Assistant/Associate Professor in Artificial Intelligence (AI) Applied to Digital Health

Department of Stomatology, Faculty of Dental Medicine

In partnership with the Centre intégré universitaire de santé et de services sociaux (CIUSSS) du Nord-de-l'Île-de-Montréal Research Center

The digital health sector is attracting growing interest. It is a major stake at Université de Montréal and, within it, Artificial Intelligence (AI) is called upon to play a prominent role.

Montreal has a powerful scientific network in the field of Artificial Intelligence (AI) thanks to the largest university community in deep learning in the world within Mila, the Quebec Artificial Intelligence Institute.Three units are active within the Université de Montréal, the world hub of AI: Mila, IVADO and the Digital Health Consortium, which brings together the various faculties, institutions and research centers affiliated with Université de Montréal, and inspires the innovation and the effervesness of AI for the benefit of all. Université de Montréal also trains future AI specialists through educational programs at all levels and through continuing education.

Université de Montréal's Innovation Laboratory aims to stimulate major unifying interdisciplinary projects in response to challenges facing today's society. Among its 4 major themes is "from data to action in health". This project, in conjunction with the Institute for Data Valorization (IVADO) and the Digital Health Consortium, aims to apply data in the field of health. **This recruitment is par of the intiative aiming to refine diagnosic procedures, prognostication and improvement of patient care.**

The Faculty of Dental Medicine, Université de Montréal, in partnership with the CIUSSS du Nord-de-l'Île-de-Montréal (CIUSSS-NÎM) Research Center, is looking for a professor at the rank of assistant/associate with expertise in AI for applications to medical situations in the craniofacial sphere. The person recruited will hold a philanthropic Research Chair funded by the Hôpital du Sacré-Coeur-de-Montréal Foundation. The position leads to tenure.

The recruited person will have the opportunity to develop collaborative projects with researchers and clinical science professors from the Faculty of Dental Medicine, the CIUSSS-NÎM Research Center and other partner organizations, including the CHUM, the CHU Sainte-Justine, Mila and IVADO, in order to develop a common vision regarding the application of AI in healthcare. They will be equipped with all the infrastructure, material and technological needs, and the required supervision to update their career.

As a professor, you will have the opportunity to contribute to the excellence of the Department of Stomatology, Faculty of Dental Medicine…

…through your teaching and your research activities. You will also ensure the visibility of your discipline in addition to actively participate in the operation of a renowned institution. As such, you will :

> Contribute to the 4 aspects of academic life: teaching at all cycles and research, as well as the functioning of the institution and the university's influence;
> Develop an independent and innovative research program of international scope in the application of AI in health.

To succeed in your role, you'll need:

> A Doctorate (PhD.) or equivalent degree in a relevant field;
> Recognized experience in the field of AI with medical applications;
> 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 you application:

We invite you to submit a letter outlining your interests and career goals, your resume, and three letters of recommendation, sent directly from professors or supervisors to :

All documents must be sent by email, in PDF format, to:

Dr. Antonio Nanci
Chairman of the selection committee
Professor and Vice-Dean for Research
Department of Stomatology
email: antonio.nanci@umontreal.ca

We strongly recommend that you complete this self-identification questionnaire. You will find more information about this step in the Diversity and Inclusion section at the end of this document.

Additional information about the position

Reference number	FMD 04-23/4_2
Application deadline	Until March 2, 2024
	The application process will continue after this date until the position is filled
Salary	Université de Montréal offers competitive salaries and a full range of benefits
Starting date	On or after September 1, 2024

DIVERSITY AND INCLUSION

Université de Montréal is strongly committed to fostering [diversity and inclusion](#). Through its *Equal Access Employment Program (EAEP)*, UdeM invites applications from women, Indigenous Peoples, 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, Indigenous Peoples, visible minorities, ethnic minorities and people with limitations. To this end, we thank you for completing the 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.