

Tenure-Track Faculty Position

McMaster University, Department of Mechanical Engineering

McMaster University is seeking an outstanding individual for a tenure-track position at the level of Assistant or Associate Professor in the Department of Mechanical Engineering.

With McMaster's strong commitment to building an inclusive faculty and staff dedicated to teaching and learning within a diverse environment, the Department of Mechanical Engineering welcomes applications from highly qualified candidates with skills and abilities that will contribute to the values of equity, diversity and inclusion in research, teaching and the workplace. Candidates are asked to describe how they 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.

McMaster University has a strong commitment to employment equity and encourages applications from First Nations, Metis and Inuit peoples, racialized persons, persons with disabilities and those who identify as women and/or LGBTQ+. We also appreciate that these identity positions do not occur in isolation from one another.

McMaster's large, attractive campus, the interior of which is open only to pedestrians and cyclists, is at the western end of Lake Ontario. The University is minutes from downtown Hamilton, a city rich in history and culture with a vibrant arts community. Nearby recreational and conservation attractions include Cootes Paradise, the Bruce Trail, the Niagara Escarpment, the Waterfront Trail, and the Royal Botanical Gardens. Surrounded by spectacular nature and unique neighbourhoods, Hamilton is ideally located halfway between Toronto and Niagara Falls.

The Faculty of Engineering at McMaster University has a reputation for innovative programs, cutting-edge research, leading faculty, and aspiring students. It has earned a strong reputation as a centre for academic excellence and innovation. The Faculty has over 180 faculty members, along with approximately 4,500 undergraduate and 1,000 graduate students. The Faculty of Engineering promotes a nurturing and inclusive environment where supportive resources are made accessible to assist with on-boarding and opportunities are made available for continuous personal and professional growth.

The Department of Mechanical Engineering is one of the top departments for Mechanical Engineering in Canada. We have 26 faculty members with expertise in mechanics & design, manufacturing, thermofluid sciences, and biomedical engineering. The department mentors over 500 undergraduate students and approximately 120 graduate students.

This tenure-track appointment will be at the level of Assistant or Associate Professor and will commence July 1, 2017 or as soon as possible thereafter. Applicants will hold a doctorate in Mechanical Engineering or a related branch of engineering. Applicants must demonstrate a successful record of research. The recruited individual will teach both undergraduate and graduate level courses. They will also be expected to establish a strong externally funded research program, supervise graduate students, and foster existing or new collaborations with other departments and faculties. Evidence of leadership skills, excellence in service, and a demonstrated ability to work effectively with individuals from diverse communities and cultures is also required. Candidates from all areas of research will be considered, however, preference will be given to those candidates whose research aligns with the department's strategic focus in biomedical engineering, energy systems, automotive, or digital manufacturing systems. Registration as a Professional Engineer of Ontario, or eligibility to acquire registration in Canada, is an essential qualification.

Applicants should submit a letter of interest, curriculum vitae, a research dossier that includes a statement of research interests and plans and a selection of research publications, a teaching dossier that includes a teaching philosophy and evidence of teaching experience and effectiveness and the names of at least four references that speak to academic and research performance (with postal and email addresses).

Complete applications must be made online at www.workingatmcmaster.ca/careers (Faculty Postings, Job # 12980) to the attention of:

Dr. Marilyn Lightstone, Professor & Chair Department of Mechanical Engineering McMaster University, JHE 310 Hamilton, ON Canada L8S 4L7

Complete applications that are received by April 15, 2017 will receive full consideration. Review of applications will continue until the position is filled. The effective date of appointment is negotiable but July 1, 2017 is preferred. All applicants will receive an on-line confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews.

All qualified candidates are encouraged to apply; however, Canadian and Permanent Residents will be given priority. If you require any form of accommodation throughout the recruitment and selection procedure, please contact the Human Resources Service Centre at 905-525-9140 ext. 22247.

To comply with the Government of Canada's reporting requirements, the University is obliged to gather information about applicants' status as either Permanent Residents 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