UNIVERSITÉ DU QUÉBEC
EN ABITIBI-TÉMISCAMINGUE

JOB OFFER

Date : December 10, 2018
Competition nº 2018-107

The Université du Québec en Abitibi-Témiscamingue (UQAT) is a human sized institution that operates primarily in the Abitibi-Témiscamingue, in the Nord-du-Québec, in the Hautes Laurentides and with aboriginal communities. Over the last quarter century, UQAT has distinguished itself at several levels: teaching, research and creation, and service to the community. Thanks to its recognized expertise, UQAT plays an increasingly significant role not only at the regional scale, but also at the provincial, national and international scales. The university's unique development model builds on partnerships in all its territories and thus ensuring accessibility to university training. UQAT has been able to develop in several fields in which it is now renowned: creation and new media, human and social development, education, forests, engineering, management, mining and the environment, health and aboriginal communities.

Research in the development of hydrometallurgical processes to improve the exploitation of mineral resources and reduce environmental impacts related to mine waste management at UQAT is in development. Professors working in the sector are affiliated with Research Institute on Mines and the Environment (RIME), a multidisciplinary team of 14 professors working on the entire mineral development process. The vision of hydrometallurgical research is to acquire the scientific and technical knowledge necessary for the sustainable development of base and strategic metal mines and mine waste valorization. From 2018 to 2023, research in the exploitation of strategic metals sector will develop mainly around three axes: 1) geometallurgy and prediction of water quality; 2) hydrometallurgy; 3) responsible management of mine waste, water treatment and mine site reclamation. The research laboratories of the "Unité de recherche et de service en technologie minérale (URSTM)", as well as its technical and professional employees, support the deployment of RIME's multidisciplinary research projects.

The Research Institute on Mines and the Environment (RIME) is seeking to fill a position of:

TENURE TRACK PROFESSOR IN HYDROMETALLURGY OF RARE EARTH ELEMENTS

Competition nº 2018-107 **Date : December 10, 2018**

FONCTION:

The person sought will teach to graduate-level students with the aim of furthering their theoretical and scientific knowledge in the fields of hydrometallurgy, ore processing, management of mine waste, and the environment. The candidate will be required to conduct research and secure funding for the projects conducted by graduate students through granting agencies and other sources.

The selected candidate will actively participate in the development as well as national and international outreach of the «*Éléments08*» Strategic Metals Center of Excellence through the development of an innovative research program on the development of hydrometallurgical processes for the extraction of rare earth elements from primary or secondary Canadian deposits and their residues. The candidate will be asked to perform administrative tasks at RIME and will have to integrate into the existing research team.

REQUIREMENTS:

- Doctoral degree with a specialization in one or more fields related to the hydrometallurgy or extractive metallurgy, mining engineering, chemical engineering, environmental chemistry applied to the mining context or any other relevant field.
- A well-established or promising academic research portfolio, for the purpose of initiating or pursuing a high-quality autonomous and innovative research program.
- Pedagogical skills and ability to provide educational support and mentoring to master's and doctoral students. *Doctoral students must show an interest and readiness to acquire these skills and ability.*
- A readiness and ability to integrate, cooperate, exchange, and work in a team; a capacity to become actively involved in the development and management of RIME and of *Éléments08*.
- Proficiency in spoken and written French and English; the application of a candidate who is not proficient in French may be considered, subject to specific conditions.

Note: *The hiring of a candidate whose doctorate is not completed may be considered. The candidate will have to present an official letter, from his thesis supervisor, confirming the date of the submission of the thesis.*

OTHER CRITERIA CONSIDERED AS AN ASSET:

- Industrial experience and good knowledge of Canadian or international mining.
- Membership in a professional association, such as the Ordre des ingénieurs du Québec (OIQ) or Ordre des géologues du Québec (OGQ).

PRIMARY WORK LOCATION: Rouyn-Noranda, Abitibi-Témiscamingue

START DATE: April 1st, 2019

SALARY: Salary is based on the qualifications and experience of each candidate according to the current collective agreement.

In compliance with Canada's immigration requirements, this competition gives priority to Canadian citizens and permanent residents of Canada. UQAT is an equal opportunity employer (targeted groups: women, visible and ethnic minorities, Aboriginal persons, persons with disabilities).

APPLICATION:

An application file includes a detailed resume, a letter of motivation in which you describe in particular your teaching philosophy and the main orientations of your proposed research program, two letters of recommendation, the doctorate degree or a letter from the thesis director mentioning the submission date of the thesis.

Specific condition: For your application to be considered, you must enclose an equal access to employment form, duly completed. The form is also available from our website (www.uqat.ca/emplois).

All applications will be treated confidentially. Interested candidates must submit their full application file, **specifying the competition number by February 8, 2019, at 12 pm** to the attention of:

Mr. Vincent Cloutier, director
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