

ACTION PLAN 2022-2027

RESEARCH, DISCOVERY, CREATION AND INNOVATION

Support the teams of UdeM to enable the passion for research, creation, and innovation, which stirs our research community, to understand, imagine, and build a better and sustainable world.

Research excellence at Université de Montréal

Research is at the heart of the mission of the Université de Montréal (UdeM). Thanks to its exceptional disciplinary diversity – with 13 faculties and schools, 465 research units and vast network of affiliated health centres – research at the UdeM directly contributes to training, knowledge advancement, and the development of the local, national, and international research communities.



Objectives

With the [Research, Discovery, Creation and Innovation Action Plan 2022-27](#), the UdeM is committed to actively supporting excellent, collaborative, innovative, diverse and forward-thinking research to enhance the leadership of its research community. The UdeM provides a unique and vibrant ecosystem of research, innovation, and creation with collaborations of unparalleled richness. The engagement of all members of our research teams, professors, students, and professionals, as well as of numerous partners, is a major asset for the creation of new knowledge, open to the world.

10 AREAS OF EXCELLENCE

Areas of excellence at the UdeM host a critical mass of talent and research activities of outstanding calibre and impact. These areas form a solid foundation on which we will continue to build trail-blazing initiatives responding in an original, rigorous, and impactful way to major scientific and societal challenges.

- Bio-innovation and Digital Health
- Brain, Mind, Perception
- Creation, Culture, and Imaginaries
- Environment, Biodiversity, and Society
- Fundamental Explorations of Reality
- Digital, Human and Artificial Intelligence
- Innovative Materials and Processes
- Social Relations, Democracy, and Responsibility
- Acquisition and Transmission of Knowledge
- One Health

STRATEGIES AND TRANSVERSAL MECHANISMS

To efficiently support its research community and consolidate its areas of excellence, the UdeM has identified **three priorities**:

- Support collaboration
- Promote responsibility in research
- Maximize impact

These priorities revolve around

- **14 strategies** complementing one another, including:
 - Foster training to research, and by research, for all students at undergraduate and graduate levels
 - Promote open science
 - Provide an exemplary environment in terms of equity, diversity, and inclusion
 - Encourage research by, for, and with First Nations, in keeping with the principles of collaboration, reciprocity, and collective enrichment of perspectives
 - Favor the sustainable development of research activities
- **5 mechanisms** :
 - Deployment of a Digital Strategy
 - Modernisation of Services for the Research Community
 - Reinforcement of Research Infrastructures
 - Support to Knowledge Mobilization
 - Development of transdisciplinary projects, via the Innovation Laboratory

DIVERSIFY EXCELLENCE

Over the next few years, UdeM plans to award Chairs in all of our 10 areas of excellence, while respecting the processes currently in place, which aim to ensure diversified recruitment, according to the principles developed in 2017 in our Equity, Diversity and Inclusion in Research action plan « [Diversify Excellence](#) ».

This action plan was developed by UdeM's Vice-Rectorate for Research, Discovery, Creation and Innovation following numerous consultations with the research community; it is aligned with UdeM's Institutional Strategic Plan 2022-2032. This action plan was approved by the UdeM Executive Committee in 2022 and has been submitted to the University Council.