



FACULTY POSITION IN HIGH-TEMPERATURE MATERIALS PROCESSING & EXTRACTION

DEPARTMENT OF MINING AND MATERIALS ENGINEERING

McGill University

TITLE OF POSITION: Assistant/Associate Professor in Materials Engineering

The Department of Mining and Materials Engineering at McGill University, invites applications for a tenure-track faculty position in materials engineering at the rank of Assistant or Associate Professor depending on years of experience. The expected appointment start date is August 1, 2020 but a later date can be arranged as needed. The salary will be commensurate with experience.

We are particularly interested in hiring in the area of “High-Temperature Materials Processing and Metal Extraction” with particular emphasis on ability to teach and conduct research in thermodynamics, computational modeling and experimentation of high-temperature metallurgical/materials processes. In terms of research, candidates working in the areas of pyrometallurgy, process & extractive metallurgy and high-temperature chemical processing of inorganic materials are particularly welcomed to apply. Excellent candidates with research activities and interests in other materials process engineering areas may also be considered.

The Department is home to two programs. Materials Engineering, housed at the Wong Building, has excellent lab facilities and a faculty complement of 16 professors and 1 Senior Faculty Lecturer with strong activities in several research areas-see 2018 Annual Report at: <http://www.mcgill.ca/minmat/>. The Department is committed to excellence in teaching in its undergraduate and graduate programs and values service contributions of its Faculty members to the University, the profession and society at large. The successful candidate will play a leading role in maintaining McGill’s international reputation of excellence in research, teaching and service.

Candidates must have a Ph.D., preferably with a first degree in metallurgical/materials science & engineering or another allied engineering field. Evidence of outstanding research achievements, or research potential as evidenced by publication in leading journals in the field, is indispensable. Preferred qualifications include dedication to an environment that supports diversity of population and perspectives; as our students come from a wide range of disciplines, cultures, and backgrounds, we invite candidates to address in their application their ability to teach, supervise, and mentor in this context. Membership or eligibility for membership in a Canadian professional engineering association is required. Applications should be submitted by January 31, 2020 and

will be reviewed on an ongoing basis until a suitable candidate has been identified. Only shortlisted candidates will be notified.

Interested candidates should submit, by email, applications which include their resume, statements outlining their experience, interests & plans in teaching and research, names and addresses of at least three referees who can write letters of recommendation on their behalf, and copies of up to five recent key publications to:

Chair, Materials Faculty Search Committee

Email: position.mm@mcgill.ca

McGill University is committed to equity and diversity within its community and values academic rigour and excellence. We welcome and encourage applications from racialized persons/visible minorities, women, Indigenous persons, persons with disabilities, ethnic minorities, and persons of minority sexual orientations and gender identities, as well as from all qualified candidates with the skills and knowledge to engage productively with diverse communities.

At McGill, research that reflects diverse intellectual traditions, methodologies, and modes of dissemination and translation is valued and encouraged. Candidates are invited to demonstrate their research impact both within and across academic disciplines and in other sectors, such as government, communities, or industry.

McGill further recognizes and fairly considers the impact of leaves (e.g., family care or health-related) that may contribute to career interruptions or slowdowns. Candidates are encouraged to signal any leave that affected productivity, or that may have had an effect on their career path. This information will be considered to ensure the equitable assessment of the candidate's record.

McGill implements an employment equity program and encourages members of designated equity groups to self-identify. It further seeks to ensure the equitable treatment and full inclusion of persons with disabilities by striving for the implementation of universal design principles transversally, across all facets of the University community, and through [accommodation policies and procedures](#). Persons with disabilities who anticipate needing accommodations for any part of the application process may contact, in confidence, this [email](#) or phone at 514-398-2477.

All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority.

Please reference the source of the ad when applying for, or enquiring about, this job announcement.