

Assistant, Associate or Full Professor in Arctic Climate Modelling
Department of Environment and Geography,
CHR Faculty of Environment, Earth and Resources, University of Manitoba
(Position 25515)

The University of Manitoba invites applications for a tenured or tenure track position at the Assistant, Associate or Full professor level. The successful candidate will have a background and proven track record in one or more of the areas in: numerical modelling of the Arctic ocean-cryosphere-atmosphere system, glacier freshwater-marine coupled modelling, terrestrial freshwater-marine coupled modelling, or climate change modelling with a particular emphasis on Arctic-midlatitude teleconnection research. Applicants with recognized expertise in the broad fields of Arctic system level modelling at the local, regional or hemispheric scales and with coupled climate models are strongly 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). With more than 150 researchers, students and staff, including a Canada Excellence Research Chair (CERC) Laureate, a new Canada Excellence Research Chair, a Senior Canada-150 Chair and two existing Canada Research Chairs (CRC, both at 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 (SERF); 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 opportunity for international networking.

Responsibilities: The position will have a significant proportion allocated to research in any one of the broad areas of Arctic system modelling in the specific subdiscipline of the candidate’s 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 candidate’s area of expertise.

The successful candidate 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 | 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 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.

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 start on November 18, 2019, and 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 candidate's 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), to:

Dr. Feiyue Wang and Dr. Mark Hanson
Search Committee Co-Chairs
CHR Faculty of Environment, Earth, and Resources
The University of Manitoba

Please refer to position #25515* 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