

**DÉPARTEMENT DES SCIENCES DE LA TERRE ET DE L'ATMOSPHÈRE
UNIVERSITÉ DU QUÉBEC À MONTRÉAL (UQAM)
ASSISTANT PROFESSORSHIP IN APPLIED GEOPHYSICS**

The starting date is scheduled for June 1, 2022, subject to the required budgetary authorizations.

The Département des sciences de la Terre et de l'atmosphère (Earth and Atmospheric Sciences) invites candidates to apply for a tenure-track position in Applied Geophysics.

The successful candidate must be able to establish a research program using geophysical methods (e.g., seismic, magnetic, electric, gravitational, electromagnetic, ground-penetrating radar) in applications such as natural-resources exploration, environmental geology, hydrogeology and geomorphology. We are looking for candidates whose experience in research and teaching is complementary to that of the department, and who can develop collaborations with our professors.

The department offers education in Earth science at undergraduate, Masters and PhD level (<https://scta.uqam.ca/futurs-etudiants/la-geologie-luqam/>). Current expertise includes structural and economic geology, solid-Earth geophysics, geochemistry, geochronology, environmental geology, hydrogeology, Quaternary geology, paleo-oceanography, and paleoclimatology. The department is also active in research into climatology, climate modelling, and climate-related hazards.

Several members of the department are also member of the Geotop Strategic network on Earth system dynamics (<https://www.geotop.ca/en/>), a Québec-wide group with national and international collaborations. Geotop is internationally recognized for its research contributions in geosciences, including natural resources (minerals, energy and water), climate change, Earth system dynamics and evolution, natural hazards and human-driven pressures.

SUMMARY OF TASKS

- Teaching and training of students at all levels (undergraduate and graduate)
- Research in the target field of study
- Service to the department, university, and scientific community

REQUIREMENTS FOR THE POSITION

The candidate must:

- Hold a PhD in Earth science with specialization in applied geophysics at the time of the appointment,
- Demonstrate a keen interest in teaching and supervision of student projects at undergraduate and graduate levels,
- Aim to develop an ambitious research program in applied geophysics related to natural resources or the environment,
- Have an excellent record of research and publications in peer-reviewed journals,
- Have strong communications skills (oral and written) in French. *

* Candidates should have at least a basic knowledge of French at the time of appointment, as courses at UQAM are given in French. Language training will be offered, and fluency in French (level C1 of the Common European

Framework of Reference for Languages) is an essential condition for obtaining tenure, in accordance with the UQAM-SPUQ collective agreement.

ASSETS

The following will be considered as advantages:

- Experience in teaching geophysics courses and other courses in geoscience,
- Experience in supervision of student projects and management of a research group,
- Experience in writing grant proposals and obtaining research funding,
- Experience in service to the scientific community and participating in committees.

PREFERRED STARTING DATE: JUNE 1, 2022

SALARY: According to the UQAM-SPUQ collective agreement

Mindful to be representative of Québec society and determined to enrich itself in terms of diversity, the University invites all qualified people to apply, in particular women, Indigenous people, members of visible and ethnic minorities, as well as people with disabilities, in relation to the Equal Access to Employment program. People from these groups are invited to self-identify when submitting their application by completing the self-identification questionnaire at this address, and attaching it to their application:

<https://www.rhu.uqam.ca/visiteurs/egalite/QuestionnaireAccesEgalite.pdf>

In accordance with Canadian immigration requirements, priority should be given to those with the necessary authorizations to work in Canada. This criterion is not a priority within the scope of the applicable collective agreements.

HOW TO APPLY

Applicants must submit their application by email to darbyshire.fiona_ann@uqam.ca with a copy to beauchemin.france@uqam.ca, in a single PDF file including a motivation letter, a detailed curriculum vitae, a declaration of research interests (maximum 2 pages), and a statement of teaching philosophy (maximum 1 page). Three letters of recommendation supporting your application must also be sent by email to the same addresses. The deadline for application is **FEBRUARY 1, 2022**, at 5:00pm (Eastern Standard Time).

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