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## Canada Excellence Research Chair (CERC) - Mountain Watershed Sustainability

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**Job ID: 25139**

**Updated: Today**

**Location: Main Campus**

**We would like to take this opportunity to acknowledge the traditional territories of the people of the Treaty 7 region in Southern Alberta. The City of Calgary is also home to Métis Nation of Alberta, Region III.**

### Position Description

The University of Calgary invites applications from world-leading researchers for the prestigious Canada Excellence Research Chairs (CERC) Competition. The CERC program is designed to attract world-renowned researchers to launch ambitious and impactful research programs at Canadian universities.

Located in Canada's most enterprising city, the traditional territory of the peoples of Treaty 7 and Region 3 of the Métis Nation of Alberta, the University of Calgary (UCalgary) is a global and innovative intellectual hub for teaching and learning, research and scholarship, and community engagement.

UCalgary is one of Canada's top comprehensive research universities, with more than 6,500 graduate students and 28,500 undergraduate students, more than 1,800 academic staff (continuing, contingent term or limited term appointment), more than 1,300 sessionals, and more than 3,200 non-academic staff, in 14 Faculties, across five campuses. The vibrant and research-intensive environment at UCalgary is home to 146 research chairs (with 99 Canada Research Chair allocations), and more than 50 research institutes and centres. UCalgary has the fastest growth rate in attracting research funding among the 10 largest universities in Canada and in 2022 ranked fifth among Canada's top research universities in ReSearch Infosource Inc.'s latest Top 50 Research Universities, [the youngest university to have reached the top five](#).

The university's new Framework for Growth establishes principles and focus areas for the University of Calgary over the coming decade. It will ignite our entrepreneurial spirit to turn challenges into opportunities to improve the world around us. It will help to meet our academic and research ambitions and strengthen our community engagement in one of Canada's most diverse cities, whose exciting future is unfolding rapidly, and where scientific disciplines will play a major role. Built around three big ideas (transdisciplinary scholarship, integration with our community and future-focused program delivery), the Framework will distinguish the university and drive growth.

To learn more about this vision please see: <https://www.ucalgary.ca/president/growth>

### The Opportunity

The University of Calgary invites applications from world renowned researchers for the prestigious [Canada Excellence Research Chairs \(CERC\) 2022 Competition](#). The CERC program stands at the centre of a national strategy to foster research excellence in Canada and improve our depth of knowledge and quality of life, strengthen Canada's international competitiveness, and help train the next generation of highly skilled people. The program offers an avenue for Canadian institutions to recruit the best global talent and brand Canada as a location of choice for world-leading research. CERCs are one of the largest and most prestigious awards available globally, providing the world's top researchers and their teams with funding support over eight years to support their research programs and teams.

The CERC recruitment uses a two staged process where interested applicants must first apply to the open job posting at the University. The successful applicant from that first stage will then enter a second stage, for which they co-develop an application with the University to the federal government funding program. The University of Calgary will provide substantial institutional support in the preparation and development of the program application. Appointment to one of these positions is contingent upon the applicant being awarded a Canada Excellence Research Chair and is subject to the availability of funding and to final approval by the University Board of Governors and the Tri-agency Institutional Programs Secretariat (TIPS). Interested applicants are invited to review the full program details: <https://www.cerc.gc.ca/program-programme/cpan-pccs-eng.aspx#2>. Candidates who are unsuccessful in a CERC chair application at the national competition may be considered as a nominee for a Canada Research Chair (Tier I) in the areas identified below.

CERC Chair awardees will have up to 12 months to take up the award after the notice of award and acceptance has been signed by all parties.

This program provides an opportunity for international researchers, including Canadian expatriates wishing to relocate to Canada, to lead a prestigious research program at the University of Calgary and to contribute to Canada's excellence in research and innovation. Applicants must be full professors or associate professors expected to be promoted to full professor within one to two years of the nomination. Successful applicants will have an outstanding track record of research contributions in their field including a commitment to equity, diversity and inclusion within their research ecosystems, and demonstrated leadership/mentorship within research teams. The University of Calgary is seeking CERC candidates in six areas of strategic focus. For more information on all research themes, please see in the following site: <https://research.ucalgary.ca/research/office-vice-president-research/cerc>

#### **University of Calgary CERC Theme - Mountain Watershed Sustainability**

Mountain and cold regions systems, along with their associated watersheds, inhabitants, and diverse ecosystems, have been identified among the most vulnerable global biogeographic regions impacted by climate change. Considered as critical bellwethers of climate change, these regions are experiencing disproportionate warming at twice the global average. The successful CERC candidate will lead the integration of hydrologic, meteorological and hydro-ecological research activities within next-generation numerical environmental prediction systems. The research will use an integrated, risk-based solutions framework to facilitate sound water resource and ecosystem management within a One Health approach.

Advancing solutions to water-related UN Sustainable Development Goals requires transdisciplinary research programs that consider social, political and community partnerships. The CERC program is expected to develop novel climate adaptation strategies/mitigation approaches and implementation models that involves the co-development and implementation of ethical-based approaches, including the braiding of both western and Indigenous knowledge-based systems. Validation should be achieved through community-led efforts co-developed with Indigenous knowledge holders to derive solutions optimized for local, regional and global settings.

#### **To Apply**

*The University of Calgary's comprehensive benefits and pension program is designed to promote a productive level of health and well-being to staff members. To learn about our comprehensive benefits package for this Calgary-based, English speaking position (with the ability to speak an Indigenous language recognized as an asset), please visit [http://www.ucalgary.ca/hr/academic\\_benefits\\_pension](http://www.ucalgary.ca/hr/academic_benefits_pension).*

*As an equitable and inclusive employer, the University of Calgary recognizes that a diverse staff/faculty benefits and enriches the work, learning and research experiences of the entire campus and greater community. We are committed to removing barriers that have been historically encountered by some people in our society. We strive to recruit individuals who will further enhance our diversity and will support their academic and professional success while they are here. In particular, we encourage members of the designated groups (women, Indigenous peoples, persons with disabilities, members of visible/racialized minorities, and diverse sexual orientation and gender identities) to apply. To ensure a fair and equitable assessment, we offer accommodation at any stage during the recruitment process to applicants with disabilities. Questions regarding diversity or requests for accommodation can be sent to Human Resources ([hrhire@ucalgary.ca](mailto:hrhire@ucalgary.ca)).*

Interested individuals are encouraged to submit an application online via the University of Calgary Careers site using the 'Apply Now' link. Complete applications should include:

- Cover letter that identifies (maximum two pages):
  - the theme aligned to the applicant's research
  - description of the societal impact of the candidate's most significant contributions
- Curriculum vitae including names and contact information of three referees
- Brief description of the candidate's research plan, including a description of how equity, diversity and inclusion has been incorporated into research design and research team (maximum three pages)

**Questions regarding this opportunity may be directed to:** [UofCCERC@jssearch.ca](mailto:UofCCERC@jssearch.ca)

Review of Applications will begin on March 28, 2022

The University of Calgary recognizes that candidates have varying career paths and that career interruptions can be part of an excellent academic record. Candidates are encouraged but not required to provide any relevant information about their experience and/or career interruptions to allow for a fair assessment of their application. Selection committees have been instructed to give careful consideration to, and be sensitive to the impact of career interruptions, when assessing the candidate's research productivity.

The University of Calgary has launched an institution-wide [Indigenous Strategy](#) in line with the foundational goals of [Eyes High](#), committing to creating a rich, vibrant, and culturally competent campus that welcomes and supports Indigenous Peoples, encourages Indigenous community partnerships, is inclusive of Indigenous perspectives in all that we do.

#### **Calgary**

Recently ranked the 5th most liveable city in the world (2019) by The Economist, and possessing one of the youngest populations of major cities in Canada, Calgary is home to world-class attractions, sporting amenities and public infrastructure that supports a healthy lifestyle, making it a great place to raise a family (<https://www.youtube.com/channel/UCnh-WugziiHwMT44-sVwrA>) Situated where the Canadian plains reach the sunny foothills of Canada's majestic Rocky Mountains, Calgary is a major urban centre surrounded by an area of profound beauty with an awe-inspiring mountains, lakes, rivers and gorgeous prairie.

Calgary is a city of leaders - in business, community, philanthropy and volunteerism. Calgarians benefit from a growing number of world-class dining and cultural events and enjoy more days of sunshine per year than any other major Canadian city.

Consistently rated by the United Nations as the world's best country to live in, Canada is the world's second largest country by total area and is one of the most ethnically diverse and multicultural nations. Canada ranks among the highest in international measurements of government transparency, civil liberties, quality of life, economic freedom, and education.

## Additional Information

### COVIDSafe Campus Strategy

The University has implemented a new [Vaccination Directive](#) that requires all faculty and staff to be fully vaccinated against COVID-19 by January 1, 2022. You will be required to upload proof of vaccination prior to commencing your duties. Please review the [COVIDSafe Campus website](#) for further information and access to additional resources.

Posting Date: February 25, 2022

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