



ENGINEERING
Materials Science
& Engineering

Teaching-Stream Faculty Position

McMaster University, Department of Materials Science and Engineering

McMaster University is located on the traditional territories of the Haudenosaunee and Mississauga Nations and, within the lands protected by the Dish with One Spoon wampum agreement.

Position Description

McMaster University's Faculty of Engineering invites applications for a teaching-track position at the rank of Assistant Professor in the Department of Materials Science and Engineering; however, exceptional candidates may be considered at the rank of Associate or Full Professor. Located on the main university campus, to begin on July 1, 2022 or shortly thereafter. The appointment will be for a three-year period, renewable for a further three years (subject to an academic assessment). During the second term, the appointees will be eligible to be considered for a permanent teaching appointment based on demonstrated excellence as an educator.

The successful applicant must have or be very near completion of a Ph.D. in Materials Engineering, or closely related discipline by the time of the appointment. The applicant must demonstrate a record of excellence in teaching and a willingness and ability to contribute to the department's collegial and collaborative intellectual community as well as university-wide inclusive excellence goals and priorities. The applicant will be teaching materials engineering core courses as well as courses promoting integrated learning across the Faculty of Engineering. The applicant is expected to contribute towards the development and implementation of The Pivot, the largest transformation of the student experience ever taken in 60 years at McMaster Engineering. The position is classified as 80% teaching and 20% service, although involvement in pedagogical research is expected over the longer term, concerning introduction and use of appropriate instructional methodologies in the classroom. Registration as a Professional Engineer of Ontario or eligibility to acquire registration in Canada is an essential qualification.

McMaster Engineering has a reputation for innovative programs, cutting-edge research, leading faculty, and aspiring students. With over 190 faculty members, along with approximately 7,500 undergraduate and 1,250 graduate students, we have earned a strong reputation as a centre for academic excellence and innovation. Discover more of what McMaster Engineering and the Hamilton area have to offer academic professionals and their families by reviewing our [Information Guide](#) highlighting our research excellence, family-friendly resources and rich local culture. Opportunities for continuous personal and professional growth are also made available through our Faculty's [Fireball Academy](#) and the [MacPherson Institute](#).

Commitment to Inclusive Excellence

The diversity of our workforce is at the core of our innovation and creativity and strengths our research and teaching excellence. In keeping with its Statement on Building an Inclusive Community with a Shared Purpose, McMaster University strives to embody the values of respect, collaboration, and diversity, and has a strong commitment to employment equity.

The University seeks qualified candidates who share our commitment to equity and inclusion, who will contribute to the diversification of ideas and perspectives, and especially welcomes applications from First Nations, Métis and Inuit peoples, members of racialized communities (“visible minorities”), persons with disabilities, women, and persons who identify as 2SLGBTQ+.

We invite all applicants to complete a brief Diversity Survey as part of the application process. It takes approximately two minutes to complete. All questions are voluntary, with an option to decline to answer. All information collected is confidential and will be used to support efforts to broaden the diversity of the applicant pool and to promote a fair, equitable and inclusive talent acquisition process. Inquiries about the Diversity Survey may be directed to hr.empequity@mcmaster.ca.

Job applicants requiring accommodation to participate in the hiring process should contact the Office of the Dean of Engineering at 905-525-9140 ext. 24900 to communicate accommodation needs.

How to Apply:

Please submit the following materials through the University’s electronic portal: www.workingatmcmaster.ca/careers/ Job Opening # **44695** by May 22, 2022 to:

Dr. Hatem Zurob, Professor and Chair
Department of Materials Science & Engineering
McMaster University, JHE-357
Hamilton, ON Canada L8S 4L7

- letter of application demonstrating how the candidate meets the selection criteria outlined above and describing the impact that career interruptions may have had on research productivity
- curriculum vitae
- statement on teaching interests and philosophy (including evidence of teaching effectiveness)
- a description of how you will advance the University’s commitment to building an inclusive community and to fostering a culture which embraces and promotes the rich diversity of the campus community (activities may include diversity-related programming, committee work and/or mentoring women and/or other groups that have been historically marginalized or disadvantaged)
- the names and contact information of at least three referees (with postal and email addresses) who are established authorities in the field, who are not in a conflict of interest, and at least

one of the which is from a recognized international authority in the candidate's field who does not reside in the country in which the candidate is currently working

- In cases where the applicant is a Canadian Indigenous (First Nations, Inuit or Métis) researcher based in Canada, the name and contact information of an international referee is not required
- The Hiring Department will request letters of recommendation from referees during the later stages of the search process

Review of applications will continue until the position is filled. The effective date of appointment is negotiable, but July 1, 2022 is preferred. All applicants will receive an online confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews. Direct any inquiries about this position to samjohn@mcmaster.ca

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. To comply with the Government of Canada's reporting requirements, the University gathers information about applicants' status as either a permanent resident of Canada or Canadian citizens. Applicants need not identify their country of origin or current citizenship; however, all applications must include one of the following statements:

Yes, I am a citizen or permanent resident of Canada

No, I am not a citizen or permanent resident of Canada

The University is committed to providing and maintaining healthy and safe working and learning environments for all employees, students, volunteers, and visitors. In accordance with the University's [Vaccination Policy-COVID-19 Requirements for Employees and Students](#), effective October 18, 2021 all McMaster community members, including employees, accessing a McMaster campus or facility in person are required to be fully vaccinated or to have received an exemption from the University for a valid human rights ground. This is a term and condition of employment. The University will continue to follow the guidance of public health organizations to define fully vaccinated status.

Further information is available at the following link: <https://covid19.mcmaster.ca/vaccination-mandate/>. More information on the University's Health and Safety framework is available online at <https://hr.mcmaster.ca/resources/covid19/>. Questions regarding the above requirements or any accommodation requests through the recruitment process can be directed to hr.mcmaster@mcmaster.ca.