Tier 2 Canada Research Chair (CRC) – Sustainable Energy Systems Modelling

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Simon Fraser University (SFU), located on unceded Coast Salish Territory - the traditional territories of the Squamish (Sḵwx̱wú7mesh Ûxwumixw), Tsleil-Waututh, Musqueam (x̱məθkʷx̱̓y̓əm), and Kwikwetlem First Nations, is actively building a diverse, inclusive community and invites applications for a NSERC Tier 2 Canada Research Chair (CRC) in Sustainable Energy Systems Modelling with a home appointment in any of the Schools within the Faculty of Applied Sciences. A joint appointment across schools or faculties is also possible. This CRC appointment opportunity is intended for emerging scholars in Sustainable Energy Engineering, at the rank of Assistant or Associate Professor (or those who possess the necessary qualifications to be appointed to these levels).

Tier 2 Chairs are intended for exceptional emerging scholars (i.e. candidate must have been an active researcher in their field for fewer than 10 years at the time of nomination). Applicants who are more than 10 years from their highest degree (and where career breaks exist, including maternity leave, extended sick leave, clinical training, etc.) may have their eligibility for a Tier 2 CRC assessed through the program’s Tier 2 justification process; please see the CRC website for eligibility details or contact the office for Institutional Strategic Awards.

The successful applicant will have a well-established funding record from national or international funding agencies for Sustainable Energy Engineering Modelling. Sustainable Energy Engineering is a strategic priority of SFU; this CRC would complement a newly created academic program in Sustainable Energy Engineering, as well as other chairs in related areas. We are seeking a chair-holder with a prominent international profile and an excellent record of accomplishment in research, teaching and training of highly-qualified personnel (HQP).

This CRC will significantly enhance the Faculty of Applied Sciences’ research strengths in modelling, simulation and optimization of sustainable energy systems. Areas of research might range from device-level integration to large-scale resource, grid and transportation systems.

SFU seeks a chair-holder with a Ph.D. in Engineering or a closely related discipline, as well as eligibility to register as a Professional Engineer in British Columbia within one year. The applicant is expected to make significant contributions to research, teaching, graduate student supervision, and knowledge mobilization to the scholarly community, professional groups, the general public, and other stakeholders as appropriate, including industry, governmental and nongovernmental organizations. An attractive remuneration package and start-up grant will be offered to the successful candidate.

This position is contingent upon the applicant receiving a Tier 2 Canada Research Chair; therefore, investigators with outstanding publication records will be considered. The position is subject to the availability of funding and to final approval by the University Board of Governors and the CRC Secretariat. The Canada Research Chair is tenable for five years and may be renewed once.
Interested applicants are invited to review the initial appointment and chair renewal details of the CRC Program [link].

To apply, applicants should provide:

- an up-to-date, full curriculum vitae (include details of research and teaching, scholarly record, funding, and list of collaborations/partnerships);
- two examples of refereed published scholarly work;
- the proposed program of research (include an outline of the proposed CRC research program over seven years, an explanation of how the proposed research aligns with and advances SFU’s 2016-2020 Strategic Research Plan, and a discussion of how this Chair would strengthen graduate training at SFU (2-6 pages single spaced); and
- the names and email addresses of 4-5 referees (ranked in order of preference)*.

SFU recognizes that alternative career paths and/or career interruptions (e.g. maternity leave, leave due to illness) can impact research achievements and commits to ensuring that leaves are taken into careful consideration. Candidates are encouraged to highlight how alternative paths and/or interruptions have impacted them in their application. SFU also recognizes the value of mentoring and research training, outreach, professional service, and nontraditional areas of research and/or research outputs; demonstrated experience in increasing diversity in the previous institutional environment, and in curriculum, is also an asset. All applications should be submitted here: http://apply.interfolio.com/60716.

Simon Fraser University is an institution whose strength is based on our shared commitments to diversity, equity, and inclusion. Diversity is an underlying principle of our Strategic Vision, which pledges SFU to “foster a culture of inclusion and mutual respect, celebrating the diversity reflected among its students, faculty, staff, and our community.” SFU is committed to ensuring that no individual is denied access to employment opportunities for reasons unrelated to ability or qualifications. Consistent with this principle, SFU will advance the interests of underrepresented members of the work force, specifically Indigenous peoples, persons with disabilities, racialized persons, and women; embrace gender and sexual diversity; ensure that equal opportunity is afforded to all who seek employment at the University; and treat all employees equitably. Candidates that belong to underrepresented groups are particularly encouraged to apply.

SFU offers several benefits and services aimed at creating a more inclusive and accessible campus community for faculty, please see the Faculty Relations, Benefits and Service page for more details. SFU is also committed to ensuring that the application and interview process is accessible to all applicants; if you require accommodations or have questions about SFU benefits, services, accommodations policies, or equity considerations please contact Catherine Stoddard, Director of Equity, Diversity and Inclusion at catherine_stoddard@sfu.ca.
The competition will remain open until the position is filled. Screening of applications will commence on April 26, 2019. Any general inquiries regarding this posting may be directed to fas_academic_relations@sfu.ca.

Under the authority of the University Act, personal information that is required by the University Academic Appointment Competitions will be collected. For further details see the Collection Notice [link].