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Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Link's Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

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Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/05/07

Geological Engineering Professor (Geostatistics)

Job ID	4A-2C-29-A0-B0-08	
Web Address	https://careers.indigenous.link/viewjob?jobname=4A-2C-29-A0-B0-08	
Company	Polytechnique Montreal	
Location	Montreal, Quebec	
Date Posted	From: 2022-06-30	To: 2022-12-27
Job	Type: Full-time	Category: Engineering
Job Start Date	As soon as possible	
Languages	French And English	

Description

Geological Engineering Professor (Geostatistics)

Reference: 22-PR-4

Duration: This position is tenure-track.

Location : Montreal, Quebec

Deadline date : August 7, 2022

Polytechnique Montreal is an internationally recognized engineering university. Located in the heart of Montreal on Mount Royal, it is renowned for the high quality of the training offered at all levels, and for its multidisciplinary and multisectoral research, at the forefront of the local, national and international engineering.

Approaching its 150th anniversary, it now welcomes close to 10,000 students and relies on the expertise of nearly 1,600 staff members with diverse skills, including more than 300 professors.

Polytechnique has been certified Gold by the STARS organization. Polytechnique is known for its innovative approach, and its active role in technological, economic, and social development. It values the diversity of its employees and adheres to an equal employment opportunity program for women, visible and ethnic minorities, Indigenous people and those with disabilities. Having received the Parity Certification from Women in Governance, it offers excellent working conditions, focusing on work-life balance and the well-being of its employees.

JOB DESCRIPTION

Polytechnique Montreal's Department of Civil, Geological and Mining Engineering hosts around 1,200 students, of whom a third are women and 400 are graduate students. With 45 professors and three full-time lecturers, including 13 women, the Department is a Canadian research leader in several sectors, such as transportation planning, structural and earthquake engineering, mining waste management, hydraulics, and drinking water and wastewater treatment. The Department also hosts several chairs and research groups, notably the MADITUC group (transportation), the Geothermal and Hydrogeology Group, CREDEAU (water management), the NSERC Industrial Chair on Drinking Water, the Canada Research Chair in Modelling Complex Hydro-Environmental Systems, the Canada Research Chair in Numerical Modelling and Experimental Simulation in Earthquake Engineering, the Canada Research Chair on Personal Mobility, and the MOBILITE Research Chair on the Evaluation and Implementation of Sustainability in Transportation. The Department is a partner of the Research Institute on Mines and the Environment - RIME UQAT - Polytechnique.

The Department of Civil, Geological and Mining Engineering is looking for a person who has a particular interest in geostatistics as applied to one or more of the following specialties, but not limited to:

- Mineral resource assessment
- Hydrogeology
- Geophysics
- Environment
- Numerical modelling
- Machine learning or deep learning

The candidate specializes in one or several of the aforementioned areas, and their research program uses both an experimental and/or modelling approach and in-situ investigation. Finally, the candidate should have an interest in developing interdisciplinary collaborations within and outside the Department of Civil, Geological and Mining Engineering.

RESPONSIBILITIES

The successful candidate will carry out the responsibilities of this position with dynamism and creativity. Among other duties, they will:

- Demonstrate a commitment to excellence in teaching at the undergraduate, graduate and doctoral levels;
- Supervise undergraduate, graduate and doctoral students;
- Carry out innovative research projects;
- Obtain grants and contracts aimed at supporting research work with the aim of training highly qualified personnel;
- Publish the scientific results of this research;
- Participate in the department's teaching and research activities;
- Collaborate with other research teams at Polytechnique Montreal or other institutions;
- Contribute to enhancing Polytechnique Montreal's visibility and influence in Quebec and internationally.

PROFILE AND JOB REQUIREMENTS

The candidate will meet the following requirements:

- Hold a PhD in engineering or equivalent in a relevant field;
- Have a proven track record of developing and conducting an independent research program that will enable them to obtain funding to supervise

graduate students;

- Demonstrate excellent teaching skills, if possible supported by teaching evaluations;
- Be able to contribute positively to the department's working environment and adhere to Polytechnique's values of excellence, creativity, integrity, collaboration, respect and openness;
- Be a member of the Ordre des ingenieurs du Quebec (OIQ) or take the necessary steps to become a member before submitting their tenure file;
- Have a sufficient command of oral and written French before submitting their tenure file, since French is the language of instruction at Polytechnique Montreal.

Polytechnique Montreal will provide the candidate with the necessary assistance and support to register with the OIQ and to learn French. Applicants with a bachelor's degree in engineering or with industry experience are encouraged to include this in their application.

ADVANTAGES OF WORKING AT POLYTECHNIQUE MONTREAL

This position is tenure-track.

- Salary and benefits are determined in accordance with the provisions of the collective agreement in effect. This agreement provides for, among others:
- Provisions for work-family balance, such as maternity, paternity and adoption leave, in addition to the Quebec Parental Insurance Plan;
- The possibility of benefiting from paid respite periods;
- A defined-benefits pension plan.
- In addition, relocation and immigration support is available to the successful candidate and their family.

To learn more about Polytechnique Montreal and the benefits of contributing to its mission, please explore: Avantages et milieu de vie.

START DATE

As soon as possible.

APPLICATIONS

Candidates are invited to submit an application file that includes:

- A cover letter
- A CV
- A statement of main achievements and teaching philosophy
- A statement of major research achievements and prospects
- Proof of university degrees
- Up to three significant contributions related to the position
- Teaching evaluations, if available

For more information about this position, please contact:

Professor Richard Simon, Eng., PhD

Director

Department of Civil, Geological and Mining Engineering

Polytechnique Montreal

Case postale 6079, succursale Centre-ville

Montreal (Quebec) H3C 3A7

CANADA

E-mail: candidaturescgm@polymtl.ca

We encourage all qualified applicants to apply. In accordance with immigration rules, priority will be given to Canadians and permanent residents.

Please apply online at : <https://rita.illicohodes.com/go/62bc9c3a8e8f14b945fb2aa3/56a5293b2463b5062cf64001/en>

PROFESSEURE, PROFESSEUR EN GENIE GEOLOGIQUE (GEOSTATISTIQUE)

Reference : 22-PR-4

Duree : Ce poste mene a la permanence

Endroit : Montreal, Quebec

Date d'echance : 7 aout 2022

Polytechnique Montreal est une universite d'ingenierie de renommee internationale. Situee sur le Mont-Royal, en plein coeur de Montreal, elle s'illustre par sa recherche multidisciplinaire et multisectorielle de premier plan sur la scene locale, nationale et internationale, et par la grande qualite de la formation offerte a tous les cycles.

A l'aube de son 150e anniversaire, elle accueille aujourd'hui pres de 10 000 etudiantes et étudiants et compte sur l'expertise de pres de 1 600 personnes aux competences diverses, dont plus de 300 professeures et professeurs.

Certifiee STARS, niveau Or, en developpement durable, Polytechnique se distingue par ses avancees de pointe et son role actif dans le developpement technologique, environnemental, economique et social. Elle valorise la diversite des personnes membres de son personnel et applique un programme d'acces a l'egalite en emploi visant les femmes, les membres des minorites visibles et ethniques, les Autochtones et les personnes handicapees. Ayant recu la certification Parite de La Gouvernance au Feminin, elle offre d'excellentes conditions de travail misant notamment sur la conciliation travail-vie personnelle et le bien-etre de ses employees et employes.

DESCRIPTION DE L'EMPLOI

Le Departement des genies civil, geologique et des mines de Polytechnique Montreal accueille environ 1200 etudiantes et étudiants, dont 400 aux cycles superieurs. Un tiers sont des femmes. Regroupant 45 professeures et professeurs, trois maitres d'enseignement, dont 13 femmes, le departement est l'un des chefs de file canadiens en recherche dans plusieurs secteurs dont la planification des transports, le genie des structures et parasismique, la gestion des rejets miniers, l'hydraulique et le traitement des eaux potables et usees. Il heberge plusieurs chaires et groupes de recherche, notamment le groupe MADITUC (transports), le CREDEAU (gestion de la qualite de l'eau), la Chaire industrielle CRSNG en traitement des eaux potables, la Chaire de recherche du Canada en hydrosystemes numeriques, la Chaire de recherche du Canada en modelisation numerique et simulation experimentale en genie parasismique, la Chaire de recherche du Canada en traitement de l'eau en installations decentralisees ou de petite echelle, la Chaire de recherche du Canada en mobilite des personnes et la Chaire Mobilite sur l'evaluation et la mise en oeuvre de la durabilite en transport, la Chaire industrielle CRSNG en geothermie sur l'integration des puits a colonne permanente dans les batiments institutionnels ainsi que le

Groupe de geothermie et d'hydrogeologie. Le Departement est partenaire de l'Institut de recherche en mines et environnement - IRME UQAT - Polytechnique.

Le Departement des genies civil, geologique et des mines est a la recherche d'une personne qui demontre un interet particulier pour la geostatistique appliquee a une ou plusieurs des specialites suivantes, mais sans s'y limiter :

- evaluation des ressources minerales;
- hydrogeologie
- geophysique;
- environnement;
- modelisation numerique;
- apprentissage machine ou apprentissage profond.

La personne recherchee possede une specialisation dans un ou plusieurs des domaines cites et son programme de recherche utilise a la fois une approche experimentale et/ou de modelisation et d'investigation in situ. Enfin, la personne recherchee devra demontrer un interet a developper des collaborations interdisciplinaires a l'interieur et a l'exterieur du Departement des genies civil, geologique et des mines.

PRINCIPALES RESPONSABILITES

La personne recherchee exercera avec dynamisme et creativite les responsabilites associees a ce poste. Elle devra notamment :

- Demontrer un engagement a l'excellence en enseignement a tous les cycles;
- Diriger des etudiantes et etudiants au premier cycle et aux cycles superieurs;
- Realiser des projets de recherche novateurs;
- Obtenir des subventions et contrats visant a former, par des travaux de recherche, du personnel hautement qualifie;
- Publier les resultats scientifiques de ses travaux de recherche;
- Collaborer aux activites d'enseignement et de recherche du departement;
- Collaborer avec d'autres groupes de recherche de Polytechnique ou d'autres institutions;
- Contribuer au rayonnement de Polytechnique Montreal au Quebec et a l'international.

PROFIL RECHERCHE ET EXIGENCES DE L'EMPLOI

La personne recherchee remplit les exigences suivantes :

- Etre titulaire d'un doctorat en genie ou l'equivalent dans un domaine pertinent;
- Presenter un dossier de recherche demontrant sa capacite a developper et mener un programme de recherche independant lui permettant d'obtenir du financement afin d'encadrer des etudiants aux etudes superieures;
- Demontrer d'excellentes aptitudes pour l'enseignement, si possible attestees par des evaluations d'enseignement;
- Pouvoir contribuer positivement a l'environnement de travail du departement et adherer aux valeurs de Polytechnique d'excellence, de creativite, d'integrite, de collaboration, de respect et d'ouverture;
- Etre membre de l'Ordre des ingenieurs du Quebec (OIQ) ou prendre les mesures necessaires afin de le devenir avant le depot du dossier de permanence;
- Maitriser suffisamment la langue francaise parlee et ecrite avant le depot du dossier de permanence, la langue d'enseignement a Polytechnique Montreal etant le francais.

Polytechnique Montreal fournira l'aide et le soutien necessaires a la personne retenue pour l'inscription au tableau de l'OIQ ainsi que pour l'apprentissage du francais.

Les personnes possedant un baccalaureat en genie ou de l'experience industrielle sont encouragees a le faire valoir dans leur dossier de candidature.

AVANTAGES DE TRAVAILLER A POLYTECHNIQUE MONTREAL

Ce poste mene a la permanence.

Le traitement et les avantages sociaux sont determines selon les dispositions de la convention collective en vigueur. Celle-ci prevoit notamment :

- Des dispositions pour la conciliation travail-famille, telles que des conges de maternite, de paternite et d'adoption en sus du Regime quebecois d'assurance parentale;
- La possibilite de beneficier de periodes de ressourcement avec salaire;
- Un regime de retraite a prestations determinees.
- De plus, un soutien a la relocalisation et a l'immigration est offert a la personne candidate et sa famille.

Pour en connaitre davantage sur Polytechnique Montreal et les avantages de collaborer a sa mission, veuillez explorer : Avantages et milieu de vie.

DATE D'ENTREE EN FONCTION

Le plus tot possible.

MISE EN CANDIDATURE

Les personnes interessees sont invitees a soumettre un dossier comprenant :

- Lettre de presentation
- Curriculum vita
- Enonce des principales realisations et de la philosophie par rapport a l'enseignement
- Enonce des principales realisations et des perspectives en recherche
- Attestation des diplomes universitaires
- Jusqu'a trois contributions significatives relatives au poste
- Evaluations de l'enseignement, si disponibles

Pour plus d'informations en lien avec cet emploi, veuillez communiquer avec :

Professeur Richard Simon, ing., Ph.D.

Directeur

Departement des genies civil, geologique et des mines

Polytechnique Montreal

Case postale 6079, succursale Centre-ville

Montreal (Quebec) H3C 3A7

CANADA

Courriel : candidaturescgm@polymtl.ca

Nous encourageons toutes les personnes qualifiées à postuler. Conformément aux règles d'immigration, la priorité sera toutefois accordée aux Canadiennes et Canadiens ainsi qu'aux résidentes et résidents permanents.

SVP Postulez en ligne au : <https://rita.illicohodes.com/go/62bc9c3a8e8f14b945fb2aa3/56a5293b2463b5062cf64001/fr>

Education Requirements

Hold a PhD in engineering or equivalent in a relevant field

How to Apply

Click "Apply Now"