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The University of Saskatchewan values diversity, and Aboriginal engagement is a strategic priority.



# Canada Research Chair (Tier 2) - Energy Technology

Requisition: req1993

**Open Date:** 3/27/2018

Back (/ats/careersite /search.aspx?site=14&c=usask)

College of Engineering University of Saskatchewan Canada Research Chair (CRC) Tier 2

Energy Security in Remote, Northern, and Indigenous Communities

The College of Engineering at the University of Saskatchewan is pleased to invite applications for a tenure-track, Tier 2 Canada Research Chair appointment in Technology Solutions for Energy Security in Remote, Northern, and Indigenous Communities.

The Canada Research Chair (CRC) Program is the flagship of a national strategy to make Canada one of the world's top countries in research and development (www.chairs-chaires.gc.ca) (http://www.chairs-chaires.gc.ca)). The College is committed to enhancing its research capacity in renewable energy generation, storage, distribution, and conservation to lead the province to a zero-carbon energy future. Recognizing the central role that access to reliable energy has in development, this is an important issue for remote communities and of special relevance for Indigenous peoples — critical partners for the success of the Province. This Chair will complement existing activities at the University in the energy and water security areas. The Chair will also play an important role in attracting Indigenous and Metis students to engineering.

Applications from all areas of energy technology are welcome including energy generation, storage, distribution, and conservation. The College seeks expertise that complements its existing strengths and this appointment will be made in the

1 of 3 2/7/2019, 3:44 PM

department most appropriate to the successful candidate's research focus. The successful candidate will initiate, lead, and collaborate in research activities; supervise graduate students; compete successfully for external research funding; teach undergraduate and graduate courses; and undertake relevant administrative activities.

## **Eligibility**

Tier 2 chairs are intended for exceptional emerging scholars who have been active researchers in their fields for fewer than 10 years at the time of nomination. Applicants who are more than 10 years from having earned a PhD, for whom legitimate career interruptions exist, such as parental or extended sick leave, may have their eligibility for a Tier 2 chair assessed through the program's Tier 2 justification process. Please consult the CRC website (http://www.chairs-chaires.gc.ca/program-programme/nomination-mise\_en\_candidature-eng.aspx#s3) for eligibility details or contact the Strategic Research Initiatives (mailto:sri.support@usask.ca) (SRI) unit for more information.

### **Minimum Qualifications**

The successful candidate must possess a PhD degree in a related area and a bachelor's degree in engineering. Candidates must be qualified to successfully pursue professional registration with the Association of Professional Engineers and Geoscientists of Saskatchewan. This registration is required for all those teaching undergraduate courses in an accredited engineering program in Canada. Candidates must also have state-of-the-art research experience in energy technology. Demonstrated research impact through quality publications in peer-reviewed venues in a field relevant to the focus of the Chair is expected. Demonstrated potential as an instructor in either formal or informal settings is also expected.

#### **Ideal Qualifications**

The ideal candidate will have a PhD degree in a field directly relevant to the focus of the Chair. She/he will currently be registered as a professional engineer or engineer in training in Canada. Indications of a strong research program with robust graduate student involvement and strong prospects for financial support will be advantages. Experience collaborating across multiple research groups and across institutions will also be advantages. Successful delivery of undergraduate and/or graduate university courses, experience developing new courses, and formal professional development and/or certification in teaching and/or pedagogy will be assets. Given the focus of the chair, experience working with northern communities and/or Indigenous peoples is desirable. Candidates who contribute to the diversity of the College's faculty complement are especially sought.

Salary bands for this position are as follows: Assistant Professor: \$93,293 to \$112,109; Associate Professor: \$112,109 to \$130,925; and Professor \$130,925 to \$152.877

This position includes a comprehensive benefits package which includes a dental, health and extended vision care plan; pension plan, life insurance (compulsory and voluntary), academic long term disability, sick leave, travel insurance, death benefits, an employee assistance program, a professional expense allowance, and a flexible health and wellness spending program.

2 of 3 2/7/2019, 3:44 PM

The University of Saskatchewan's main campus is situated on Treaty 6 Territory and the Homeland of the Métis. The University of Saskatchewan is located in Saskatoon, Saskatchewan, a city with a diverse and thriving economic base, a vibrant arts community, and a full range of leisure opportunities. The University has a reputation for excellence in teaching, research, and scholarly activities and offers a full range of undergraduate, graduate, and professional programs to a student population of over 24,000.

Applications must be made using the University's online application portal. The application materials must clearly indicate how the minimum qualifications have been met and should highlight any special experience that connects to the ideal qualifications. Complete applications will include a curriculum vitae, a research statement, a teaching statement, and the names and contact information of three references. Review of applications will continue until the position is filled.

The University of Saskatchewan is strongly committed to a diverse and inclusive workplace that empowers all employees to reach their full potential. All members of the university community share a responsibility for developing and maintaining an environment in which differences are valued and inclusiveness is practiced. Recruitment will be guided by the Government of Canada Equity, Diversity and Inclusion Action Plan for Canada Research Chairs (www.chairs-chaires.gc.ca/program-programme/equity-equite/index-eng.aspx (http://www.chairs-chaires.gc.ca/program-programme/equity-equite/index-eng.aspx)) and by the strong commitment to employment equity and diversity of the University of Saskatchewan and the College of Engineering. The university encourages applications from women, members of visible minorities, Indigenous persons, and persons with disabilities.

The University of Saskatchewan is strongly committed to a diverse and inclusive workplace that empowers all employees to reach their full potential. All members of the university community share a responsibility for developing and maintaining an environment in which differences are valued and inclusiveness is practiced. The university welcomes applications from those who will contribute to the diversity of our community.

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3 of 3 2/7/2019, 3:44 PM