



McGill Faculty of
Engineering

FACULTY POSITION IN ADVANCED ELECTROCHEMICAL BATTERY MATERIALS

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, 2019. The salary will be commensurate with experience.

This tenure-track academic position was created in response to the recent creation of an NSERC Industrial Research Chair for one of our Senior Faculty Members, sponsored by Hydro-Quebec focusing on “Characterization and synthesis of new high-energy density materials beyond Li ion batteries.” We are therefore particularly interested in hiring in the area of “Advanced electrochemical battery materials” with emphasis on the ability to teach and conduct research in energy materials, materials electrochemistry, solution processes, and other related materials science & engineering subjects. In terms of research, we are seeking excellent candidates working in the areas of synthesis, electrochemistry and processing of nanostructured electrode and/or electrolyte materials for high-energy density Li-ion (and beyond) battery devices. Familiarity with material characterization and modeling techniques will be an asset.

Materials Engineering, which is housed in 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, please refer to: <http://www.mcgill.ca/minmat/>. We are a diverse and enthusiastic group and we welcome team players who are collaborative, dependable and committed to the McGill core values of being student-centered and research intensive.

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 joining our team will play a leading role in maintaining McGill’s international reputation of excellence in research, teaching and service. Research in emerging energy materials is a strategic area for McGill and the Faculty of Engineering as evidenced by the recent launching of the McGill Sustainability Systems Initiative (MSSI, <https://www.mcgill.ca/mssi/>) and the Trottier Institute for Sustainability in Engineering & Design (TISED, <https://www.mcgill.ca/tised/>) to which the successful candidate will have the opportunity to participate and contribute.

Candidates must have a Ph.D., preferably with a first degree in materials science & engineering or a related field in engineering or applied science. An outstanding research record, or research potential, as evidenced by publication in leading journals in the field, is essential. A dedication to an environment that supports diversity of population and perspectives is also critical, as our students come from a wide range of disciplines, cultures, and backgrounds. We invite candidates to address, in their application dossier, their ability to teach, supervise, and mentor in this context.

Membership or eligibility for membership in a Canadian professional engineering association is required.

Applications will be reviewed beginning November 19, 2018 and will continue until the position is filled. Interested candidates should submit, by email, applications that includes a 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

COMMITMENT TO EQUITY AND DIVERSITY

McGill University hires on the basis of merit and is strongly committed to equity and diversity within its community. 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 productively engage with diverse communities.

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 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, Professor Angela Campbell, Associate Provost (Equity and Academic Policies) by email or phone at 514-398-1660.

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.