



The University
of Montreal
today

Making
change
happen

umontreal



Find out more about the University of Montreal today:
<https://youtu.be/Wsz6X7m1rrc>

Looking to the future

Two years of the COVID-19 pandemic have not diminished the University of Montreal's determination to help advance all fields of knowledge, provide the best possible education and meet the needs of an increasingly complex world. On the contrary: UdeM has embraced new ambitions for the coming years and brought in major partners to help achieve them.

The Institut Courtois at the MIL campus

Unlocking the secrets of matter

In a strong show of confidence in UdeM, the Fondation Courtois donated \$159M to create a pioneering research centre at the Complexe des sciences on the MIL campus. It is the largest donation ever in Canada for basic science research.

At the Institut Courtois, researchers and students will apply the latest advances in artificial intelligence to deepen our knowledge of matter and invent new materials that can accelerate the energy transition, the digital revolution and innovation in enterprise. The Institute will also provide high-calibre training for the scientists of the future.



Find out more about the Institut Courtois:
<https://institut-courtois.umontreal.ca/en/>

Millénium Québecor program

Cultivating entrepreneurial spirit on campus

By positioning itself at the cutting edge of fields such as artificial intelligence, cybersecurity, drug discovery, animal health and sustainable development, UdeM has created a fertile environment for the emergence of a new generation of entrepreneurs. Québecor and the Fondation Chopin-Péladeau took note and donated \$40M to establish an entrepreneurship training, awareness and support program within the university community and to build the Pavillon Pierre-Péladeau to house the program.

The Millénium Québecor program will make it possible for students to turn their dreams into reality on campus and start their own businesses.



millénium
Québecor

Find out more about the Millénium Québecor program:
<https://www.umontreal.ca/millennium/>

Everything students need to succeed

The University of the future is taking shape around its students. Regardless of their goals or fields of interest, they will find at UdeM everything they need to grow and contribute to the world of the future.

Freedom of expression

UdeM has taken a strong stand on freedom of expression and adopted guiding principles that grew out of a broad consultation with the university community and reflection by a committee of students, faculty and staff. The University also condemns all hate speech and provides appropriate support to anyone who reports an incident.

Find out more about freedom of expression at UdeM

https://www.umontreal.ca/public/www/images/missiondirecteur/liberte-expression_ENG-18aout2021.pdf

No word, concept, image or work can be categorically excluded from debate and critical examination in the course of university teaching and research.

– Excerpt from the statement of principles on freedom of expression at UdeM, unanimously approved by the University Assembly on June 14, 2021.

Sense of responsibility

The master's degree in Environment and Sustainable Development educates future leaders in the fight against climate change, such as **Dr. Claudel Pétrin-Desrosiers**, the President of the Quebec Association of Physicians for the Environment. She is also responsible for planetary health at the Department of Family Medicine and Emergency Medicine in the Faculty of Medicine. In 2021, she was selected by WXN for its "Top 100: Canada's Most Powerful Women" list and received the RBC Future Launch Future Leaders Award.

Find out what motivates her

<https://www.youtube.com/watch?v=Hz9-bYmZCXo>



Openness to the world

Starting in the fall of 2022, undergraduate students at UdeM will be able to explore a new type of university experience. Customized, optional courses of study will include internships in the community, stays abroad or participation in a research-creation project to enrich the student's studies and open new horizons. This is only one of the new approaches that will distinguish UdeM's programs in the coming years.

Discover the RECI experience

<https://www.umontreal.ca/reci/>



Creativity

This is Toboom, created by industrial design students **Bénédicte Laurent** and **Martin Gonzalez Godoy**. Winner of the 2021 North American FORM Student Innovation Competition, Toboom is a multifunctional piece of children's furniture for the working-from-home age. Laurent and Gonzalez Godoy had the honour of presenting their creation at NeoCon 2021 in Chicago, the furniture industry's largest trade show.

To learn more

<https://nouvelles.umontreal.ca/article/2021/06/30/deux-etudiants-de-l-udem-Àobtiennent-la-premiere-place-au-concours-form-2021/>



The best tools for learning

The James Webb Space Telescope, in orbit 1.5 million kilometres from the Earth, is one of the most complex machines ever made. Because her thesis supervisor **René Doyon** was involved in designing the telescope, Ph.D. candidate **Olivia Lim** will have the opportunity to point the instrument at her object of study: the Trappist-1 system located 39.5 light-years from Earth, which contains planets similar in size to our own. She will search for signs of life, such as the presence of water.



Watch At the Heart
of the Webb Mission

<https://www.youtube.com/watch?v=Nrhs824N530>

Caring for ourselves and others

How have young adults kept their mental balance during the public health crisis? Two doctoral students in Psychoeducation, **Rocio Macabena Perez** and **Guillaume Descary**, and a master's student in industrial relations, **Joëlle Cossette**, explored the issue in a video, in response to a call for projects from the Fonds de recherche du Québec and the Chief Scientist of Quebec. The video shares strategies for maintaining mental health in these unprecedented times.

Watch - *Les jeunes adultes en pandémie : une question d'équilibre.*
https://www.youtube.com/watch?v=bC8eNqk_HC8



Diversity

Indigenous people add to the collective strength of the UdeM community by raising our awareness of facts that are too little known and knowledge that has been too long neglected. For the past three years, the Indigenous Student Achievements Ceremony has celebrated the motivation, perseverance, commitment and success of students whose paths have been strewn with challenges. The moving ceremony is also an opportunity to meet the philanthropists who endowed the seven scholarships awarded at the event.



Find out about the story of student **Daphne-Anne Olepika Takpanie Kiguktak**, who has reconnected with her Inuit roots.

<https://nouvelles.umontreal.ca/article/2021/06/02/une-etudiante-decouvre-ses-racines-inuites/>

Aiming high

After a season of empty gyms, deserted arenas, living-room practices and virtual locker room meetings, the Carabins were back in action in the fall of 2021. And they were fired up! The football team defeated the Rouge et Or and won the Dunsmore Cup. The Bleues won the Quebec women's soccer final. And the men's soccer team were the Canadian champions. Allez les Bleus!

Carabins' training during the pandemic

https://www.youtube.com/watch?v=-V_IXSt-tPA



Polishing our French

It's *The Voice* of public speaking in Quebec: *Délie ta langue!* is an oratorical contest in which candidates take customized training to help them prepare an oral presentation on a French expression. The competition organized by UdeM has grown over the years and now includes contestants from five Quebec universities.

Find out more about Francization at UdeM

<https://nouvelles.umontreal.ca/series/serie/la-francisation-a-l-udem/>



Watch 2021 winner
Léo Coupal-Lafleur's speech

<https://www.youtube.com/watch?v=hb8F7to6fw4>

Sound advice

Three wise women came to the mountain in 2022. These distinguished figures are now active participants in campus life and mentors to the UdeM community. Poet **Josephine Bacon** is advising the University on relations with Indigenous communities. Curator **Nathalie Bondil** is leading a project to raise awareness of the benefits of visual arts in the health care community. And writer **Kim Thúy** is hosting a podcast in which she brings together professors from different disciplines.

To learn more

<https://www.umontreal.ca/sages/>



Reinventing ourselves

In 2021, the UdeM community was asked to imagine the University of the future and define priorities for the coming years. After a consultation in which more than 7,000 people took part, we made it our goal to become, within 10 years, the most influential French-speaking university in the world, recognized for our innovative teaching, the leadership of our people and the engaged, responsible nature of our projects.

Find out more about UdeM's strategic plan

<https://www.umontreal.ca/en/tomorrow/>



We will spare no effort to make the University of Montreal a unique space where the human potential that resides in our student body can unfold, a standard-setter for educational quality and relevance. Our graduates will be recognizable by the influence they exert on the world around them.



-Excerpt from Rector Daniel Jutras' statement to the University community, November 1, 2021

No problems, only solutions

What drives the UdeM community? First and foremost, an ideal: harnessing knowledge for the common good. And a determination to step up when society calls. And finally our pledge to apply our expertise to find solutions for Quebec and the world.

Addressing labour shortages

To help alleviate the teacher shortage in the schools, the Faculty of Education created a fast track for bachelor's degree holders who want to make a career change and become teachers. Since the fall of 2021, it has been offering a qualifying master's degree in preschool and elementary education, the first of its kind in Quebec.

For its part, the Faculty of Nursing is helping to develop a gateway to accelerate the training of candidates interested in the profession who already have university-level prerequisites.

Beginning in the summer 2023 session, they will be able to complete their studies more quickly and join the nursing workforce.

A qualifying track in data science for the life sciences has also been created for newcomers to Quebec with international degrees. The two-year pilot project will support candidates until they enter the job market in high-demand fields such as biostatistics and bioinformatics.



Greater self-sufficiency in drug production



In March 2021, UdeM was mandated by the Quebec government to spearhead Médicament Québec, an organization dedicated to increasing Quebec's self-sufficiency in drug discovery and production by bringing together partners from the pharmaceutical industry and higher education.

practically any active ingredient used in the production of drugs and its Institute for Research in Immunology and Cancer is home to the largest academic drug discovery unit in Canada.

UdeM was a natural choice to lead this project: it has the expertise and technology to produce, on a small scale,



Shedding light on geopolitical issues

The Montreal Centre for International Studies at UdeM (CÉRIUM) has played a prominent role in knowledge dissemination in recent months. Its researchers have had a strong media presence as they helped explain the background to the war in Ukraine and the issues. The Centre posts the many talks it organizes on its YouTube channel and publishes two podcasts: *Arrêt sur le monde*, hosted by Frédéric Mérand, and *Sans escale*, in which journalist Laura-Julie Perreault and researcher Laurence Deschamps-Laporte discuss international issues.

CÉRIUM also bolsters the expertise of Quebec's diplomats by providing training at the Institut de la diplomatie du Québec, a government agency created in 2020.

Listen to CÉRIUM's podcasts
<https://cerium.umontreal.ca/medias/les-capsules-du-cerium/>



Healing for victims of violence

UdeM and the Panzi Foundation, founded by Nobel Peace Prize winner Denis Mukwege, are leading a \$20M project to assist victims of sexual violence in the Democratic Republic of the Congo's South Kivu province and Bujumbura, Burundi. Mukwege, a gynecologist, runs a hospital in South Kivu where he is known as "the man who fixes women" because of his support for victims of gang rape in wartime.

Under the six-year *Tuseme Kweli* ("telling the truth" in Swahili) project, the UdeM community will help build the expertise of Dr. Mukwege's team in areas such as health service management, access to care and legal services.



Opening doors

UdeM's Cap Campus program is designed to give young people who, for a variety of reasons, may perceive higher education as distant and inaccessible a desire to attend university. In 2020–2021, despite the pandemic, the Cap Campus team organized some 300 activities for more than 1,300 high school and CEGEP

students from disadvantaged or multi-ethnic backgrounds. They included talks by professors and students, twinnings with university students, networking events, and social media outreach.



New campus

To increase its offerings on the South Shore, UdeM is moving its Longueuil campus to Brossard. The new 3,500 m² space will occupy two floors of a building under construction at Solar Uniquartier, which will have a direct connection to the Du Quartier REM station.

Short programs focused on professional development, particularly in the high-demand areas of health, social services and languages, will be offered.



UdeM
is...

One of the top
100 universities
in the world

88th in the *Times Higher Education* ranking, which
rates more than 1,600 universities worldwide.

4th
for research in Canada

(according to Research Infosource)

One of the top **50** universities
for graduates' reputation
with international employers

47th on the *Times Higher Education* Global Employability 2021 list,
which ranks 250 universities.

One of Canada's top
 **100**
employers
according to Mediacorp

13,000
new graduates in 2021
who join a family

70,000
students
including **10,000**
from outside the country
and **5,500**
permanent residents,
making it one of Canada's most
international universities

of **450,000**
alumni
who are changing the world in every sphere

13
faculties and schools
that offer education in virtually every field
of knowledge

2,300
professors and researchers

2,600
lecturers

2,000
clinical professors

2
world-class teaching hospitals
CHUM and CHU Sainte-Justine

2
affiliated schools
HEC Montréal and Polytechnique Montréal

27
affiliated health and social
services institutions
and the largest selection of health care
training programs in the country

1
veterinary teaching hospital
CHUV in Saint-Hyacinthe

These figures include UdeM's affiliated schools, Polytechnique
Montréal and HEC Montréal.

The people of UdeM

The UdeM family is full of talented and inspirational people. Here are a few who made us proud in 2021.

Like the 2020 and 2021 graduating classes, who celebrated their success in December 2021 at the Palais des congrès de Montréal.



Author and alumna **Antonine Maillet** was elevated to the rank of Commandeur de la Légion d'honneur by French President Emmanuel Macron.



Criminology student **Lydie C. Belporo** was awarded one of the Pierre Elliott Trudeau Foundation's 15 doctoral scholarships.



Biochemist **Michel Bouvier** was awarded the Killam Prize for major scientific contributions in molecular pharmacology.



Undergraduate physics student **Charles Iorio-Duval** was awarded one of one hundred \$80,000 Schulich Leader Scholarships.



Gilles Brassard, a recognized pioneer in quantum computing, was elected an international member of the National Academy of Sciences in the United States.



Seven UdeM professors were among the scientists with the most peer citations in the world in 2021: **Etienne Laliberté** (Biological Sciences), **Vincent Larivière** (Information Sciences), **Pierre Legendre** (Biological Sciences), **Jean-Claude Moubarac** (Nutrition), **Fred Saad** (Medicine), **John Stagg** (Pharmacy) and **Mike Tyers** (Medicine).



Composer/conductor **Samy Moussa**, a UdeM graduate in instrumental composition, won the Juno Award for Classical Composition.



Three Prix du Québec were awarded to UdeM professors: the Prix Ernest-Cormier to **Gérard Beaudet** (Urban Planning), the Prix Léon-Gérin to **André Blais** (Political Science) and the Prix Gérard -Morisset to **Yvette Mollen** (Literatures and Languages of the World).



Author **Tristan Malavoy**, who graduated with a master's degree in Research-Creation, received the Prix littéraire France-Québec for his novel *L'Oeil de Jupiter*.



Vincent Chauvette, Khadidja Chougui, Frédéric Gagnon, Maude Lizaire and Caroline Piaulet received generous Vanier Scholarships, which are awarded to Canada's most talented doctoral students.



At the Forces Avenir gala, medical student **Wolf Thyma** was named personality of the year and doctoral student **Ariel Garand** was named most persevering personality. MONA, an app that showcases public art developed by student **Lena Krause's** team, was named project of the year.



The Ordre national du Québec promoted Professor Emeritus **Guy Rocher** (Sociology) to the rank of Grand Officier, Rector Emeritus **Guy Breton** and Professor **Renaldo Battista** (Medicine) to the rank of Officier, and decorated Professor Emeritus **Marcel Boyer** (Economics) and Professor Emerita **Louise Caouette-Laberge** (Medicine) with the insignia of Chevalier.



Professors **Frédéric Bouchard** (Philosophy), **Yves Brun** (Medicine), **Sylvana Côté** (Medicine), **Michel Janosz** (Continuing Education), **David London** (Physics), **Alain Noël** (Political Science), **Isabelle Raynauld** (Film Studies) and **Christopher E. Rudd** (Medicine) were inducted into the Royal Society of Canada. **Karim Jerbi** (Psychology), **Dahlia Kairy** (Rehabilitation) and **Isabelle Ouellet-Morin** (Criminology) became members of Royal Society's College of New Scholars, Artists and Scientists.

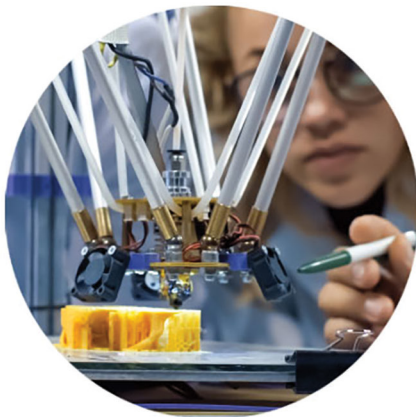
Distinctions

See all the distinctions received by the members of our community

<https://distinctions.umontreal.ca/accueil/>

Our major donors

A heartfelt thank you to our donors for their immense generosity!



\$175M

Fondation Courtois

\$159M for the Institut Courtois, which will provide a space where theoretical and experimental approaches to material properties research interface and accelerate the discovery of new materials.

\$10M for the Fonds Courtois to support biomedical research in the Faculty of Medicine.

\$6M for the Courtois Chair in Basic Research-III in the Faculty of Arts and Science.

\$40M

Quebecor and the Fondation Chopin-Péladeau

\$20M to set up the Millénium Québecor entrepreneurship awareness, training and support program.

\$20M for construction of the Pavillon Pierre-Péladeau on the MIL campus.

\$2.22M

Heart and Stroke Foundation

For the Heart and Stroke Foundation Scholarship Fund.

\$2M

Azrieli Foundation

For a piano-vocal art residency for rehearsal pianists and voice coaches. This project is a collaboration with McGill University.

\$1M

Molson Foundation

For the Veterinary Simulation and Virtual Reality Centre Fund at the Faculty of Veterinary Medicine.

\$1M

L. Conrad Pelletier

For the L. Conrad Pelletier Scholarships to fund further training and research in surgery.

Our honorary doctors of 2021

FIDE SPLENDET ET SCIENTIA



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Chair of the Boards of Directors
of Hydro-Québec, the CHU
Sainte-Justine Foundation
and Alloprof



Jean Fontaine

Founder and President of Jefe



Mitch Garber

Businessperson, Chair of the Boards
of Directors of Invest in Canada
and Cirque du Soleil



Pauline Marois
Premier of Quebec, 2012 to 2014



Linda L. Putnam
Professor Emerita of Communication
at the University of California



Donna Strickland
Nobel Prize in Physics 2018, professor
at the University of Waterloo

Management and governance

The 24 volunteers who sit on UdeM's board of directors and the members of the management team are firmly committed to the advancement of knowledge and the pursuit of the common good.

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de Montréal

The University of Montreal
and of the world.

Find out more:
umontreal.ca/en/rector

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