

Canada Research Chair (Tier II) Asst. Professor Position  
in Renewable and Sustainable Energy Systems  
University of Calgary

Direct Link: <https://www.AcademicKeys.com/r?job=254628>

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Posted Mar. 19, 2025, set to expire Apr. 21, 2025

<b>Job Title</b>	Canada Research Chair (Tier II) Asst. Professor Position in Renewable and Sustainable Energy Systems
<b>Department</b>	Mechanical & Manufacturing Engineering <a href="https://schulich.ucalgary.ca/mechanical-manufacturing">https://schulich.ucalgary.ca/mechanical-manufacturing</a>
<b>Institution</b>	University of Calgary Calgary, Alberta
<b>Date Posted</b>	Mar. 19, 2025
<b>Application Deadline</b>	Apr. 21, 2025
<b>Position Start Date</b>	mutually agreed upon date
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Mechanical Engineering
<b>Job Website</b>	<a href="https://careers.ucalgary.ca/">https://careers.ucalgary.ca/</a>
<b>Apply Online Here</b>	<a href="https://careers.ucalgary.ca/jobs/15788210-canada-research-chair-tier-ii-and-assistant-professor-renewable-and-sustainable-energy-systems-in-cold-climates">https://careers.ucalgary.ca/jobs/15788210-canada-research-chair-tier-ii-and-assistant-professor-renewable-and-sustainable-energy-systems-in-cold-climates</a>

**Apply By Email**

**Job Description**

The Department of Mechanical and Manufacturing Engineering at the University of Calgary invites applications for a Tier II Canada Research Chair (CRC) position in Renewable and Sustainable Energy Systems in Cold Climates. This is a tenure-track position at the rank of Assistant Professor with an

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anticipated start date of July 1, 2025.

We are seeking an emerging leader in energy systems, with a focus on renewable and sustainable energy systems in cold climates. Sustainability covers environmental aspects particularly related to net-zero targets, economic, social, and safety considerations. The successful candidate will pursue innovative and independent research with demonstrated excellence in intellectual and scholarly endeavors. This will be evidenced by a strong record of high-quality publications and research impact, the potential to establish an internationally recognized research program, and the ability to attract external funding and foster local and international collaborations. Candidates should also demonstrate a commitment to providing an excellent training environment for graduate students and research personnel.

Successful candidates will be expected to teach and develop undergraduate and graduate courses in the general areas of engineering and mechanical engineering. They will also contribute to curriculum development, program innovation, and mentorship of students at all levels.

Candidates must demonstrate a strong commitment to equity, diversity, inclusion, and accessibility (EDIA). This will be reflected in their genuine understanding of the challenges and barriers faced by underrepresented groups, their commitment to fostering an inclusive and supporting academic environment, and their ability to incorporate EDIA principles into research, teaching, and service activities.

To be eligible for consideration, candidates must hold a Doctoral degree in engineering or a closely related discipline. Relevant industrial and teaching experience and evidence of transdisciplinary research in related areas are considered a major asset. Candidates are expected to have strong oral and written English communication skills. All candidates must be eligible for registration as a professional engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA).

In accordance with the regulations set for Tier II Canada Research Chairs, applicants must have received their Ph.D. within the last 10 years and be an emerging world-class researcher. Candidates who are more than 10 years from having earned their highest degree and who have had career breaks, such as maternity, parental, or extended sick leave, and research interruptions due to the COVID-19 pandemic, etc., may have their eligibility for a Tier II Chair assessed through the program's Tier II justification process. Please contact UCalgary's Office of Research Services for more information: [ipd@ucalgary.ca](mailto:ipd@ucalgary.ca). Further information about the Canada Research Chair Program, including eligibility criteria, can be found on the Government of Canada's [CRC website](#).

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**Application Instructions:**

To view posting and apply: <https://careers.ucalgary.ca/jobs/15788210-canada-research-chair-tier-ii-and-assistant-professor-renewable-and-sustainable-energy-systems-in-cold-climates>

Interested candidates are encouraged to apply online via the [UCalgary Careers Website](#). Please be aware that the application website allows for only **four attachments**. Your four application attachments should be organized to contain the following (which may require you to merge documents):

- Cover letter and Curriculum Vitae, including the name and contact information of three referees
- Statement of EDIA experience, contribution, and leadership plan (up to 2 pages). Describe how you integrate EDIA into research, teaching, and scholarship. Outline your strategies for fostering inclusivity in academic settings and supporting students from diverse backgrounds. Highlight past contributions, if applicable
- Statement of research interests, accomplishments, and vision (up to 2 pages) and one of your best research manuscripts (published or unpublished), all combined into one document. Describe how cold climate issues are addressed. Outline your strategies for local and international collaborations, as well as partnership with Canada's northern and Indigenous communities
- Statement of teaching philosophy (up to 2 pages). Include details on teaching experience, training, and mentoring at the undergraduate, graduate, and postdoctoral levels

Your statements on EDIA, research, and teaching are equally important in the assessment of your application. Incomplete applications and applications exceeding the page limit will not be reviewed.

**Applications will be accepted until April 21, 2025**

**Questions may be addressed to:**

Dr. Qiao Sun

Head, Department of Mechanical and Manufacturing Engineering

Email: [qsun@ucalgary.ca](mailto:qsun@ucalgary.ca)

**Schulich School of Engineering**

The [Department of Mechanical and Manufacturing Engineering](#), part of the [Schulich School of Engineering](#), is home to 47 full-time faculty and over 800 undergraduate and 360 graduate students.

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Our academic offers include undergraduate (BSc) and graduate (MSc, PhD, MEng) programs in mechanical engineering, along with minors in aerospace, mechatronics, manufacturing, biomedical, digital, energy, and environment engineering, and graduate certificates. Aligned with the [Schulich Momentum](#) strategic plan, the Schulich School of Engineering continues to pursue its vision of global recognition for research impact and innovation, inclusivity in engineering, contributions towards Truth and Reconciliation, and enriching student success and experience.

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 and slowdowns, when assessing the candidate's research productivity.

The University of Calgary has launched an institution-wide Indigenous Strategy 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.

### **EEO/AA Policy**

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] EDI at UCalgary can be sent to <https://www.ucalgary.ca/equity-diversity-inclusion> and requests for accommodations can be sent to Human Resources ([hrhire@ucalgary.ca](mailto:hrhire@ucalgary.ca)).

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**Contact Information**

Please reference Academickeys in your cover letter when  
applying for or inquiring about this job announcement.

**Contact** Dr. Qiao Sun  
Mechanical & Manufacturing Engineering  
University of Calgary  
,  
Canada

**Contact E-mail** [qsun@ucalgary.ca](mailto:qsun@ucalgary.ca)