



RECTOR'S REPORT 2014



6,221,240,000,000,000

Hard-working neurons on campus

1st

FRENCH-SPEAKING WORLD'S BEST COMPREHENSIVE UNIVERSITY

according to the QS World
University Rankings

Université 
de Montréal



UNIVERSITÉ
DE GENÈVE

2

1

UCL

Université
catholique
de Louvain

3



83rd

**BEST OF ALL THE WORLD'S
UNIVERSITIES, ACCORDING TO THE
QS WORLD UNIVERSITY RANKINGS.**

**3rd GREATEST RESEARCH
UNIVERSITY IN CANADA**
according to Research Infosource

Université de Montréal
\$527.9 M

UBC
\$566.8 M

University of Toronto
\$1.11 G

McGill
\$465.2 M

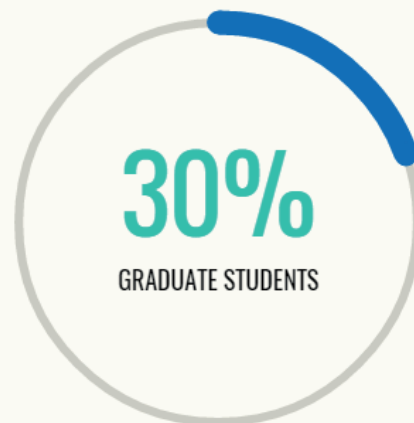
Research Income

66,097

STUDENTS ATTENDED UNIVERSITÉ DE MONTRÉAL

and its affiliated schools, HEC Montréal and École Polytechnique Montréal, forming Quebec's largest teaching and research campus.

Since 2000, the number of students has increased by more than 25%.





12,130 NEW GRADUATES.

They join Université de Montréal's 350,000 strong community of alumni, who represent all disciplines of study and all continents.



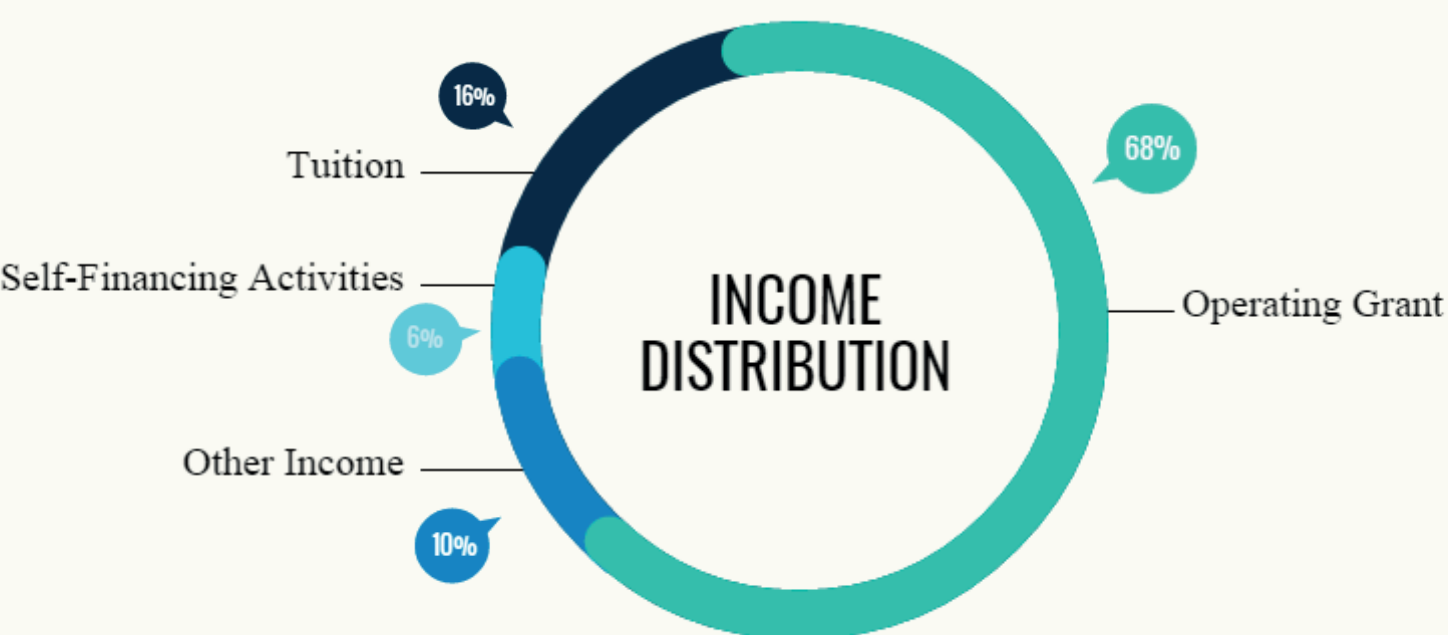
8,110 INTERNATIONAL STUDENTS.

One in ten students came from abroad, a result of Université de Montréal's openness to the world.

\$766.8 MILLION

UNIVERSITÉ DE MONTRÉAL'S

total operating revenues in 2013-2014.





19,124 INQUISITIVE MINDS

attended the Belles Soirées evenings, exploring topics ranging from Egyptian civilization to California wines, an increase of 19% from 2013.



99,400 MUSIC LOVERS

attended the Faculty of Music's concerts. Opera, jazz, chamber music, orchestral music, original compositions... all genres of music were featured.

INSPIRING

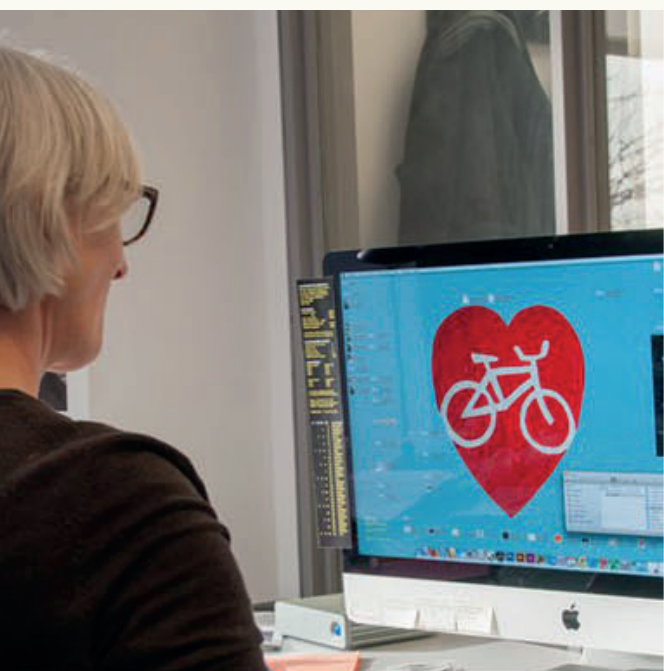


A DRUG MOLECULE CALLED UM

One of 2014's greatest health discoveries bears our university's initials. A new drug molecule called "UM171," synthesized here on our campus, could save lives around the world.

For leukemia patients, a lack of a suitable bone marrow transplant donor often means death. One available option is transplanting stem cells from umbilical cord blood, but an umbilical cord does not contain enough stem cells to treat an adult. The drug Dr. Sauvageau's team developed multiplies these life-saving cells by 17 – an international breakthrough that could revolutionize the treatment of other blood diseases such as myeloma and lymphoma.

Dr. Sauvageau was named 2014 Scientist of the Year by Radio-Canada, and Personality of the Year by La Presse in the Science category.



EMPLOYER OF CHOICE

Work-family balance, a handy sports centre, cultural activities, a daycare, various clinics, and public transportation... between the grandeur of our communal raison d'être - humanity's quest for knowledge - and the simple pleasure of the stunning sunsets sweeping down Mount Royal, there's no shortage of reasons why Université de Montréal is an enjoyable place to work. This fact was recognized by Mediacorp Canada, who included Université de Montréal in its list of Montreal's Top 30 employers for the second year in a row.

The University also stood out for its policies that support families, enable flexible work schedules, and facilitate employee career planning.



OUR MEDICAL PROGRAM IN THE MAURICIE REGION: 10 YEARS AND COUNTING !

This year's celebration of the 10th anniversary of our Mauricie campus was an opportunity to reflect on the progress achieved since the project was launched. In the early 2000s, the Mauricie region was facing a severe shortage of doctors, threatening the health of the people who live there. Université de Montréal's Faculty of Medicine suggested opening a campus to provide medical training in the region, from pre-med to residency – a bold initiative, since no other university in Canada at the time offered comprehensive medical training outside a major urban centre.

Today, the shortage of medical staff is a thing of the past. The region has 74 more specialists and 160 more family physicians than it did 10 years ago. Each year, our Mauricie campus welcomes 40 new students, who go on to conduct their residency training in the cities of Trois-Rivières or Shawinigan. More than half will practice in the region after graduating.



A HISTORIC SEASON

Université de Montréal's Carabins were crowned Canadian university football champions, winning the Vanier Cup in Montreal against the McMaster University Marauders. This capped a remarkable season for "the Blues," ending 11 years of domination in Quebec by Université Laval's Rouge et Or.

Our team was a shining example of how hard work, discipline, and talent can sometimes beat the odds... considering it was only 12 years ago that the Carabins football team was reborn, after a 30-year hiatus!

Today, the team is the pride of all Montrealers. As head coach Danny Maciocia says, when the Carabins hit the field, the entire Université de Montréal community soars with them!

"Go Blues, Go!"



A HELPING HAND IN PARK EXTENSION

Unique in Canada, “The Extension” has opened its doors in Montreal’s Park Extension neighbourhood. It’s an education and health support centre for children and adults.

The centre is located at the Barclay Elementary School and is the result of collaboration between the Faculty of Education, the Faculty of Dentistry, and the School of Optometry. Its mission is three-fold: provide care and services for people with learning difficulties or experiencing oral health or vision problems, become a supervised practice setting for students, and feed scientific research in order to provide the best possible care and services to disadvantaged communities.



PHILOSOPHY VS. PRE-PACKED OPINIONS

Innovation in all areas often begins with a radical change of perspective. This is what philosophy has to offer. Université de Montréal’s Department of Philosophy is the largest in North America by number of graduate students, with nearly 200 students enrolled in the master’s or doctorate program. Drawing on the ancient Greek fabulist, the 2014 creation of the Aesop Chair offers a unique platform for reflection. Its first chairholder is Frédéric Bouchard, a philosopher of science and a rising star in the field.

Established through an anonymous donation of \$1.5 million, the Chair is a vehicle for informing and challenging current public discourse. Stepping back sometimes means rising above.



HELPING ENSURE MEDICINE IN QUEBEC REFLECTS OUR DIVERSITY

Undertaking medical studies does not always enter the minds of young people from disadvantaged or cultural minority backgrounds, even if they're amongst the most talented students. This year we launched our Accès Médecine program to target and support people fitting this profile.

Approximately 75 Université de Montréal medical students were recruited to counsel high school and CEGEP students. Contact with the students includes meet-up activities, workshops, and Facebook. Projet SEUR (Studies, University, and Research Awareness Project), which oversees the program, has been taking the same approach over the past 14 years, raising awareness of the benefits of a university education amongst students who are at high risk of dropout.



FALCONS, MELONS, AND HOPS

By adopting a sustainable development policy and mobility plan, Université de Montréal has reaffirmed its commitment to protect and enhance our green spaces. Our campus is in fact rich in biodiversity. Take for example the pair of peregrine falcons that nest atop our great tower and that gave birth to three offspring last year.

Université de Montréal is also undertaking several urban agriculture projects. We've recently launched the production of a native variety of hops and are working to reintroduce the famous Montreal melon, which was a gastronomic delight in the early 20th century.

Finally, last year's elimination of bottled water sales from our campus has resulted in the disposal of 80,000 fewer plastic bottles.



A GATEWAY TO CHINA

China, which is trying to reform its legal system, is seeking inspiration from Université de Montréal. Through an agreement with the National College of Judges of the Supreme Court of China, 14 Chinese judges came to study the foundations of Canadian law in October. Two other cohorts will visit our campus over the next two years.

In 1998, our university hosted a first delegation of Chinese judges. Since then, close ties have developed between the Faculty of Law and Chinese academia. As part of a summer school program that was established with the prestigious China University of Political Science and Law, 500 Université de Montréal students travel to China while forty Chinese students are trained each summer here. A research collaboration agreement was also reached with the Academy of Social Sciences of China, regarded as Asia's most influential think tank.

IN THE MEDIA



Dinocampus coccinellae, a species of wasp living in Quebec, forces a ladybug to become its larva's bodyguard.

Professor Jacques Brodeur, who holds the Canada Research Chair in Biocontrol, and his research into this topic made the cover of National Geographic's November issue.

**SCIENTIFIC
AMERICAN**

COMMON ANTIBIOTIC, LOSING EFFECTIVENESS, MAY BE REVIVED BY CHEMICAL TWEAK

"Stephen Hanessian, and co-workers at the University of Montreal, Canada, and Sophia University, Tokyo, Japan, replaced the 4'-OH group in the A ring of neomycin with an axial fluorine atom via a multistep synthesis to create a powerful analogue which has been shown to evade the deactivating AMEs in vitro tests. "

Le Monde

SOME SLEEPING PILLS INCREASE THE RISK OF ALZHEIMER'S

"The authors of the study, including researchers from the Institut national de la santé et de la recherche médicale (Inserm) and Université de Montréal say their findings 'reinforce the suspicion of a possible direct link' between benzodiazepines and Alzheimer's disease."

Bloomberg
TELEVISION

NO VISOR REQUIRED: VIRTUAL REALITY ENTERS THE REAL WORLD

"With no Oculus Rift, Hyve 3D aims to bring virtual reality into rooms using projectors, motion sensors, and wraparound screens. Professor Tomás Dorta of the University of Montreal's School of Design is the project's lead researcher."

**INTERNATIONAL
BUSINESS TIMES**

NEW PLANET THAT TAKES 80,000 EARTH YEARS TO ORBIT ITS STAR FOUND

"We observed more than 90 stars and have found one planet. It is therefore an astronomical curiosity,' says lead researcher Marie-Eve Naud, PhD student in the department of Physics at the University of Montreal."

LaMagazine Littéraire

CATHERINE MAVRIKAKIS, HOMAGE TO A DEPARTED FATHER

"Published in the fall of 2014, La Ballade d'Ali Baba lives up to the reputation that twice earned Catherine Mavrikakis a place on the the Prix Femina Selection list."

South China Morning Post
南華早報

GENDER DIVIDE EXISTS EVEN IN NIGHTMARES, STUDY FINDS

"Professor Antonio Zadra and co-author Genevieve Robert, of the University of Montreal, collected 9,796 dream reports. Themes of interpersonal conflict were twice as frequent in women's nightmares as men's, while men were more likely to report nightmares involving disaster or calamity, such as floods or wars."

**LA
PRESSE**

PARTNERS PLAY A ROLE IN BURNOUT

"Mental health at work does not evolve in a vacuum; rather, it is strongly influenced by the rest of daily life. Lead author Alain Marchand of Université de Montréal's School of Industrial Relations says that adopting a holistic view is important."

**WALL STREET
JOURNAL**

ROUGHHOUSING LESSONS FROM DAD

"Toddlers who explored with confidence, while heeding limits set by their fathers, had better social and emotional skills 12 to 18 months later, according to a 2013 study co-authored by the test's creator, Daniel Paquette, an associate professor of psychoeducation at the University of Montreal in Canada."

LE DEVOIR

SURPRISING ARCHAEOLOGICAL DISCOVERY IN THE EASTERN TOWNSHIPS

"'We know that objects abandoned by human groups have sunken deeper into the ground by the of action of freezing and thawing, burrowing animals, and tree roots,' says Professor Claude Chapdelaine of Université of Montréal's Department of Anthropology, who led the excavations in East Angus."

L'OBS

AN AGING POPULATION? NO PROBLEM. ON THE CONTRARY

"Professor Yves Carrière of the Department of Demography, Université de Montréal, believes that the aging Canadian population brings its share of advantages: child care by grandparents, volunteering, and other unpaid work that brings much to society."

PHILANTHROPY



HEC Montréal | Polytechnique Montréal | Université de Montréal

MANY TALENTS. ONE PLANET.

\$	3	2	0	0	0	0	0
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raised so far by HEC Montréal,
Polytechnique Montréal, and the Université de Montréal as part
of Campus Montréal

a major fundraising campaign launched in 2012

GOAL:

\$	5	0	0	0	0	0	0
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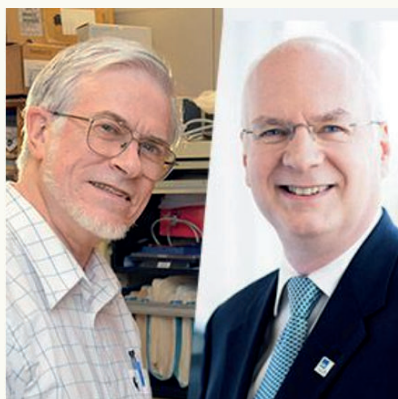
Donations will be used to encourage academic excellence through the
awarding of grants, supporting

research projects in strategic areas, and contributing to the development of state-of-the-art
facilities in the future Science and Engineering Complex in Outremont.

HONOURS

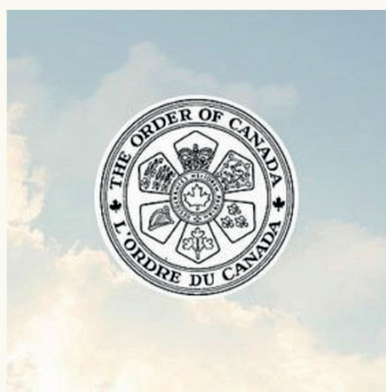


Top teachers
and students



TWO PROFESSORS AMONG THE WORLD'S MOST INFLUENTIAL SCIENTISTS

Thomson Reuters' 2014 list of most internationally cited researchers features the Director General of Université de Montréal's Institute for Research in Immunology and Cancer, Michel Bouvier, and biologist Pierre Legendre, one of the founders of digital ecology.



FIVE APPOINTMENTS TO THE ORDER OF CANADA

The following Université de Montréal figures were awarded the country's highest civilian honour in 2014:

Jean-Louis Baudoin, associate professor at the Faculty of Law, for helping to advance civil law in Canada as a teacher and Quebec Court of Appeal judge.

Rector Guy Breton for his contribution to medicine in the area of radiology and the advancement of higher education as a university administrator.

Christina Cameron, a professor at the School of Architecture of the Faculty of Environmental Design, for her involvement in heritage conservation in Canada and around the world.

Jean-Claude Tardif, Director of the Research Centre of the Montreal Heart Institute and professor at the Faculty of Medicine, for advancing healthcare and research in cardiology.

Lorraine Vaillancourt, a professor at the Faculty of Music for her contribution to contemporary music as a conductor, teacher, and pianist.



MOLSON PRIZE FOR JEAN GRONDIN

Professor Jean Grondin of the Department of Philosophy, who is an authority on hermeneutics, German philosophy, and metaphysics, received the Molson Prize from the Canada Council for the Arts for his exceptional contribution to the country's cultural and intellectual life.



UNIVERSITÉ DE MONTRÉAL'S YEAR AT THE ROYAL SOCIETY OF CANADA

Professors Michel Bouvier (Department of Biochemistry and Molecular Medicine), André Gaudreault (Department of Art History and Film Studies), and Francis Gingras (Department of French Literature) were admitted to the Royal Society of Canada, which includes the country's most prominent humanists, scientists, and artists.

Benoit Dupont (School of Criminology), Paul Khairy (Department of Medicine) and Cynthia E. Milton (Department of History) were admitted to the Society's College of New Scholars. Inaugurated in 2014, the College is the first system of multidisciplinary recognition for the emerging generation of Canadian intellectuals.

Maryse Lassonde (Department of Psychology) was named President of the Society.

Finally, the Royal Society awarded the Alice Wilson Award, which recognizes the exceptional competence of female researchers, to postdoctoral student Elaine Després (Department of French Literature).



HONOURS FOR CHANCELLOR LOUISE ROY

Louise Roy's was crowned with two major awards in 2014: the Institute of Corporate Directors named her a Fellow, its highest title, and the YWCA Montreal awarded her the Woman of Distinction Award for her contribution to the advancement of society.



SHINING STUDENTS

Social work doctoral student Mélanie Doucet won a prestigious award from the Trudeau Foundation for her studies into the child welfare system.

Laurence-Poirier Blanchette, a first year student at the Faculty of Medicine, won the Schulich Leader scholarship, the most important undergraduate student award in the country.



Our honorary doctors in 2014



**CHRISTINE
LAGARDE**

*Managing Director of the
International Monetary Fund*



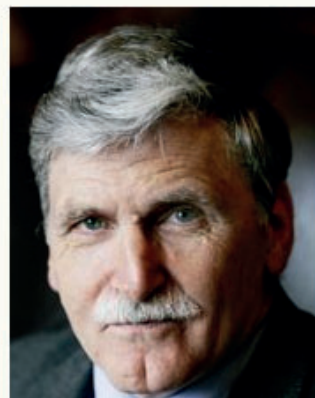
**JACQUES
PARIZEAU**

former Premier of Quebec



**SIMA
SAMAR**

*campaigner for women's
rights in Afghanistan*



**ROMÉO
DALLAIRE**

senator



**JOAN
DORNEMANN**

*coach of the Metropolitan
Opera in New York*



**SERGE
HAROCHÉ**

Nobel Prize in Physics



**PIERRE
BEAUDOIN**

*President and Chief
Executive Officer of
Bombardier*



**CALIN
ROVINESCU**

*President and Chief
Executive Officer of Air
Canada*



**GUY
FRIJA**

*President of the European
Society of Radiology*



**LEON
FLEISHER**

pianist and conductor



**LISE
WATIER**

*founder of Lise Watier
Cosmetics*



**PIERRE-MARC
JOHNSON**

former Premier of Quebec



**RÉJEAN
THOMAS**

*co-founder and president of
L'Actuel Medical Clinic*



**ROBERT
G. EVANS**

*Professor of Economics at
the University of British
Columbia*



**SERGE
RESNIKOFF**

*President of the
Organisation pour la
prévention de la cécité*



**SONIA
LIVINGSTONE**

*professor of social
psychology at the London
School of Economics and
Political Science*

COMMITTING TO THE FUTURE

TOWARDS A NEW UNIVERSITY MODEL

Guy Breton
Rector



Université de Montréal is a national treasure. In the space of a century and a half, Quebecers have built one of the world's 100 best universities. We must not allow this collective achievement to wane. But what can we do at a time when public funding is steadily declining despite increasing demands on and for higher education?

I believe we must rethink our relationship with our direct beneficiaries – graduates and employers. We need to ensure graduates view their alma mater not as a distant memory from their youth but rather as an anchor, a place to which they will return many times during their lives to expand their knowledge and horizons.

Public and private sector employers should have a privileged relationship with the organizations that are educating their future employees. We need each other. We need to create more partnerships in order to change the status quo together.

Within a few years, I see Université de Montréal as a major meeting point where students and employers, researchers and business leaders mingle in order to find answers to their questions. It's about being a strong university that serves the society that supports it. This is where we are headed, together.

THE UNIVERSITY AS A MIRROR OF SOCIETY



Louise Roy

Chancellor and Chair of the Board

If there is one place that shapes the future of a nation, it's a university. By its sheer size, Université de Montréal has a major influence on our collective future. In 2014, more than 12,000 students graduated with a degree, which will propel their lives and, by extension, all of Quebec.

Twenty-four volunteers from various backgrounds who share this vision sit on Université de Montréal's Board, which I chair. Its role is similar to that of a Board of Directors: it sets forth the general direction of the university and ensures its proper management. The importance of this commitment cannot be stressed enough – strong communities depend on volunteer involvement.

They also depend on philanthropy. Let's not forget that Université de Montréal is a charitable organization. All the major steps in University's development, such as its construction on Mount Royal, involved community participation. And the next steps, including development of the Outremont campus, will be no different. Donors give us the means to look to the future and go forward on the path to excellence. And at the end of the day, what we give to Université de Montréal is eventually given back to us. Louise Roy, Chancellor and Chair of the Board

Conseil de l'Université de Montréal

CHANCELIÈRE ET PRÉSIDENTE DU CONSEIL

Louise Roy

Administratrice de sociétés

Fellow Center for Interuniversity Research and Analysis of Organizations

RECTEUR

Guy Breton

MEMBRES

Claude Benoit

Corporate Director

Delphine Bouilly

Student

Michèle Brochu

Professor, Faculty of Medicine

Director, Department of Molecular and Integrative Physiology

Thérèse Cabana

Professor, Faculty of Arts and Sciences

Christina Cameron

Professor, Faculty of Environmental Design

Chairholder, Canada Research Chair in Built Heritage

Sylvianne Chaput

Vice-president, Governance, Risk and Performance

Fondation Lucie et André Chagnon

Maurice Charlebois

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Madeleine Féquière

Managing Director and Head of Business Credit

Domtar

Frédérique Gardye

Lecturer

Jacques Gaumond

Corporate Director

Marc Gold

Vice-president

Maxwell Cummings & Sons Holdings Ltd.

Françoise Guénette

First Vice-President, Corporate and Legal Services, Compliance, and Secretary

Intact Financial Corporation

Christophe Guy

General Director

Polytechnique Montréal

Jonathan Lafontaine

Student

Jean-Jacques Nattiez

Professor, Faculty of Music

Robert Panet-Raymond

Corporate Director

Michel Patry

Director

HEC Montréal

Chantal Rougerie

International Project Finance Specialist

Élie Saheb

Executive Vice-President of Technology

Hydro-Québec

Pierre Shedleur

Special Advisor

BDO Canada

Denis Sylvain

Secretary-General, General Association of Students,

Faculty of Continuing Education

SECRÉTAIRE**Alexandre Chabot**

Secretary-General

AND BEYOND...

Université de Montréal's future lies in the development of a state-of-the-art campus in a neighbourhood known for its creativity



Scheduled for 2019, Université de Montréal's new Outremont Campus will breathe new life into the heart of Montreal, as it is being built on a long-abandoned rail yard in the centre of the city.

The campus will take shape around the Pavillon des sciences, which will bring together disciplines that have seen breathtaking progress in the last decade, such as chemistry, physics, geography, and biological sciences.



Polytechnique de Montréal's Pavillon de génie will train specialists in integrating new technologies in industry. Here, materials and devices will be developed for the energy, electronics, communications, and life sciences sectors.

The Institut des nouveaux matériaux – a partnership between Université de Montréal, Polytechnique Montréal, and Institut national de la recherche scientifique – will bring together the largest number of researchers in material sciences in Canada, a strategic asset for the city and its leading industries.

Finally, student residences, affordable housing, four parks, new streets and bike paths, and a pedestrian path connecting the Acadie and Outremont Metro Stations, all of this adjacent to the emerging artistic neighborhood known as Mile-Ex, will ensure the campus pumps with life.



**TO LEARN MORE
AND KEEP IN TOUCH :**

 recteur.umontreal.ca