

Call for applications

Professor of civil engineering

N° 05395

Posting period: April 12, 2022 to September 30, 2022, 5 PM

JOB DESCRIPTION: Professor

LOCATION: Main campus

STATUS: Regular

ADMINISTRATIVE UNIT:

Faculty of Engineering

Civil and Building Engineering Department

SCHEDULE: Full time tenure-track position



The **Université de Sherbrooke (UdeS)** is seeking applications for a position as professor of **Civil Engineering**. This is a full-time tenure track position in the **Civil and Building Engineering Department** of the Faculty of Engineering.

About the Faculty

For many years, the Faculty of Engineering of the Université de Sherbrooke and its Department of Civil and Building Engineering have held an enviable position in the fields of training and applied research by encouraging communication and teamwork. In this convivial environment, discovery and initiative are strongly supported. In addition, the faculty favours rigorous and thorough training of its students and is well-known for its coop program.

The Faculty of Engineering's dynamism sets it apart from other Canadian engineering faculties in terms of technology transfer and the impact it has on society. To foster its long-term growth, the faculty is focusing on several interdisciplinary initiatives and emerging fields.

About the Department

The faculty members of the Civil and Building Engineering department include individuals actively involved in materials, structures, water resources, geotechnics, environment, life cycle assessment, building energy efficiency and integrated building design. The Department is distinguished by its large experimental facilities, including more than 2000 square meters of



structural and materials laboratories, a concrete pilot plant, three large reaction walls, two large test slabs, state-of-the-art structural testing equipment, environmental laboratories, a building energy efficiency laboratory, an external hydraulics and hydrology complex, and a 2000 square meter scale-up facility for large-scale specimen fabrication.

Expertise

The candidate will contribute to the development and use of the LABS platform, which brings together all of the Faculty of Engineering's equipment and technical expertise for civil engineering structural testing. The platform revolves around an infrastructure consisting of two large laboratories designed for large scale static and dynamic testing of various structural elements, as well as for in situ vibration tests on real structures in service.

She or he will participate in teaching and conduct fundamental and applied research in any of the following areas

- Structural engineering
- Earthquake engineering and structural dynamics
- Steel structures
- Reinforced concrete structures
- Wood structures
- Static and dynamic testing of structures
- In situ dynamic characterization tests on structures in service
- Modeling of structures

Functions

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



Requirements

- Hold a doctorate in a discipline deemed relevant.
- Have a strong interest and aptitude for teaching and university pedagogy
- Have a strong interest in research (disciplinary, interdisciplinary) and in knowledge transfer and innovation.
- Demonstrate a strong ability to supervise graduate students.
- Have a record of publications in peer-reviewed journals of international standing, demonstrating excellence in research.
- Demonstrate the ability to establish and maintain good interpersonal relationships, collaboration and teamwork skills.
- Demonstrate leadership qualities, initiative and excellent ability to communicate and interact effectively and smoothly with various internal and external partners.
- Have the ability to teach in French or to achieve this ability in a reasonable period of time.
- Be a member of the Ordre des Ingénieurs du Québec or have the required qualifications and commit to becoming a member as soon as possible.

Work conditions

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

Regular full-time position.

Anticipated start date: January 2023.

Equity, diversity and inclusion

The Université de Sherbrooke (UdeS) values equity, diversity, equality and inclusion in employment within its community and invites all qualified individuals to apply, particularly women, members of visible and ethnic minorities, Aboriginal peoples and [persons with disabilities](#) in compliance with the Quebec Act respecting equal access to employment in public bodies. The screening and assessment tools can be adapted according to the needs of persons with disabilities who request them, and this, in complete confidentiality. The Université de Sherbrooke also encourages people of all sexual orientations and gender identities to apply. Priority will be given to Canadians and permanent residents. [Learn more about equity, diversity and inclusion at UdeS.](#)



Application process

Check out our website, then submit your application online. For this position, see offer # 05395.

Direct link: <https://www.usherbrooke.ca/emplois/offre/no/05395>

The deadline to apply is **FRIDAY, SEPTEMBER 30, 2022 at 5:00 p.m.**

Review of applications will begin on October 1, 2022 and will continue until the position is filled.

Please attach:

1. Your curriculum vitae;
2. A motivation letter;
3. A proposal for a research program (2 pages) including the main topics related to your previous work, the research objectives, the summary of activities, the integration with the priority research themes of the Faculty of Engineering, the training of the highly qualified personnel who will be called upon to collaborate, as well as the funding and networking possibilities;
4. A description of your vision of teaching (2 pages) including the pedagogical activities to which you could contribute and/or that you would like to develop and the teaching methods that you advocate;
5. A one-page text on equity-diversity-inclusion (EDI) that presents specific actions already taken or planned to promote EDI (i) in the training of new faculty (recruitment, mentoring, career development); (ii) in the realization of research projects; as well as (iii) in the involvement in university life;
6. Reprints of your most relevant recent contributions.

In addition, please send three (3) letters of recommendation, directly from the signatories, to the following address:

Dean of the Faculty of Engineering

Job posting 05395

Université de Sherbrooke

2500, boul. de l'Université Sherbrooke (Québec)

CANADA J1K 2R1

E-mail : doyen.genie@USherbrooke.ca