

**Assistant Professor in Arctic System Science  
Department of Environment and Geography,  
CHR Faculty of Environment, Earth and Resources, University of Manitoba  
Position 25517**

The University of Manitoba invites applications for a tenure track Assistant Professor in the broad area of Arctic System Science and Climate Change. Candidates with a PhD with expertise in the areas of glaciology, glacier-marine coupling, Arctic climate teleconnections, ice sheet modelling, climate modelling, climatology, meteorology, physical, chemical or biological oceanography, remote sensing, or related Arctic field of study, are encouraged to apply.

The successful candidate will become a member of the Centre for Earth Observation Science (CEOS; <http://www.umanitoba.ca/ceos/>) 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 'Signature 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)). With more than 150 researchers, students and staff, including a Canada Excellence Research Chair (CERC) Laureate, One Senior Canada-150 Chair and two existing CRCs (both Tier 1), CEOS is one of the largest and most influential Arctic marine 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; the Churchill Marine Observatory (CMO); *CCGS Amundsen* icebreaker and a new 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 allocated to research in any one of the broad areas of Arctic marine and climate modelling in the specific subdiscipline of the candidates specialization. The candidate will also be expected to teach at the undergraduate and graduate levels in their area of research. Service will also be required both within the University and through various professional and public organizations linked to the candidates area of expertise.

The successful candidates will be expected to play a major role in the various Arctic System Science and climate change projects led by CEOS at the University of Manitoba, including major new projects focused on 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, and climate change.

**Qualifications:** The successful candidate must have a Ph.D. and aptitude for leading an independently organized and externally funded program in Arctic system science and climate change. Experience in mentoring graduate students, research associates and undergraduate students would be an asset. Rank and salary will be commensurate with qualifications and experience.

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

The University of Manitoba, founded more than 140 years ago, is the region's largest research-intensive university and a member of Canada's prestigious U15 ([www.u15.ca](http://www.u15.ca)). Located in the City of Winnipeg, the university community comprises close to 30,000 students, 9,000 faculty and staff, and over 140,000 alumni. A vibrant, prairie city with a population exceeding 700,000, 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 begin January 21, 2019 and will continue until a successful candidate is selected.

Application materials should include:

- a cover letter outlining the candidate's qualification and how they fulfill the above-listed criteria
- a curriculum vitae (including examples of significant research contributions)
- a research statement that documents the candidates plans to develop and internationally competitive collaborative research program in collaboration with other academics in CEOS and elsewhere.
- 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, in care of Ms. Sharon Kirsch ([Sharon.Kirsch@umanitoba.ca](mailto:Sharon.Kirsch@umanitoba.ca)), to:  
Dr. David Barber and Dr. Mark Hanson  
Search Committee Co-Chairs  
CHR Faculty of Environment, Earth, and Resources  
The University of Manitoba

Please refer to position #25517\* in the subject heading

\*If you wish to be considered for more than one position indicate each position number in your application cover letter.

*For further information and advice regarding your advertisement, please email:*  
[umcareers@umanitoba.ca](mailto:umcareers@umanitoba.ca)

[https://viprecprod.ad.umanitoba.ca/DEFAULT.ASPX?REQ\\_ID=05385](https://viprecprod.ad.umanitoba.ca/DEFAULT.ASPX?REQ_ID=05385)