DISCOVERING WHY. TAKING ACTION. ACHIEVING.
ACTION.
A fantastic community venture
Université de Montréal was founded with an educational mission. Over the course of its 133-year history, our society has given the university a wider and more profound role.

Not a day goes by that I am not struck by the fact that our institution is by definition a community venture. Université de Montréal, or UdeM, is one of Québec’s greatest collective undertakings. Montrealers, Quebecers and Canadians as a whole have worked together here, and we see ourselves in the university, in its projects, in its aspirations and in its achievements. The university is a powerful driving force of development for our community because it is our greatest engine for research.

UdeM is indeed much more than the 70,000 students, faculty, administrative and support staff that make up its immediate community. It’s a reference point for elementary and secondary school students who aspire to study at a major university. It’s a partner for the political world, and a resource for the business world. UdeM is a source of continuous expertise and information for our media, and a major support for our social, health and education networks, whilst acting as a fertile business and innovation incubator. Université de Montréal links our society into international networks and the newly globalized forum of ideas.

Any observer in the education field will tell you: there has been a surge of interest in university studies in recent years. At Université de Montréal, there are 16,000 more students now than twelve years ago. Over the past year alone, enrolment has increased by 3% and the graduation rate has jumped 5.7%. The quality of university applicants is on the rise and our researchers are excelling in the competitions of the major granting agencies.

In terms of employment, Québec is going through a period of strong demand. Public organizations, health institutions, small, medium and large businesses, schools and CEGEPs, as well as the enormous service industry, will all need to replenish their workforces. Baby-boomers will start retiring next year, which will increase the demand for professionals over the next decade. Moreover, in the 21st century, “workforce” increasingly means a skilled, university-educated workforce.

In its latest budget, the Québec Government acknowledged the financial issues that hinder development of the university network. In recent years, Université de Montréal has promoted solutions such as a reasonable increase in tuition fees, a rethinking of the taxation policy on donations to universities, an improvement in the program of student loans and bursaries, and better, more consistent support for research. These measures have the great value of appealing to all players involved in the university mission. In addition, they will serve to relaunch one of the best public higher education networks in the world.

UdeM will use these new means to build more bridges with Québec society and use our talent to serve the cause of intellectual, cultural, economic and scientific progress. Our mission, indeed our raison d’être, is to accompany Québec on the road to change.

We want to work with you, because Université de Montréal is your university.

GUY BRETON
Rector
UdeM includes...


...the world
UdeM takes action
2011

ZERO DEFICIT, INCREASING RESOURCES
For the first time since 2005, UdeM has presented a balanced budget, a year earlier than expected.

Almost all collective agreements between UdeM and its various unions and associations have been renewed.

The pay equity process was completed to everybody’s satisfaction, with close to 2,900 people, a majority of whom are women, receiving the salary adjustments that were due to them under the law.

The University has taken another step to modernize teaching by replacing its online course platform.

The University has also launched phase one of the most important overhaul of its management information system in the past 30 years.

UdeM’s most used building, 3200 Jean-Brillant, has had a facelift! Thanks to the Government of Québec and the Knowledge Infrastructure Program of the Government of Canada, we have renovated approximately 50 classrooms and nine lecture halls in order to provide students with a user-friendly, modern and more functional learning environment.

Wireless Internet is now accessible across our campus.
GREEN CLASS on THE MOUNTAIN!

Mount Royal is an integral part of the history of Montréal and the University, an institution that proudly carries the city’s name abroad. Our campus comprises 60% green space and is home to a unique ecosystem that the University is committed to protecting. This is why we foresee our development being in complete harmony with the city’s geophysical environment. It is also why we are adopting fully the principles of sustainable development which guide the management of major projects in our society today.

The University is working not only to preserve Mount Royal, but to improve it as well. In 2009, we ceded a 13.5 hectare piece of land to the Ville de Montréal for a new public park on the mountain’s northern slope. The parc du Troisième sommet will provide Montrealers with an unrestricted view of the Laurentian foothills. By participating in the creation of this park, the University is demonstrating its attachment to Mount Royal, which has been its home for close to seven decades.

40 hectares of green space
We also promote the environment and sustainable development with a unique, proactive approach to public transportation. Since Fall 2011, UdeM students have unlimited access to the Société de transport de Montréal’s network at an unparalleled fare. The CARTE CAMPUS, a student initiative financially supported by the Laurentian Bank, is the first of its kind for a Montréal university and is a highly successful transportation initiative.

On the energy front, UdeM is doing its part. We are spending less in gigajoules per square metre than any other major Québec research university. Thanks to the ENERGY CONSERVATION projects implemented over the past few years, our energy costs have remained almost unchanged since 2003, while our campus area has increased by 16%.

Environmental protection is not possible without a solid understanding of our ecosystem. Last March, UdeM opened its new BIODIVERSITY CENTRE at the Montréal Botanical Garden. With common conservation, research and education objectives, our two institutions developed a project that is both unifying and very open to the community. It is expected to become an international reference in the study of plant species.
A NEW CAMPUS in LAVAL

Since Fall 2011, UdeM’s brand new campus in Laval has welcomed 2,000 students, 600 of whom are newly enrolled. Unlike our other satellite campuses, the Laval branch offers full Bachelor’s and Master’s programs in several areas of study related to health, education and social services.

The opening of this new campus demonstrates UdeM’s commitment to offer sustainable solutions in response to the changes affecting Québec. Currently, 35% of our students come from Laval and the North Shore, and 40% of the region’s CEGEP students choose UdeM. By moving closer to our students, we are responding to the socio-demographic challenge of the greater metropolitan area. At the same time we are adhering to our budget framework as the initiative will fully pay for itself with the growth of the student population.
35% of our students come from Laval and the North Shore
Vincent Dumez

**THE PATIENT-PARTNER REVOLUTION**

Rethinking the role of patients so that they team up with healthcare professionals and contribute to their training: this is the latest revolution initiated by the Faculty of Medicine. The patient partner program, which is unique in Canada, aims to develop new practices that will help the healthcare system evolve towards better health care management.

**A PROGRAM FOR INTERNATIONAL PHARMACISTS**

Thirty students are attracting a lot of attention at the Faculty of Pharmacy this year. These pharmacists were trained in their countries of origin before immigrating to Canada. UdeM is now offering a follow-up program which allows them to meet professional order requirements in less than a year and a half instead of two, three or four years, as was previously the case.

**SUMMER SCHOOL FOR DOCTORAL STUDENTS**

Launched this year, UdeM’s first ever doctoral and postdoctoral summer school was a hit. More than an activity sought to help doctoral and postdoctoral students expand their professional horizons by providing additional training ranging from courses on etiquette to project management. More than 60% of doctoral students will pursue their career elsewhere than the university, most often in a private company or in public organizations.

**125 YEARS OF VETERINARY MEDICINE IN FRENCH**

Veterinary medicine has now been taught in French in North America for 125 years. Throughout the year, the Faculty of Veterinary Medicine in Saint-Hyacinthe, the only school of its kind in Québec, and its partners celebrated the extraordinary advancement of the profession under the theme of “One world, one health, one medicine.”

**JUSTICE 2.0**

By inaugurating the world’s first ever cyberjustice laboratory, the Faculty of Law is revamping traditions. The Laboratory’s mission is to understand the obstacles preventing a greater use of technology in the administration of justice and to develop tools adapted to today’s reality. These tools include the creation of a computerized filing system of proceedings, the development of a video conferencing system, the use of virtual reality and holographic technologies to recreate crime scenes, and the design of facial feature analysis software that can help determine a witness’ credibility.

**DANNY MACIOCIA TAKES THE HELM OF THE CARABINS**

The Carabins football team has a new head coach: Danny Maciocia. A native Montrealer from Saint Leonard, Mr. Maciocia is the only Québec coach to have held a head coach position in the Canadian Football League (CFL) and to win the Grey Cup in this position (in 2005 with the Edmonton Eskimos.) Under his leadership, the Carabins had a season record of 6-3 and they secured a spot in the playoffs.

**ART POUR TOUS**

The UdeM campus is full of public art that the multiplatform exhibition *Art pour tous* highlights and introduces to a wider audience. This on-site exhibition is made up of explanatory signs on campus, web exhibitions, videos, podcasts and printed handbooks for self-guided tours, all of which make the works accessible, both physically and virtually, at all times and as the visitors wish. The exhibition received a 2011 award for excellence from the Société des musées québécois for its innovative and accessible nature.
### March 14, 2011

How did a chimplike society ever give rise to the egalitarian, largely monogamous structure of hunter-gatherer groups? A new and comprehensive answer to this question has been developed by Bernard Chapais of the Université de Montréal. Dr. Chapais is a primatologist who has spent 25 years studying monkey and ape societies.

### March 16, 2011

Ubisoft has announced the creation of a chair in artificial intelligence at the Université de Montréal which will be created between others, to accelerate the development of content interactive.

### April 4, 2011

People with autism use their brains differently from other people. University of Montreal's scientist Dr. Laurent Mottron says in autistic people, the brain areas that deal with visual information are highly developed. The National Autistic Society says the findings significantly increase understanding of the condition.

### May 11, 2011

Retrouver un sommeil harmonieux et continu est un préalable pour obtenir le soulagement de douleurs chroniques. Par-dessus tout, Rivest a livré une mahlérienne […].
GILLES BRASSARD RECEIVES THE KILLAM PRIZE
Professor Gilles Brassard, of the Department of Information Technology and Operational Research, is a pioneer in cryptography and quantum teleportation. Recognized as one of the world’s most distinguished computer specialists, Professor Brassard received the 2011 Killam Prize in Natural Sciences, one of Canada’s most prestigious awards. It is awarded by the Canada Council for the Arts.

ACADEMIC EXCELLENCE AWARD FOR MONIQUE CORMIER
Monique Cormier shares her passion for the French language with her students in the Department of Linguistics and Translation, with listeners of her Radio-Canada Médium large radio program weekly feature, and with a large audience of specialists, in particular through the creation of the Journée québécoise des dictionnaires, of which the 4th edition will occur in 2012. In 2011, Professor Cormier was the first woman to receive the Distinguished Academic Award from the Canadian Association of University Teachers (CAUT).

OLIVIER DAIGLE RECOGNIZED FOR DESIGNING THE MOST SENSITIVE CAMERA IN THE WORLD
Olivier Daigle’s doctoral research in physics led him to design the world’s most sensitive astronomical camera. This innovation, which greatly improves the image quality of low luminosity stars, was bought by NASA. It also earned Mr. Daigle the title of La Presse/Radio-Canada 2011 Person of the Year in the Social Sciences, Pure Sciences and Technology category. Today, the graduate heads a small start-up company, located in the business incubator on UdeM’s campus.

THE PRESTIGIOUS GILLER PRIZE AWARDED TO JOHANNA SKIBSRUD
Johanna Skibsrud achieved a dream by winning the prestigious Giller Prize, which annually rewards the best Canadian writers. Ms. Skibsrud, a doctoral student in the Department of English Studies, received a $50,000 grant for the publication of The Sentimentalists. The book tells the story of a young woman’s attempt to shed light on her father’s past and his participation in the Vietnam War. Ms. Skibsrud’s doctoral thesis deals with Modern American Poetry Through a Photographic Lens.

ÉRIC DENEAULT AMONG THE BEST NEW RESEARCHERS
Éric Deneault was named a research star at the second Rendez-vous du savoir. The doctoral student in molecular biology at Université de Montréal’s Institute for Research in Immunology and Cancer was recognized for being behind a world first in biomedical research: managing to produce a large quantity of stem cells in the laboratory from a minute number of blood stem cells from bone marrow.

OUR HONORARY DOCTORATES

PATRICK AEBISCHER
President of the École polytechnique fédérale de Lausanne

LOUIS R. CHÈNEVERT
Chairman of the board of the Caisse de dépôt et placement du Québec and of the board of Montréal International

JEAN CHRÉTIEN
Canadian politician

JACQUELINE DESMARAIS
Founder of the Guilde de l’Opéra de Montréal, the Fondation Jacqueline Desmarais and the Canadian Vocal Arts Institute

FRANÇOIS DUBET
Professor at Université Bordeaux II and director of studies at the École des hautes études en sciences sociales

NICHOLAS P. FRANKS
Professor of biophysics and anesthesiology at Imperial College London

CHRISTOPHER ROBIN HININGS
Professor emeritus at the University of Alberta

HUANG JIN
President of the China University of Political Science and Law

DENIS KESSLER
Chairman and Chief Executive Officer of SCOR

NICOLE NANATASIS O’BOMBSAWIN
Anthropologist and museologist

CHANTAL PETITCLERC
Canadian athlete and paralympic champion

JEAN-CLAUDÉ TRICHET
President of the European Central Bank

LORNE M. TROTTIER
Cofounder of Matrox Electronic Systems

BERNARD VALLAT
Director General of the World Organisation for Animal Health

D’ MARK A. WAINBERG
Professor at the McGill University Faculty of Medicine and Director of the McGill University AIDS Centre

JIE ZHANG
President of the Shanghai Jiao Tong University
RENÉ ANGÉLIL AGAINST ORL CANCERS
René Angélil agreed to lend his name to a new research chair on ORL cancers, which mainly affect the mouth, throat, tongue and larynx. Created at the UdeM at the behest of physicians from the Centre hospitalier de l’Université de Montréal (CHUM) and with the support of major donors, this chair also bears the name of Dr. Azar, in tribute to the late head of the CHUM’s ORL department, Dr. Antoine Azar.

JOHN PARISELLA AT THE HEAD OF THE MAJOR FUNDRAISING CAMPAIGN
The largest university campus in Québec, bringing together HEC Montréal, École Polytechnique and Université de Montréal, will soon undertake the most ambitious fundraising campaign in its history. John Parisella has been entrusted with managing it. Currently Québec’s Delegate General in New York, Mr. Parisella will take office in January 2012 as executive director of the major fundraising campaign for the three institutions combined.

MORE THAN $16M IN DONATIONS IN 2010-2011
$180M ENDOWMENT FUND
75 PHILANTHROPIC CHAIRS
HUNDREDS OF SCHOLARSHIPS

THANK YOU TO OUR DONORS
DISCOVERING WHY. TAKING ACTION. ACHIEVING.
“WHEN I TOOK OFFICE A LITTLE OVER A YEAR AGO, I UNDERTOOK TO MAKE UdeM AN ESSENTIAL REFERENCE AMONGST FRANCOPHONE AND INTERNATIONAL UNIVERSITIES. HERE ARE THE OBJECTIVES THAT I SET OUT.”

Rector GUY BRETON
UdeM WILL ADMIT STRONGER STUDENTS TO ITS PROGRAMS. Because the quality of our applicants is a barometer of the quality of our programs. Better programs mean our society will be better equipped to face the challenges of the 21st century.

UdeM WILL ADMIT MORE INTERNATIONAL STUDENTS. Because our international student population is an indicator of our programs’ attractiveness and because UdeM is in tune with a society that is more open to the world.

UdeM WILL GRADUATE MORE STUDENTS. Because UdeM believes in the value of the diploma, not only for the person who receives it, but also for society as a whole. The development of our society depends on its population’s education now more than ever.

UdeM WILL HIRE MORE PROFESSORS. Because every new professor opens a new chapter in the grand adventure of knowledge, and because this new knowledge is the basis of all forms of development — social, economic and cultural.

UdeM WILL STRENGTHEN ITS RESEARCH POSITIONING. Because research is a major part of our mission and because by maintaining our position as one of Canada’s most dynamic research universities, we will contribute to strengthening Montréal’s place as Canada’s research capital.

UdeM WILL MODERNIZE AND EXPAND ITS FACILITIES. Because our campus has reached its accommodation capacity and because our infrastructures must reflect who we are: Québec’s leading university and one of the largest universities in the world.
On September 1st, 2011, Rector Guy Breton welcomed 2,500 new students at the CEPSUM stadium.
IN QUÉBEC: WITH ITS AFFILIATED INSTITUTIONS, HEC MONTRÉAL AND ÉCOLE POLYTECHNIQUE, UdeM IS THE FOREMOST TEACHING AND RESEARCH CENTRE IN QUÉBEC.

IN CANADA: UdeM IS HOME TO THE SECOND LARGEST STUDENT BODY IN THE COUNTRY.

IN CANADA: WITH RESEARCH REVENUES EXCEEDING HALF A BILLION DOLLARS, UdeM RANKS AS THE THIRD MOST DYNAMIC RESEARCH UNIVERSITY.

IN THE WORLD: UdeM IS RANKED 104TH IN THE PRESTIGIOUS TIMES HIGHER EDUCATION RANKING AND IS THE ONLY FRENCH-SPEAKING CANADIAN UNIVERSITY IN THE TOP 150 OF ANY INTERNATIONAL UNIVERSITIES RANKINGS.
OUTREMONT: THE SCIENCES OF TOMORROW

The transformation of the former Outremont rail yard is undoubtedly UdeM’s most ambitious institutional project. This project has three main objectives. The first is to construct a building to house all of the University’s science departments under one roof. The second is to add space to accommodate a student population that has been growing for more than ten years. The third is to participate in the development of a former industrial neighbourhood by revitalizing a major portion of the borough’s territory in economic, urban and social terms.

The rising stars in entrepreneurial Québec are mainly concentrated in fields that require computer science, math, chemistry, physics and the biological sciences. With one in ten jobs being in a knowledge sector, much of Montréal’s current industrial structure, whether in aeronautics, information technology, life sciences or clean technologies, relies heavily on the scientific disciplines. By constructing a building for the sciences in the heart of the island, UdeM will give Montréal a further advantage in the key innovation fields.

The Outremont campus project will also allow the University to honour its commitment to preserving Mount Royal as we are committed to refraining from carrying out any more large-scale construction projects on our existing campus green spaces.
1 in 10 Montreal workers are in the High Technology sector
61,253

STUDENTS
UdeM has 16,000 more students than it did 12 years ago. One in four students in Québec attends UdeM or its affiliated institutions.

15,798 GRADUATE STUDENTS

- DOCTORATES 6,7%
- MASTER’S 19,4%
- BACHELORS 73,9%

26,1% of our students are pursuing graduate studies, the highest proportion in Canada.

Fall 2010
6,944 INTERNATIONAL STUDENTS

UdeM is home to one in four international students in Québec and helps make Montréal Canada’s premiere international university city.

9,000 PERMANENT RESIDENTS

With close to one in eight students born abroad, UdeM is a vibrant reflection of the cultural make-up of Montréal’s population.

11,366 NEW GRADUATES

Each year, UdeM confers diplomas on more than 11,000 students, including one doctorate in 13 in Canada, thereby directly contributing to our society’s cultural, scientific and economic development.
ALUMNI
The UdeM family includes more than 300,000 graduates who represent the largest qualified labour pool in Québec and who extend the university’s influence worldwide.

16 FACULTIES AND SCHOOLS
UdeM offers one of the largest arrays of programs in Canada. We are the only Canadian university to offer programs in all of the life sciences fields.

600 PROGRAMS
UdeM offers 250 undergraduate programs and 350 graduate programs covering all fields of knowledge.

27 AFFILIATED HEALTH INSTITUTIONS
UdeM is at the heart of a major network of affiliated hospitals and CLSCs which provide healthcare to almost half of Québec’s population and serve as a learning environment for our students in the health field.

600 INTERNATIONAL PARTNERS
UdeM has cooperative agreements with institutions in 90 countries and hosts numerous international professors and lecturers each year.

450 RESEARCH UNITS
With its affiliated institutions, UdeM houses almost 450 research units, including 131 Canada Research Chairs and 185 research centres and institutes. Together, we carry out close to a third of all university research conducted in Québec.
UdeM is one of Canada’s leading universities and has held the top position in the Québec university network since 2005 for the volume of its research activities.

UdeM+: includes École Polytechnique and HEC Montréal

Source: Re$earch Infosource 2011

IN RESEARCH REVENUE

Since its creation, the Canadian Foundation for Innovation has injected over $800 million into the construction of research centres and laboratories on our campus with the help of the Government of Québec. UdeM ranks fourth among Canadian universities funded by the CFI.
$68M IN FINANCIAL SUPPORT

Our graduate students share $68 million each year in the form of internal, private and government bursaries, as well as teaching and research appointments.

1,000 TREES

Since 2000, UdeM has planted more than 1,000 trees on its campus while eliminating 800 parking spaces.

QUÉBEC RESEARCH FUNDS
2009-2010

<table>
<thead>
<tr>
<th>Institution</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>McGill</td>
<td>$31.9M</td>
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<td>$3.4M</td>
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<tr>
<td>UdeM+</td>
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CANADA RESEARCH FUNDS
2009-2010

<table>
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<th>Amount</th>
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<tbody>
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<td>Toronto</td>
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<tr>
<td>UdeM+</td>
<td>$152.5M</td>
</tr>
</tbody>
</table>

UdeM and its affiliated institutions manage an overall budget of $1.2 billion, which represents close to 1% of the Montréal metropolitan area’s GDP.
2,600 PROFESSORS AND RESEARCHERS
UdeM and its affiliated schools’ employ 2,600 professors and researchers, both regular and guests, who share teaching tasks with 2,500 lecturers and 2,300 clinical professors.

4,427 MANAGERS AND SUPPORT STAFF
UdeM is among the top 10 employers in the Montréal area and is the largest employer among Québec’s postsecondary teaching institutions.

UDEM’S OPERATING BUDGET
$639M

DISTRIBUTION OF SOURCES OF INCOME

- OPERATING GRANT: $441.7M (74%)
- TUITION FEES AND ADMISSION FEES: $94.3M (16%)
- OTHER INCOME: $60.1M (10%)

DISTRIBUTION OF EXPENSES

- SALARIES: 76%
- OTHER EXPENSES: 24%
“I am particularly proud to preside over the board of a university that is one of the leading institutions in the Franco-phone academic world. Université de Montréal offers an impressive range of programs and conducts innovative research. It also plays a key role in the social and economic development of our society.

UdeM brings together an entire scientific community of students, professors and researchers who are constantly pushing the limits of knowledge. Furthermore, it is led by a committed and competent management team that is open to the future and that carries a dynamic vision for its development.

My role is to work with the members of the Board to support this ambitious vision. Together, we want to help UdeM face its numerous strategic challenges and better prepare our students to live and work in a global environment that is becoming more and more complex every day.

For me, it is an ongoing honour to work for a university that understands and works for the benefit of all.”

LOUISE ROY
Chancellor and Chairperson of the Board
University Board

The University Board comprises no more than 24 members who represent both the university community and UdeM’s institutional partners. The Board applies generally accepted rules of governance and, in so doing, relies on a group of four committees: Auditing, Human Resources, Governance and Real Estate. These committees report directly to the Board and form the links of a chain of reliable governance that embraces the major issues related to UdeM’s development and functioning.

Would you like to know more about our achievements, research chairs, programs, finances and donors? Keep reading at www.recteur.umontreal.ca/rapport
DISCOVERING WHY. TAKING ACTION.