

Call for proposals

PROFESSOR IN INNOVATIVE MATERIALS/PROCESSES AND DIGITAL AGE – TIER 2 CRC

N° 06630

Posting period: November 21, 2023 to January 22, 2023

JOB DESCRIPTION: Professor

LOCATION: Main Campus

SCHEDULE: Full time tenure-track position



In response to the call for proposals under the Canada Research Chairs (CRC) Program, the Université de Sherbrooke is seeking candidatures to fill a position for a Tier 2 CRC. This is a regular, full-time position.

This Chair relates to the unifying themes identified by the Université de Sherbrooke, specifically in [Innovative Materials/Processes and Quantum Science](#) and [Digital Age: Intelligent Organizations and Training](#).

This call for proposals is aimed at external candidates. It will be attached to either [Faculty of Engineering](#) or [Faculty of Science](#). The Chairholder's home faculty shall be determined based on their expertise and direction of their research program.

The term of the Tier 2 Chair is five years and is renewable once for another period of five years upon examination of the incumbent's record.

PROFILE SOUGHT

The candidate's main field of expertise must deal with the unifying themes mentioned above. The CRC Program was established by the Government of Canada to attract and retain some of the world's most accomplished and promising minds.

The candidates sought for Tier 2 Research Chairs are new researchers recognized by their peers for their potential or achievements in their field. They must propose a promising and innovative research program while demonstrating an interest and competence in teaching.



The candidate will be chosen by a selection committee based on the following criteria:

- Scientific relevance of the proposal;
- Structuring impact of the proposal with respect to the research themes of the UdeS and its programs;
- Candidate's match with the orientations of the UdeS;
- Given the pool of potential candidates, the person's contribution to achieving institutional targets regarding equity and diversity, in particular for designated groups under the Employment Equity Act;
- Demonstrate the ability to obtain research funding mainly in the natural sciences and engineering sectors, for example from the Natural Sciences and Engineering Research Council of Canada.
- Compliance with the selection criteria for Tier 2 CRC.

Please visit the website of the [CRC Program](#) for more information about the program and candidate eligibility criteria.

CAREER INTERRUPTIONS

Tier 2 Chairs are intended for outstanding emerging researchers (they must have been active in their field for less than 10 years at the time of nomination).

Candidates who obtained their most advanced degree more than 10 years ago (and whose career has been interrupted by maternity or parental leave, extended sick leave or clinical training, among other reasons) may have their eligibility for a Tier 2 Research Chair reviewed through the program's Tier 2 Research Chair justification process. Please contact the [Human Resources Department](#).

MAIN DUTIES

- Teach at all graduate and undergraduate levels.
- Supervise graduate and doctoral students.
- Develop fundamental and applied research activities.
- Take part in university life.
- Contribute to community service.



REQUIREMENTS

- Hold a doctorate in a discipline deemed relevant or experience and education deemed equivalent.
- Compliance with the requirements of the Tier 2 CRC Program.
- Have a strong interest and aptitude for teaching, higher education pedagogy, as well as for research, development and innovation.
- Demonstrate the ability to supervise graduate students.
- Have a record of publications in peer-reviewed journals of international standing, attesting to the excellence of the research record.
- Demonstrate skills in establishing and maintaining good interpersonal relations, a sense of collaboration, and teamwork skills.
- Demonstrate leadership qualities, initiative and excellent abilities to communicate and interact effectively and smoothly with internal and external partners.
- Have the ability to teach in French or to achieve this ability quickly.
- Have experience in interdisciplinary, multidisciplinary or transdisciplinary research, and also in knowledge transfer, is considered an asset.
- Committed to comply with the requirements for a [responsible conduct in research](#).
- Demonstrate the ability to obtain research funding mainly in the natural sciences and engineering sectors, for example from the Natural Sciences and Engineering Research Council of Canada.
- In the case of candidates wishing to be attached to the Faculty of Engineering: Be a member of the Ordre des ingénieurs du Québec (OIQ) or have the required qualifications to become a member as soon as possible.

The working conditions are governed by the collective agreements in force.

Regular, full-time, tenure-track position,

Anticipated start date: To be determined



For more information, please visit the Université de Sherbrooke [website](#):

- [About Université de Sherbrooke](#)
- [À propos du milieu de travail et de vie](#) (french):
- [Live in Sherbrooke – Quality of life](#)

EQUITY, DIVERSITY AND INCLUSION

The University of Sherbrooke values [diversity, equality, equity and inclusion](#) in employment within its community. It is committed to supporting these values as a priority as strategic factors of excellence and supporting that diversity of perspective stimulates innovation and creativity. This commitment is formulated in its [2022-2025 Strategic Plan](#) and its [Summary for the CRCs \(2022-2025\)](#).

Also affirming its will to contribute to reconciliation and healing, the UdeS has been deploying, for the past few years, [various joint initiatives](#) with members of the First Peoples, to better understand and promote their realities and their cultural heritage.

The UdeS invites all qualified individuals to apply, in particular, women, members of visible and ethnic minorities, Indigenous peoples and persons with disabilities under the Programme d'accès à l'égalité en emploi (PAEE). As such, the selection tools can be adapted to the needs of [persons with disabilities](#) who request them, in complete confidentiality. The UdeS also encourages individuals of all sexual orientations and gender identities to apply. Canadians and permanent residents will be given priority.

The nominations for Canada Research Chairs (CRC) must enable the UdeS to make progress in achieving its representation targets for women, visible minorities, Aboriginals and people with disabilities, in accordance with the [2022–2029 CRC target-setting plan](#). **As part of the plan's 2024–2025 objectives, the University's calls for CRC nominations may give priority to the visible minority group.**

APPLICATION PROCESS

The deadline for submitting applications is **January 22, 2024 at 5 pm**

Check our website then submit your application online. For this opportunity, see offer 06630.

Direct link: <https://www.usherbrooke.ca/emplois/offre/no/06630>



Please attach:

1. Your curriculum vitae;
2. A cover letter indicating the targeted faculty;
3. A research program proposal (5 pages) including, specifically, the main axes related to your previous work; the objectives pursued; the summary program of activities; the integration with the theme; the training of the highly qualified personnel who will be called upon to collaborate; funding opportunities; and networking;
4. Reprints of your most relevant recent contributions to the areas indicated.

IMPORTANT INFORMATION: Candidates must be available between January 22 and March 29, 2024 for a possible interview