



UNIVERSITÉ
LAVAL

Faculté des sciences et de génie
Département de géologie et de génie géologique

Tenure-track Faculty position in mineral deposit geology

The first francophone university in North America, Université Laval is amongst the top-ranked comprehensive universities in Canada. Recognised for its leadership and high-achievements in education and research, it offers a convivial and diverse environment in the heart of Quebec City, a UNESCO World Heritage City of 750,000 people (<http://www.quebecregion.com/en/>). The university community counts amongst its ranks over 40,000 students and offers an engaging work environment which was recently ranked by Forbes magazine as one of Canada's best employers.

The Department of Geology and Geological Engineering (www.ggl.ulaval.ca) consists of 12 professors, two of whom hold Research Chairs and two others with Leadership Teaching Chairs. The department is host to two undergraduate programs, Geology and Geological Engineering. It also offers two masters programs and a PhD in Earth Sciences. The student body includes over 150 undergraduate and 50 graduate students.

The tenure-track Faculty position is associated with the NSERC-Agnico Eagle Industrial Research Chair in Mineral Exploration, the main objective of which is to develop mineral exploration methodologies using the physical and chemical properties of indicator minerals. Mineral exploration is also a research theme of the Centre for the Geology and Engineering of Mineral Resources (E4m). Sustainable and responsible development of natural resources is a strategic axis of development for Université Laval.

Description of position

- Tenure-track faculty position ;
- Contribute to the research activities of the Chair ;
- Teach undergraduate and graduate courses in mineral deposit geology and metallogeny;
- Develop and secure external funding for a high quality research program in the field of mineral deposit geology and metallogeny
- Supervise and coordinate graduate student research in the field of mineral deposit geology ;
- Assume an active role within the department by contributing to internal administrative tasks that are often beyond normal teaching and research duties;

Selection criteria

The selected candidate will have a solid expertise in Earth Sciences, including the fields of mineral deposit geology and metallogeny. Expertise in mineral chemistry, in particular in situ analytical methods, is also desirable.

Furthermore, the selected candidate will have to meet the following criteria:

- Have been awarded an undergraduate degree (or equivalent) in geology, geological engineering or in a related field, and a doctoral degree in a field that is appropriate to the position;
- Demonstrate the ability to develop, fund and manage a high-quality and high-impact research program;
- Provide evidence of ability to collaborate within multi-disciplinary research teams and networks and demonstrate a positive contribution to these research entities;
- Provide evidence of being skilled in the development of high-quality course material using rich and engaging content for regular and continuing education;
- Demonstrate strong communication skills by clearly communicating the results and impact of relevant research achievements;
- Provide evidence of excellent teaching abilities in the domain;
- Demonstrate a good working competency in the French language (written and oral) or provide a concise plan to reach this level within one year;
- Be a member in good standing with the Ordre des géologues du Québec or the Ordre des ingénieurs du Québec. The selected candidate will otherwise be required to provide a concise plan to meet this requirement within a period of time which cannot exceed the initial contract.

Salary and benefits

Academic rank will be assessed commensurate with experience, and salary will be determined according to the collective agreement in place at the time of hire.

All potential candidates who wish to submit their candidacy should prepare a complete candidacy package which includes : (1) a long-form CV that includes publications and research achievements, (2) an overview of the proposed research program (maximum of 5 pages), (3) an overview of the teaching strategies and the candidate's pedagogical approach to teaching Earth Science (maximum of 2 pages) and (4) the name and full contact details of three referees. The full application package, containing all four aforementioned parts should be sent electronically as a PDF document to direction-ggl@listes.ulaval.ca :

Marc Constantin
Head, Département de géologie et de génie géologique
Université Laval

The review of the candidates will start on November 1, 2017. Applications received beyond this date will be considered until the position is filled. The expected start date for the successful applicant is January 31, 2018.

Université Laval, through its commitment to the promotion of diversity, invites all qualified applicants to submit their candidacy. In particular, we invite women, members of visible minorities, members of ethnic or indigenous groups and differently-abled people to submit their candidacy. Priority will be given to those who are Canadian citizens or who are permanent residents of Canada.