

CIVIL ENGINEERING AND WATER ENGINEERING

Faculty position in the field of risk analysis in geotechnical engineering

Position description

- Teach a variety of undergraduate and graduate courses in geotechnical and road engineering;
- develop research activities in the field of risk analysis in geotechnical engineering applied to roads and other linear structures, while contributing to the supervision of graduate students;
- assume administrative duties and participate to the department activities.

Qualifications

Applicants must show explicit potential or proven ability for excellence in teaching and research. A strong background in the field of geotechnical engineering and risk analysis is required. Experience and knowledge in road and transportation engineering would be considered as an asset.

Also, applicants must:

- hold a bachelor degree in Civil Engineering or equivalent and a PhD in a relevant discipline (or a PhD degree nearing completion);
- show potential to develop and conduct high-level research activities;
- demonstrate interest and ability to collaborate with the researchers of the geotechnical section;
- demonstrate high interest and ability in teaching;
- demonstrate good communication skills in French (or be strongly committed to acquire such skills);
- be member of the Ordre des Ingénieurs du Québec (or be committed to become one).

The selected candidate will be expected to collaborate with the researchers of the geotechnical section and will have access to state-of-the-art laboratory facilities, in particular the soil mechanics laboratory, the pavement geotechnical engineering laboratory and the Laval University experimental road site (SERUL) and the new laboratory on sustainable development of urban infrastructure, which were funded by NSERC, FQRNT, the Canadian Foundation for Innovation (CFI), and the Government of Québec.

The Department of civil engineering and water engineering is currently composed of 26 faculty members specialized in geotechnical engineering, water and environment, and materials and structural engineering. With various research Chairs, groups and centers, it has inherited internationally recognition. At the undergraduate level, the Department carries both a Civil engineering degree and a Water engineering degree. The total annual enrolment amounts to more than 750 undergraduate students and approximately 125 graduate students.

Employment conditions

Rank according to experience.

Salary according to the current collective agreement.

Application period ends: June 15th, 2011

Employment begins: January 1st, 2012

All qualified persons are invited to send their application including a *curriculum vitae*, a description of their expertise, an overview of their intended research program, as well as the name and complete coordinates of three persons to whom the candidate will ask a reference letter to be sent to:

Rosa Galvez, Head

Université Laval, Civil and Water Engineering Department

Pavillon Adrien-Pouliot

1065 avenue de la Médecine, local 1916-B

Québec (Québec)

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Additional information about the Department of Civil and Water Engineering may be found at:

www.gci.ulaval.ca

Laval University Laval is an equal opportunity employer that values diversity in its workforce and encourages applications from all qualified candidates, in particular, women, members of visible and ethnic minorities, and people with disabilities. However, Canadians and permanent residents of Canada are given first priority.