L'Université de Montréal et de votre carrière.

Deeply rooted in Montreal and dedicated to its international mission, Université de Montréal is one of Canada's Top 100 Employers. Like the city whose name it bears, it is effervescent and multicultural.

UdeM attracts over $500 million in research funding every year, making it one of the top three university research hubs in Canada. It also ranks among the top 100 universities worldwide and among the five best French language universities.

Through the achievements of the members of its community, UdeM participates in building today's and tomorrow's world.

Assistant Professor in radiotherapy physics and artificial intelligence

Department of Physics

Faculty of Arts and Sciences

Job description

The Department of Physics invites applications for the full-time, tenure-track position of Assistant Professor in radiotherapy physics and artificial intelligence.

Responsibilities

The appointed candidate will be expected to teach undergraduate and graduate courses, supervise graduate students, be active in research, publishing, and the diffusion of knowledge, and contribute to the activities of the University.

Requirements

- » A Ph. D in physics or a related field;
- » A solid record of research achievements;
- » A demonstrated ability to provide high quality university teaching;
- » A significant experience in radiation oncology and adaptive radiotherapy;
- » Relevant skills and experience in artificial intelligence;
- » A clinical certification in radiotherapy by the Canadian College of Physics Medicine or the equivalent would be an asset;
- » The appointed candidate will be expected to pursue a vigorous research program in radiotherapy physics and artificial intelligence; all fields of medical physics will be considered; however, priority will be given to candidates with research interests in the fields of adaptive radiotherapy, image-guided radiotherapy, dynamic X-ray imaging, and artificial intelligence;
- » An adequate knowledge of the French written and spoken language **or** a strong commitment to mastering the proficiency level required, in accordance to Université de Montréal's Language Policy. An institutional learning support program is offered to all professors wishing to learn French or improve their communication skills.

How to submit your application

The application file should contain the following documents:

- » A cover letter;
- » Application must include in the cover letter one of the following statements: "I am a citizen/ permanent resident of Canada." or "I am not a citizen or permanent resident of Canada."
- » Your curriculum vitae;
- » Recent publications or research papers;
- » Your teaching philosophy (maximum one page);
- » A presentation of your research program (maximum two pages);
- » Three letters of recommendation are also to be sent directly to the department chair by the referees.

Application file and letters of recommendation must be sent **by email before October 11th 2022** to:

Mrs Nicole St-Louis, Chair
c/o Diane Choinière
diane.choiniere@umontreal.ca
Website: www.phys.umontreal.ca

Additional information about the position

Reference number	FAS 09-22/13
Application deadline	Until October, 11th 2022, inclusively
Salary	Université de Montréal offers competitive salaries and a full range of benefits
Starting date	As soon as possible

Université de Montréal is strongly committed to fostering diversity and inclusion. Through its Equal Access Employment Program (EAEP), UdeM invites applications from women, Aboriginal people, visible and ethnic minorities, as well as persons with disabilities. We will –confidentially – adapt our recruitment mechanisms to the specific needs of people with disabilities who request it.

UdeM embraces a broad and inclusive definition of diversity that goes beyond applicable laws, and therefore encourages all qualified individuals to apply, regardless of their characteristics. However, in accordance with Canadian immigration requirements, priority will be given to Canadians and permanent residents.

*In order to measure the impact of its equity, diversity and inclusion actions, UdeM is collecting data on applicants identifying themselves with one of the groups targeted by the Equal Employment Opportunity Act, namely women, Aboriginal people, visible minorities, ethnic minorities and people with limitations. To this end, we thank you for completing this self-identification questionnaire. The information you provide through this form is **strictly confidential** and will be shared only with those responsible for the UdeM EAEP. If you wish, you may also indicate that you belong to one of the targeted groups in your cover letter, which will be reviewed by the selection committee and the assembly of peers.*

Université de Montréal's application process allows all members of the Professor's Assembly to review the application files submitted. If you wish to keep your application confidential until the shortlist is established, please mention it in your application.