

Tenure Track Position in Physics

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 Physics in the Faculty of Science at [Toronto Metropolitan University](http://www.torontomu.ca) [www.torontomu.ca] invites applications for a tenure track position at the rank of Assistant Professor, effective July 1, 2025, subject to final budgetary approval. The focus of this search is in the fields of Radiation Oncology Physics, Radiation Physics and related areas including applications of Imaging and AI to Radiation Therapy. The successful candidates must possess an earned doctorate in Medical Physics, Physics or a related field, preferably with clinical or research experience in Radiation Therapy and demonstrated excellence in research and teaching.

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.

The Department of Physics

The [Department of Physics](http://www.torontomu.ca/physics) [http://www.torontomu.ca/physics] offers an undergraduate degree in Medical Physics and master's and doctoral degrees in Physics in the fields of Biomedical Physics, CAMPEP Medical Physics and Complex Systems. The Department has at present 19 full-time faculty members, 6 post-doctoral fellows, 63 graduate students, and 9 staff members. The Department has a core group of scientists who have secured substantial external peer-reviewed funding for cutting-edge research in Medical Physics, Biomedical Physics and Complex Systems. Our faculty members collaborate extensively with the surrounding biomedical community in what the City of Toronto has designated as the Discovery District, home to 7 world-renowned hospitals and more than 30 specialized medical and related sciences centers. The University holds inter-institutional agreements with Sunnybrook and St. Michael's hospitals that provide access to clinical and research radiation therapy and imaging facilities.

Qualifications

Candidates must hold a Ph.D. in Medical Physics, Physics, or a closely related field. In addition, the successful candidate must present evidence of or potential for:

- Strong and emerging scholarly research that is active, innovative and impactful. This can be evidenced by achievements such as peer reviewed publications, book chapters, presentations at significant conferences, awards and accolades;
- Excellence in teaching through any combination of: a statement of teaching philosophy, a list of teaching accomplishments, including experience with course/curriculum review/development, sample syllabi and teaching evaluations if available;
- Strong communication and expository skills and the ability to supervise undergraduate and graduate students;
- The names and email contact information of three recognized referees;
- Commitment to our values of Equity, Diversity, and Inclusion 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
- An ability to collaborate with groups in our Department with vast expertise in Imaging and Radiation Physics as well as to contribute to the life of the Department, Faculty and the University through collegial service.

Our committee recognizes that scholars have varying career paths and that 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 Faculty Association (TFA) [www.rfanet.ca]. Visit us at www.torontomu.ca/faculty-affairs to view the [TFA collective agreement](#) and a [summary of TFA benefits](https://www.torontomu.ca/human-resources/tfa-full-time-ltf/) [<https://www.torontomu.ca/human-resources/tfa-full-time-ltf/>].

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 focussed curriculum with a strong emphasis on excellence in teaching, research and creative activities, [TMU](#) is a vibrant, urban university known for its culture of innovation, entrepreneurship, community engagement and city-building through its award-winning architecture.

How to Apply

Applicants should submit their application by January 15, 2024, online via the [Faculty Recruitment Portal](#) by selecting, “*Start Application Process*”. Review of applications begins on January 16, 2024. Although applications will be accepted until the position is filled, only those received by the review date will be guaranteed full consideration. Applications should include the following:

- a letter of application;
- a curriculum vitae;
- a detailed research plan of no more than 5 pages;
- a teaching dossier including a statement of teaching philosophy, a summary of your experience and a discussion on how you intend to engage, encourage, and develop the learning capacity of students entering higher education from a diverse array of backgrounds, and how you embed practices and principles of equity, diversity and inclusion in your classroom, your assignments, and your classroom style;
- the names and email contact information of **three academic or clinical referees**.

Working at Toronto Metropolitan University

At the intersection of mind and action, TMU is on a transformative path to become Canada’s leading comprehensive innovation university. At TMU, 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.

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, Metis and Inuit peoples, Indigenous peoples of North America, racialized persons, persons with disabilities, and those who identify as women and/or 2SLGBTQ+. TMU is committed to both anti-ableism and accessibility for disabled persons. To find out more about legal and policy obligations please visit the [Accessibility](#) and [Human Rights](#) websites.

Dedicated to a people first culture, TMU is proud to rank number one on the [Forbes list](#) of Canada's Best Diversity Employers and a Greater Toronto Top Employer.

We invite you to explore the range of [benefits and supports](#) available to faculty, including access to our diverse [faculty and staff networks](#).

Visit us on Twitter: [@torontomet](#), [@VPFAtorontomet](#) and [@TorontoMetHR](#), and our [LinkedIn page](#).

TMU 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.

Contacts

Any confidential inquiries about the opportunity can be directed to the DHC Chair Pedro Goldman at goldman@torontomu.ca.

Candidates who belong to one or more of the equity-deserving groups recognized at TMU are welcome to connect with Ahmed Ahmed [a.ahmed@torontomu.ca], Interim Executive Director, [Office of the Vice-President, Equity and Community Inclusion](#) [www.torontomu.ca/equity].

For any confidential accommodation needs in order to participate in the recruitment and selection process and/or inquiries regarding accessing the Faculty Recruitment Portal, please contact vpfa@torontomu.ca.