courses. Service will also be required both within the University and through various professional and public organizations linked to the candidate’s area of expertise.

The successful candidate will be expected to play a major role in various Arctic System Science projects administered through CEOS at the University of Manitoba. This will involve leading and collaborating on major interdisciplinary projects focused around: freshwater-marine coupling with freshwater sources from glaciers and continental runoff; ocean acidification and carbon exchange processes; physical, biological, or chemical oceanography; Arctic-midlatitude teleconnections; glaciology; climate change; or other related disciplines.

Qualifications:

The successful candidate must have a Ph.D. and proven success in leading an independently organized and externally funded program in Arctic marine and climate science. Experience in mentoring graduate students, research associates, and undergraduate students, and demonstrated excellence in teaching at the graduate and or undergraduate level, will be considered an asset. Outstanding applicants with internationally recognized expertise in the broad fields of Arctic system science, including but are not limited to: Arctic physical, biological or chemical oceanography, carbon fluxes, remote sensing, ice sheet modelling, ocean modelling, glacier-marine coupling, paleoclimate reconstructions, meteorology, climatology, teleconnection science, terrestrial-marine coupling, etc., are encouraged to apply. Experience working in collaborative interdisciplinary research would be considered an asset.

Rank and salary will be commensurate with qualifications and experience.

A Tier 2 CRC Nomination will be submitted soon after a successful candidate has been selected. Chairs are awarded by the Tri-agency Institutional Programs Secretariat after a rigorous evaluation, and award decisions are expected within six to eight months of the CRC Tier 2 submission. The appointment will be conditional on a successful Canada Research Chair nomination.

Applicants must be exceptional emerging scholars with less than 10 years of experience as an active researcher since obtaining their terminal degree at the time of nomination. CRC Tier 2 research chairs are tenable for five years and renewable once, supported by a $100,000 annual research stipend. There is an additional $20,000 annual research stipend for first-term Tier 2 Chairs. 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, clinical training, etc.) will have their eligibility for a Tier 2 Chair assessed through the program's Tier 2 justification process. Please contact the UM’s Office of Research Services (researchgrants@umanitoba.ca) office for more information ([www.umanitoba.ca/research/ors/)](http://www.umanitoba.ca/research/ors/%29).

The University acknowledges the potential impact that [Career Interruptions and Personal Circumstances](http://www.chairs-chaires.gc.ca/peer_reviewers-evaluateurs/productivity-productivite-eng.aspx#career) can have on an applicant’s record of research achievement. We encourage applicants to explain the impact of any such interruption(s) in their submission. Measures will be taken to ensure that these leaves will be taken into consideration during the evaluation process. The CRC Nomination Selection Committee will receive equity training that includes instruction on how to recognize and combat unconscious, implicit, overt, prejudicial, and other kinds of bias. The Canada Research Chairs website also provides full program information including details on eligibility criteria at: [www.chairs-chaires.gc.ca/program-programme/nomination-mise\_en\_candidature-eng.aspx](http://www.chairs-chaires.gc.ca/program-programme/nomination-mise_en_candidature-eng.aspx)

Equity Statement:

TheUniversity 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. If candidates require accommodation supports during the search process, please contact Valerie Williams, Diversity and Inclusion Consultant: valerie.williams@umanitoba.ca | Phone: (204) 474-8371.

The University of Manitoba, founded more than 140 years ago, is located in Winnipeg and is the region’s largest research-intensive university. The university community is comprised of close to 30,000 students, 9,000 faculty and staff, and over 140,000 alumni. A vibrant, prairie city with a population of about 800,000, Winnipeg boasts world-class arts and entertainment, professional sports teams and an affordable, balanced lifestyle; for more information, visit [www.tourism.winnipeg.mb.ca](http://www.tourism.winnipeg.mb.ca).

Application materials, including reference letters, will be handled in accordance with the Freedom of Information and Protection of Privacy Act (Manitoba). Please note that application materials may be provided to participating members of the search process.

Application Deadline: Application reviews will continue until a successful candidate is selected. **The committee will begin review of applications September 8, 2020.**

Application materials must include:

* a cover letter outlining the candidate’s qualifications and how they fulfill the above-listed criteria
* a curriculum vitae (including examples of three significant research contributions)
* a two-page statement outlining the innovative and original proposed five-year research program envisioned for the Tier 2 chair and its potential to attract funding, contribute to student training and other impacts on the broader community, and a statement on the candidate’s strengths and experiences in increasing Equity, Diversity and Inclusion in previous institutional environments
* a teaching statement that documents the candidate’s experience in, and approach to, training and mentoring diverse students and the candidate’s teaching philosophy
* the names and contact information of three referees

Applications should be delivered via email to Ms. Lauren Candlish (Lauren.Candlish@umanitoba.ca) and addressed to:

Dr. David Barber

Search Committee Chair

Associate Dean (Research)

Riddell Faculty of Environment, Earth, and Resources

The University of Manitoba

Please refer to position #25527\* in the subject heading

Due to COVID-19 protocols, all committee meetings and interviews will be conducted remotely.

*For further information and advice regarding your advertisement, please email:* *umcareers@umanitoba.ca*