

**ASSISTANT/ASSOCIATE PROFESSOR IN
ARCTIC SYSTEM SCIENCE
DEPARTMENT OF ENVIRONMENT & GEOGRAPHY,
Clayton H. Riddell FACULTY OF ENVIRONMENT, EARTH, & RESOURCES**

Position 25527

The University of Manitoba (UM) invites applications for a Natural Sciences and Engineering Research Council (NSERC) Canada Research Chair (CRC) Tier 2 (T2), a tenure-track position at the rank of assistant or associate professor, in the broad field of Arctic System Science. The Government of Canada has established the CRC program to enable Canadian universities to foster world-class research excellence.

The successful candidate will join the Centre for Earth Observation Science (CEOS; <http://www.umanitoba.ca/ceos/>) in the Department of Environment and Geography, CHR Faculty of Environment, Earth and Resources. CEOS is a focal point of Arctic System Science and Climate Change, an established area of research excellence at UM ([http://umanitoba.ca/research/media/Strategic Research Plan.pdf](http://umanitoba.ca/research/media/Strategic_Research_Plan.pdf)). CEOS is one of the largest and most influential Arctic research groups in the world, with a Canada Excellence Research Chair (CERC) Laureate, a Canada Excellence Research Chair, a Senior Canada-150 Research Chair and four Canada Research Chairs. CEOS is supported by laboratories for environmental and material sciences, and electromagnetics; Sea-ice Environmental Research Facility; the Churchill Marine Observatory; CCGS *Amundsen* icebreaker and a coastal research vessel the *MV William Kennedy*. CEOS is a founding member of the Arctic Science Partnership (<http://asp-net.org>).

Responsibilities:

The successful candidate will play a major role in Arctic System Science research projects administered through CEOS. This will involve leading/collaborating on major interdisciplinary projects focused around: freshwater-marine coupling with 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.

Additional responsibilities include teaching two courses, and service within and beyond UM through, for example, organizations in the candidate's area of expertise.

Qualifications:

The successful candidate must have a PhD and experience leading independently organized and externally funded research programs in Arctic marine and climate science. Experience in mentoring graduate/undergraduate students, and research associates, with demonstrated excellence in teaching graduates/undergraduates, is an asset. Outstanding applicants with expertise in Arctic system science,

including but not limited to: 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 in collaborative interdisciplinary research is an asset.

A CRC-T2 nomination will be submitted soon after candidate selection. Chairs are awarded by the Tri-agency Institutional Programs Secretariat after rigorous evaluation. The appointment is conditional on a successful CRC nomination.

Applicants must be exceptional scholars with less than 10 years since obtaining their terminal degree. CRC-T2 research chairs are tenable for five years and renewable once, supported with \$100,000 annual research stipend, and an additional \$20,000 annual research stipend for first-term Tier 2 Chairs. Applicants more than 10 years from their PhD (with career breaks ie. maternity, parental, extended sick leave, clinical training, etc.) will have their eligibility assessed through the program's justification process. Contact UM's Office of Research Services (researchgrants@umanitoba.ca) for more information (www.umanitoba.ca/research/ors/).

The CRC Nomination Selection Committee will receive equity training to combat unconscious, implicit, overt, prejudicial, and other bias. The CRC website includes program information and details on eligibility criteria at: 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, racialized persons, 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 you require accommodation supports during the recruitment process, please contact UM.Accommodation@umanitoba.ca or 204-474-8371. Please note this contact information is for accommodation reasons only.

UM is located in Winnipeg, a vibrant prairie city with world-class arts and entertainment, professional sports and an affordable lifestyle. For more information visit www.tourismwinnipeg.com.

Application materials will be handled in accordance with the Freedom of Information and Protection of Privacy Act (Manitoba). Materials are provided to participating members of the search process.

Applications will be reviewed starting September 8, 2020 and will continue until the position is filled.

Applications must include:

- a cover letter outlining the candidate's qualifications and how they fulfill the listed criteria
- a curriculum vitae (listing three significant research contributions)
- a two-page statement outlining the innovative and original proposed five-year research program for their CRC-T2 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 documenting the candidate's experience and approach to training and mentoring students and the candidate's teaching philosophy
- contact information for three referees

Email applications to Lauren Candlish (Lauren.Candlish@umanitoba.ca), addressed to:

Dr. David Barber
Search Committee Chair
Associate Dean (Research)
Riddell Faculty of Environment, Earth, and Resources
University of Manitoba

List position #25527* in the subject