



Become an Assistant Professor of artificial intelligence

Université de Montréal's [Faculty of Dentistry](#) is committed to training new generations of dentists with the knowledge and skills needed to succeed in dentistry. It actively participates in advancing oral health research through a collaborative and interdisciplinary approach. Its staff and students benefit from a vibrant work/learning environment that fosters innovation, social engagement and a global perspective on health.

The [Department of stomatology](#) of Université de Montréal's Faculty of Dentistry is recognized for its excellence in training, research, and innovation in the field of oral health. It stands out for its interdisciplinary collaborations among researchers from various disciplines.

In collaboration with several renowned research centers (e.g., [CHUM](#), [CHU Sainte-Justine](#), [Mila](#), [IVADO](#), [CRIUGM](#)), the recruited individual will play a central role in the development and integration of artificial intelligence (AI) technologies in craniofacial health, as well as in any field that can improve treatments and advance research in oral health. These fields include, but are not limited to, the use of artificial intelligence for image analysis, refinement of diagnostics, optimization of prognostics, surface design, new materials or active molecules, and digital dentistry.

Day-to-day responsibilities

Through your undergraduate and graduate-level teaching, and your research activities, you will contribute to the faculty's pursuit of excellence. Furthermore, you will promote your discipline and actively participate in the daily activities of a renowned institution. As such, you will:

- Develop an innovative and internationally competitive research program in AI applied to oral health;
- Develop collaborative projects with the research community in fundamental and clinical sciences within the Faculty of Dentistry and other partner organizations;
- Contribute to the supervision and teaching of undergraduate and graduate students;
- Promote your discipline and advance the research excellence of the Department and the Faculty, for example by publishing in high-impact journals;
- Actively contribute to institutional activities and visibility, notably by serving on faculty committees and taking responsibility for academic programs or faculty projects.

Qualifications

- Hold a Ph.D. or an equivalent degree in a relevant field;
- Demonstrate proven experience in AI applied to dentistry or medicine;
- Have expertise in image analysis, 3D modeling, integration of technologies in clinical research, or AI-based diagnostic tools;
- Demonstrate the ability to provide high-quality university-level teaching;
- Demonstrate potential to develop internal, national, and international collaborations;
- Demonstrate potential to supervise graduate students;
- Have the ability to work as part of a team in an interdisciplinary context and in complementarity with the faculty members;
- Have adequate proficiency of the French language **or** be committed to learning it once hired, through the Université de Montréal's French language support program, in accordance with the [Université de Montréal language policy](#).

Additional information about the position

- Competitive salary and a comprehensive range of benefits;
- Expected start date: June 1st, 2026;
- Located at the Montreal campus.

How to submit your application

The application file presented must include the following documents, to be submitted before April 15, 2026:

- A cover letter;
- A curriculum vitae;
- Copies of, or links to, three recent publications or research papers;
- A statement outlining your teaching and mentoring experience and approach;
- A research program proposal;
- Three letters of recommendation submitted directly by the referees to the department.

Contact information

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We encourage you to complete the [self-identification questionnaire](#). More information is available in the *Equity, Diversity and Inclusion* section at the end of this document.

As per UdeM's appointment procedures, members of the Assembly of Professors may consult all submitted application files. If you wish your application to remain confidential until the shortlist is established, please mention it in your application.

HEALTH & FINANCIAL BENEFITS

- Medical, paramedical, dental and travel insurance
- Employee and Family Assistance Program along with an Institutional Health and Wellness Program
- Defined benefit pension plan with indexed pension payments upon retirement (rrum.umontreal.ca)
- Life insurance and disability income insurance

WORK-LIFE BALANCE

- Up to two years of parental leave
- Reduced workload upon return from parental leave, until the child turns two
- Two on-campus childcare centres
- Summer camps and spring break camps at UdeM's Sports and Fitness Centre
- Compassionate leave

PROFESSIONAL DEVELOPMENT

- Research and study leave
- Research start-up funding
- French language training program
- University-level teaching skills development activities
- Professional development and sabbatical leave allowance program
- Tuition waiver program for you, your spouse, and dependent children

DIVERSITY AND INCLUSION

Université de Montréal places the [values of diversity, equity and inclusion](#) at the heart of all its missions. Through its Equal Access to Employment Program, Université de Montréal invites women, Indigenous peoples, visible minorities, ethnic minorities, and people with disabilities to self-identify and apply. During the recruitment process, our selection tools will – confidentially - be adapted to meet the needs of individuals with limitations who request accommodation.

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

Completing the self-identification questionnaire is a voluntary process aimed at supporting a diverse and inclusive working and learning environment.

The personal information you provide through the questionnaire is valuable - it helps us improve our practices and comply with applicable legislation.

All personal information is confidential. You can rest assured that it will be collected and used in accordance with federal and provincial laws, will never be disclosed without your consent, and will not affect your hiring or career progression at Université de Montréal.