

## Call for proposals

# PROFESSOR – INNOVATIVE MATERIALS/PROCESSES AND QUANTUM SCIENCE – TIER 2 CRC

N° 07267

Posting period: November 11, 2024 to January 10, 2025

**JOB DESCRIPTION:** Professor

**SCHEDULE:** Full time position



As part of the call for proposals for the Canada Research Chairs (CRC) Program, the Université de Sherbrooke (UdeS) is seeking applications to fill a professorship for a Tier 2 CRC. The CRC proposal must be in line with the unifying theme: **Innovative Materials/Processes and Quantum Science**.

This call for proposals is aimed at both current UdeS professors and external candidates, meaning individuals who do not currently hold a professorial position at UdeS as of the deadline for the current posting. The following faculties are participating in this call for proposals: **Faculty of Engineering** and **Faculty of Science**. The faculty affiliation will be determined on the basis of the expertise and orientation of the candidate's research program.

Any Tier 2 Research 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 theme 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 Canada Research Chairs are emerging scholars 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;
- 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 a 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).

If their career has been legitimately interrupted (consult the section [Acceptable Justifications](#); among others, maternity or parental leave, extended sick leave, clinical training), candidates who earned their highest degree more than 10 years ago at the time of submitting their application **must** have their eligibility for a Tier 2 Chair assessed through the [Tier 2 chair justification process](#) of the Program. Please contact the [Human Resources Department](#).

Career interruptions will be taken into account when assessing applications. As such, candidates are encouraged to identify such periods in their curriculum vitae or cover letter.

## MAIN DUTIES

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



## PROFESSORSHIP 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 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](#).
- In the case of candidates wishing their affiliation 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

Workplace location: Sherbrooke

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

- [About Université de Sherbrooke](#)

- [À propos du milieu de travail et de vie](#) (french):



## 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 deploys **joint initiatives** with members of the First Peoples, to better understand and promote their realities and their cultural heritage.

The merit of Indigenous research is assessed with respect for its specificity and in accordance with the **Guidelines for the Merit Review of Indigenous Research** that apply to all Indigenous research regardless of the funding agency considered.

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.

## APPLICATION PROCESS

The deadline for submitting applications is **January 10, 2025 at 5 pm**

Check our website then submit your application online. For this opportunity, see offer 07267.

Direct link: <https://www.usherbrooke.ca/emplois/offre/no/07267>

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 13 and April 17, 2025 for a possible interview.