

Tenure Track Position in Mechanical Engineering

Located in downtown Toronto, the largest and most culturally diverse city in Canada and on the territory of the *Anishinaabeg, Haudenosaunee and the Wendat Peoples*, the [Department of Mechanical, Industrial, and Mechatronics Engineering \(MIME\)](#) in the [Faculty of Engineering & Architectural Science](#) at [Toronto Metropolitan University](#) (formerly Ryerson University) invites applications for a tenure track position at the rank of Assistant Professor in Mechanical Engineering focusing on Biomaterials effective July 1, 2024 subject to final budgetary approval.

The successful candidate will engage in a combination of teaching, scholarly research or creative activity, and service duties while maintaining an inclusive, equitable, and collegial work environment across all activities. Teaching duties will entail teaching and curriculum development at undergraduate and graduate levels and supervision of students. The successful candidate will further pursue a strong, innovative research program or creative activity that is externally funded and that produces cutting-edge, high-quality results.

Candidates must hold a doctoral degree in Mechanical Engineering, Materials Science and Engineering, Computational and Solid Mechanics, or a closely related field by the appointment date.

In addition, the successful candidate must present evidence of:

- a strong background in theoretical/computational/experimental biomaterials related to the search area;
- a strong emerging scholarly research and/or creative activity that is current, innovative, and impactful as evidenced by, but not limited to, peer-reviewed publications, working papers, public policy contributions, presentations at academic conferences, community and professional work, grants, research-related awards, and other writing or creative production that contributes to the visibility and prominence of the discipline;
- a relevant research area of interest that complements the research of existing biomaterials group, including, but not limited to, bio-inspired synthetic materials, tissue engineering, bioadhesives, biosensors, biological systems, mechanobiology, and regenerative medicine;
- potential for teaching excellence in biomaterials engineering courses at all levels of the undergraduate curriculum and suitability for teaching in the graduate program;
- eligibility to register as a professional engineer (P.Eng.) in the province of Ontario;
- a commitment to our values of Equity, Diversity, and Inclusion (EDI) as it pertains to service, teaching, and scholarly research or creative activities, including a demonstrated ability to make learning accessible and inclusive for a diverse student population; and
- service and volunteerism related to research, teaching, and/or EDI, and an ability and willingness to contribute to the life of the Department, Faculty, and the University through collegial service.

Postdoctoral and/or industrial experience is considered an asset.

Our committee recognizes that scholars have varying career paths, and career interruptions can be part of an excellent academic record. Candidates are encouraged to provide any relevant information about their experience and/or career interruptions.

This position falls under the jurisdiction of the Toronto Metropolitan University Faculty Association (TFA) (www.tfanet.ca). The TFA collective agreement can be viewed [here](#), and a summary of TFA benefits can be found [here](#).

Toronto Metropolitan University

Serving a highly diverse student population of over 45,000, with 100+ [undergraduate](#) and [graduate](#) programs built on the integration of theoretical and practical learning and distinguished by a professionally focused curriculum with a strong emphasis on excellence in teaching, research and creative activities, [Toronto Metropolitan University](#) is a vibrant, urban university known for its culture of innovation, entrepreneurship, community engagement and city-building through its award-winning architecture.

Department of Mechanical, Industrial, and Mechatronics Engineering

The Department has 38 faculty members and offers four-year accredited programs leading to Bachelor of Engineering (BEng) degrees in Mechanical Engineering, Industrial Engineering, and Mechatronics Engineering. The Department also offers graduate programs leading to a Doctor of Philosophy (PhD) degree, Master of Applied Science (MAsc) degree, and Master of Engineering (MEng) degree and is home to about 1300 undergraduate and 120 graduate students.

Working at Toronto Metropolitan University

At the intersection of mind and action, Toronto Metropolitan University is on a transformative path to become Canada's leading comprehensive innovation university. At Toronto Metropolitan University, we firmly believe that equity, diversity and inclusion are integral to this path; our current [academic plan](#) outlines each as core values and we work to embed them in all that we do.

Dedicated to a people first culture, Toronto Metropolitan University is proud to have been selected as one of Canada's Best Diversity Employers and Greater Toronto's Top Employer. We invite you to explore the range of [benefits](#) and supports available to faculty and their families, including access to our diverse [faculty and staff networks](#).

Visit us on Twitter: [@TorontoMet](#), [@TorontoMetHR](#), [@VPFATorontoMet](#) and [@ECITorontoMet](#) and our [LinkedIn company page](#).

Toronto Metropolitan University is committed to accessibility for persons with disabilities. To find out more about legal and policy obligations please visit the [accessibility](#) and [Human Rights](#) websites.

Toronto Metropolitan University welcomes those who have demonstrated a commitment to upholding the values of equity, diversity, and inclusion and will assist us to expand our capacity for diversity in the broadest sense. In addition, to correct the conditions of disadvantage in employment in Canada, we encourage applications from members of groups that have been historically disadvantaged and marginalized, including First Nations, Métis and Inuit peoples, Indigenous peoples of North America, Black-identified persons, other racialized persons, persons with disabilities, and those who identify as women and/or 2SLGBTQ+. Learn more about equity and community inclusion at TMU: <https://www.torontomu.ca/equity/>. **If you identify as being part of a historically disadvantaged or marginalized group and you would like the hiring committee to be aware of this, we encourage you to identify as such in your resume and/or cover letter.**

How to Apply

Applicants must submit their application online via the [Faculty Recruitment Portal](#) (click on "Start Application Process" to begin) by April 15, 2024. The application must contain the following:

- letter of application;
- curriculum vitae;
- three examples of materials produced to disseminate research, e.g., publications, conference presentations, etc.;
- research statement (maximum 3 pages);
- teaching statement (maximum 2 pages);
- sample of peer teaching evaluation, if any;

- diversity statement (maximum 1 page), i.e., evidence of commitment to EDI that demonstrates an understanding of EDI principles and evidence of application of those EDI principles (e.g., the applicant's past EDI roles, initiatives, accomplishments, and barriers experienced), or clearly defined plans of how EDI principles will be applied in service, research, and teaching; and
- names and contact information of three individuals who may be contacted for references.

Applicants are encouraged to provide details of relevant professional experience, community service, outreach, mentorship, research training and other non-traditional ways of knowing and outputs that would have allowed them to acquire transferable skills.

Please note that all qualified candidates are encouraged to apply; however, applications from Canadians and permanent residents will be given priority, in accordance with Canadian immigration regulations. **Candidates must therefore indicate in their application if they are a permanent resident or citizen of Canada.**

Contacts

Any confidential inquiries about the opportunity can be directed to the DHC Chair, Dr. Sharareh Taghipour at sharareh@torontomu.ca.

Indigenous candidates who would like to learn more about working at Toronto Metropolitan University are welcome to contact Tracey King, Miigis Kwe, the Indigenous Human Resources Lead and the Founding Co-Chair of the First Nations, Métis and Inuit Community Group at t26king@torontomu.ca.

Black identified candidates who wish to learn more about working at Toronto Metropolitan University are welcome to contact Shurla Charles-Forbes, [Black Faculty & Staff Community Network](#) at shurla.charlesforbes@torontomu.ca.

For any confidential accommodation needs in order to participate in the recruitment and selection process, please contact Laurie Shemavonian, HR Advisor at laurie.shemavonian@torontomu.ca.