



# CALL FOR CANDIDATES

**L'Université de Sherbrooke is seeking candidates for a regular full-time tenure track position in Mechanical Engineering in the field of Microelectromechanical Systems (MEMS) and Nanotechnologies at the Faculty of Engineering.**

Renowned both nationally and internationally, the Université de Sherbrooke is firmly rooted in the community and fully committed to responding to society's changing needs. Well beyond its primary mission of teaching and research, the University actively contributes to Quebec's development and influence with its original approaches and openness to innovative partnerships.

The Université de Sherbrooke is a French-speaking institution renowned for its human dimension, its innovative operating style and its partnering with professionals. The Université de Sherbrooke is host to more than 31,000 students (from 100 countries and territories worldwide), and another 12,000 students are registered at the University of the Third Age. There are 7,200 employees at the Université de Sherbrooke.

For many years, the **Faculty of Engineering** of the Université de Sherbrooke has held an enviable position in training and applied research by fostering communication and team work. In this stimulating environment, the opportunities for discovery, achievements and initiatives are strongly encouraged.

The Faculty also distinguishes itself through the rigorous and well-rounded training of its students, exemplified by the work-study programs offered. The Faculty of Engineering offers an exceptional performance for its size in terms of technology transfer, leading all Canadian universities for royalties from intellectual property.

## UNIVERSITY'S COMMITMENT TO DIVERSITY, EQUITY AND INCLUSION

The University is committed to making a priority of these values as strategic factors of excellence.

This commitment is stated in the University's Plan d'action d'équité pour les programmes interorganismes (2017–2022).

The University invites all qualified individuals to apply, in particular, women, members of visible and ethnic minorities, aboriginal people, and persons with disabilities under the Programme d'accès à l'égalité en emploi (PAEE). Moreover, the selection tools can be adapted, with an assurance of complete confidentiality, to the needs of persons with disabilities who so request. The University also encourages individuals of all sexual orientations and gender identities to apply. Canadians and permanent residents will be given priority.

## PROFILE REQUIRED

The candidate's expertise is in the field of microelectromechanical systems (MEMS) and nanotechnologies such as, for example, nanomaterials and thin film materials, microfabrication processes, microsystem integration and MEMS design, including microfabricated sensors and actuators, microfluidic systems, and other microsystems.

## PROFESSOR IN MECHANICAL ENGINEERING IN THE FIELD OF MICROELECTROMECHANICAL SYSTEMS (MEMS) AND NANOTECHNOLOGIES

Faculty of Engineering  
Department of Mechanical Engineering  
**Sherbrooke Main Campus**  
Offer 04377

### PRINCIPAL CHALLENGES AND DUTIES

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

### QUALIFICATIONS

- Hold a PhD in mechanical engineering.
- Have a strong interest and good aptitude for teaching, university pedagogy as well as research, development and innovation.
- Demonstrate a good ability to lead graduate students.
- Have a record of achievements including your publications demonstrating your ability to develop and carry out an ambitious research program.
- Demonstrate skills in establishing and maintaining good interpersonal relationships, a sense of collaboration and teamwork skills.
- Demonstrate leadership, initiative and excellent ability to communicate and interact effectively and harmoniously with various internal and external partners.
- Have the ability to teach in French or to achieve this ability quickly.
- Be a member of the Ordre des ingénieurs du Québec (OIQ) or have the qualifications required to become a member and commit to becoming a member as soon as possible.
- Demonstrate an interest in interdisciplinary, multidisciplinary or transdisciplinary research and knowledge transfer.

**Check our website for the full description of all our job opportunities, then submit your application online. For this opportunity, see offer 04377**

Review of applications will begin no later than January 15, 2021, until the position is filled.

Please attach your curriculum vitae, a cover letter and a short document (max. 5 pages) outlining your vision for teaching, a proposal for your short and medium-term research program (first 5 years) and your vision for equity, diversity and inclusion in higher education and research. In addition, please send three (3) letters of recommendation, directly from the signatories, to the following address:

The Dean  
Faculty of Engineering  
Job posting 04377  
Université de Sherbrooke  
2500, boul. de l'Université Sherbrooke (Québec)  
CANADA J1K 2R1  
E-mail : [doyen.genie@USherbrooke.ca](mailto:doyen.genie@USherbrooke.ca)