What does the future hold in store for us? The question inspires all manner of reflection among those interested in the world’s continuation. Consider the sub-title of American columnist Thomas L. Friedman’s book *The World is Flat: A Brief History of the Twenty-First Century*. In his equally concise *A Brief History of the Future*, essayist Jacques Attali predicts the decline of the American empire and the shift of the world’s economic centre of gravity to Asia. And in *xxi siècle, les innovations qui vont changer notre vie*, BMW France’s communications director Éric de Riedmatten delivers a stimulating sci-fi bestseller… in business circles.

For this annual report, we, too, wanted to try our hand at futurology. An idea came to us while visiting our architecture students’ incredible exhibition, “The architecture of Montreal in 2108”. We should ask a dozen members of our community – students, professors, employees, alumni, donors – to predict what will become of their respective fields of activity. Their answers trace the broad outlines that will shape the course of things over the coming decades. They also point to potential solutions that the Université de Montréal can bring to today’s challenges.

As the main training centre for the generations to come, and thanks to its very mission, the university institution looks to the future. The university timeline is measured in generations, which is why universities must have a premonition of what will be, in order to transmit knowledge that furthers progress and social transformation.

What will the Université de Montréal of the future be like? We see it as modern, international, in tune with the world and attuned to contemporary issues, oriented to the needs of our society, able to fully exercise its leadership in the Francophonie, and enjoying sufficient resources to fulfill its two-fold mission of teaching and research.

Right now, with UdeM, our society is benefiting from one of the world’s top 100 universities, according to the highly respected *Times Higher Education Supplement*, and for the sixth time in seven years, our institution was ranked the second most dynamic Canadian university in terms of research. The present must serve as a platform to keep asserting this unique position in Quebec postsecondary education.

This annual report highlights our most recent accomplishments. Clearly, from the successes it covers, the work carried out by the members of our community deserves to be celebrated, and it offers a sound foundation for the achievement of our loftiest aspirations.

Onward! The future needs us.
One of the leading lights in Quebec genomics, a professor in the Faculty of Medicine and a researcher attached to the Montreal Heart Institute, John Rioux is a specialist in inflammatory disease. In 2007, Québec Science magazine rated his work on the major histocompatibility complex one of the top ten discoveries of the year.

“Currently, all medical research is oriented towards personalized medicine. Advances in the field of genomics are paving the way for fresh new perspectives that will make it possible to take individuals’ genetic profiles into account, both for the prevention of disease in patients and for their pharmaceutical treatment, a process referred to as pharmacogenomics.

“Imagine a patient who goes to the hospital in 2030. Right away, we take a blood sample. But instead of it giving us the patient’s hematocrit level or white cell count, this single sample lets us sequence the individual’s 3 billion genomic base pairs in just a few hours. The physician will then have a complete genetic portrait, which will help not only identify the disease’s subgroup very precisely, but determine what therapy is best adapted to the patient.

“Genetics is the science of our time because it is an information science. It supplies medicine with information of amazing quality, which will considerably improve diagnostic precision, and, as our public health network is more homogenous than elsewhere in the world, Quebec will be especially well placed to integrate all this information into the system.”

For four years, Dominick Rathwell-Deault has been studying at the Faculty of Veterinary Medicine – the only one in Quebec and one of only four in Canada. President of the UdeM Veterinary Students Association in 2006, she won the Simon-Mercier Prize, which rewards student commitment. She has already contributed her services to the clinic for pets of street youth set up by Father Emmett Johns, fondly known as Pops. Next year, she will take off for Costa Rica, where she will take part in a pet vaccination campaign.

“During the summer, I work as an inspector for the Canadian Food Inspection Agency. I check the food safety of chicken carcasses in a Quebec company that slaughters 100,000 chickens a day. I mention this to show that veterinary medicine is not at all limited to providing care to animals, and that our profession is being called on to play an ever expanding role in the field of public health.

“Biosecurity, controlling zoonotic diseases, managing the risks of pandemics and keeping an eye on avian flu are, in my opinion, some of the areas that veterinarians will explore in the decades to come. The challenges are huge, especially in North America, which has been accused of falling a bit behind. Europe, because of the epidemics that have decimated herds over the last two decades, is better equipped to face epidemiological crises of animal origin. It will be in our best interests to follow Europe’s example, especially when it comes to disinfection standards – because there will be lots of crises if nothing is done. That’s the only prediction I’ll make.”
The first financial analyst to predict that the tech bubble would burst in 2000 is a UdeM graduate in economics. François Trahan is now at the pinnacle of the American financial industry. He has twice been named Wall Street’s top portfolio strategist by Institutional Investor. In 2007, he left his job as chief strategist at Bear Stearns for the influential New York brokerage firm ISI Group.

“Three macroeconomic phenomena will determine the planet’s financial future. First, the permanence of speculative bubbles. They’ve been around since the advent of the merchant class. In 1630, the price of tulips plummeted in Europe after years of robust sales. My favourite example: the 1960 crash of the bowling alley industry in the United States. The human condition is such that there will always be phases of growth followed by more or less pronounced slumps. When I predicted the burst of the tech bubble, I announced the growth in real estate, which proved to be correct until the recent subprime crisis.

“Second phenomenon: the emergence of the insurance market. Risk is now listed on the stock exchange – ecological risks, weather risks, real estate risks, medical risks. Hedge funds invest massively in this new niche. More and more often, brokerage firms hire brokers not only on the basis of their economic expertise, but on their knowledge of tornados, how to grow wheat or the timber industry.

“Thirdly, the shift to the East of the economic centre of gravity. Fifteen years ago, New York was the centre of international finance. Today, it shares this honour with London and Hong Kong. Fifteen years from now, it will be Hong Kong dominating the new world economic order. ISI Group, the firm that I work for, has 110 employees, 10 of whom work permanently in Hong Kong. And we are in touch with them by phone every day. The financial future will rise with the sun.”
Jean-Michel Salaün heads the School of Library and Information Sciences. In 2007, *Archimag* magazine named him one of the five most influential personalities of the last 20 years in the field of information and documentation.

“Library sciences probably won’t exist anymore, at least not in its current form. In 1984, when the UdeM changed the name of its School of Library Sciences to School of Library and Information Sciences, it recognized a profound transformation that has continued ever since, well beyond what could be imagined at the time. Today’s libraries are much more than a collection of books, documents and archives. The digital age and the explosion of the Web have remodelled the way we relate to knowledge and culture by changing the way we research, classify, lecture and listen. The expression ‘information sciences’ expresses the nature of this relationship much more accurately.

“What does the future have in store for us? Basically, archivists, librarians and documentalists will retain their primary mission: to bring order to the mass of documents produced by a society. But we can predict that this ordering will be done according to new models of document organization. The introduction of an ‘intelligent’ Web semantic and cyber infrastructures will dematerialize memory management – and consequently forgetfulness. It will promote the integration of documentary knowledge in daily practices, whether that involves leisure or work. The library will be less and less a place apart from the world, and the world will be more and more an open-sky library. And the information professional will be central to the knowledge society.”


For many years, Guylaine Rivard has worked at UdeM’s physical education and sports centre, CEPSUM, primarily as an organizer and development officer. She has just launched a program called “Ma santé au sommet,” the first of its kind in Quebec, aimed at raising awareness among the 65,000 members of the university community of the virtues of physical activity and a healthy lifestyle.

**PHYSICAL ACTIVITY OF TOMORROW**

“We can’t change lifestyles by decree. The only way to move from a curative approach to a preventive approach in physical and mental health care is through patient effort in awareness building. We’re just starting to do this. For the moment, Western societies continue to test the body’s limits, like we’re doing to the environment, by the way, and we know the devastating effects of that. But things are changing. The same as with the environment, the way we look at the body and well-being is evolving, for the better.

“I think that, in 50 years, our societies will have understood the immense benefits to be gained from finding the proper balance between the demands of modern life and the limitations of biological reality. The work of building awareness will be behind us. Disease prevention resulting from the regular practice of physical activity and the adoption of a healthy lifestyle will be the norm. And when people look back, they will see the program that we just created at UdeM as a precursor of a new conception of wellbeing and of how to relate to this incredible asset that is our body.”

**LIBRARY SCIENCES OF TOMORROW**

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Ramzi Bosha, “La nécronée / The Necroborne” (detail). High fashion architectural complex that offers a different take on the human life cycle, from birth (coat of mail) to death (shroud).

A professor in the Faculty of Law, Vincent Gautrais has spent ten years studying the evolution of the Internet and the legal regulations that frame this virtual space that is virtually limitless. He designed www.cyberconsommation.ca, which features a chart for e-consumers and provides tips and information on the legal recourse available to them.

“Following the oral and print traditions, we are entering the digital era – and the era of falsification. Digital reproduction technologies make fakes commonplace and considerably extend digital reproduction’s field of application. This raises countless questions concerning legality: What is a written document? How do you verify a digital source? What’s the source of what we’re reading? Inevitably, law in the 21st century will be a mongrel law founded on sciences that are not solely of a legal nature. Much more than today, e-commerce law will have to call on experts to render justice. And it will have to respond to the security concerns of populations, which is the realm of all legal systems.”

“Philanthropy of tomorrow will be the militant expression of an individual commitment.”
A law graduate, Ugo Dionne left his profession for the business world. Along the way, this laureate of the Award for Student Contribution to Faculty Life and former president of the Montreal Junior Board of Trade discovered the virtues of commitment and founded Bénévoles d’affaires, a networking service for business people seeking causes to support.

A professor in the Faculty of Nursing, Francine Ducharme holds the Desjardins Research Chair in Nursing Care for Seniors and their Families. This chair, the first of its kind in Canada, is celebrating its 10th anniversary.

“Population aging in Quebec is already a reality. It is estimated that by the middle of the century, 30% of Quebeckers will be age 65 and older, compared to 5.8% in 1961. The demand for nursing care will skyrocket, and the State will be powerless to meet the demand.

“In this context, families will be expected to play a growing role in the provision of care to the elderly. Already, 90% of the aid to people losing their autonomy is performed by caregivers who we erroneously qualify as ‘natural’ – and who are in reality family members providing care. That said, close relatives can’t assume the responsibility of providing care to the elderly all on their own.

“That’s why, in the coming years, we will see informal support networks set up and new forms of community and intergenerational solidarity. We can even look ahead to the creation of care-providing cooperatives adapted to an aging population. The great challenge of our society will be to support not only the elderly but all those who come to their assistance.”
Education student Damir Metz-Fleury is completing the four-year bachelor’s degree that will allow him to teach at preschool and primary school levels starting next September. He spent last year in Senegal as part of the Teranga project that enables future teachers to perform their work term abroad. A few months before starting class, this active member of the UdeM Improvisation League confessed he went into teaching for a single reason: to transmit a love of learning to the very youngest of students.

“I’d put the question differently: what will a class be like in 10 years? The class of the future will have fewer students and more things: laptops, tables reserved for specific tasks, sinks, etc. Spaces will be specially set up for kinetic activities and reading. The acoustics will reduce the decibel level and soundproofing will save us from outside noises. The desks will be more functional and designed to hold students’ new tools. Teachers will continue to give courses involving lectures, but they will be more a guide than a teacher. And, as is the case in Ontario today, they will belong to a teachers’ association, the creation of which in Quebec will professionalize pedagogy as a career.

“But the biggest change will affect the teacher’s best friend – the blackboard. Writing on the blackboard while looking at the class is the teacher’s daily lot, yet it is a position that defies the rules of ergonomics and poses all sorts of problems when it comes to explaining the material. Well, the technology already exists to replace the traditional twosome of ‘blackboard and chalk’ with a tactile, interactive whiteboard that greatly facilitates interaction with the group. Thanks to this interface, the professor can save a written lesson and the student can move objects onscreen, something which will be particularly useful in geometry classes. The board of the future will be nothing if not digital.”

Geneviève Pagé is the only Quebecker among the fifteen Canadian doctoral students awarded a Trudeau Scholar Prize from the prestigious Pierre Elliott Trudeau Foundation in 2007. Attached to the Group for Research and Action on the Victimization of Children – Research Alliance on Children’s Development within the Community, she studies the adoption process of children under the care of the Quebec Department of Youth Protection.

“Adoptions take place informally. There is no doubt that is behind the culture of secrecy surrounding adopted children’s biological origins. These days, this seal of confidentiality is being challenged. In Western societies, we recognize the importance of seeking roots in the identity development of adopted children. Moreover, international adoption, which is on the rise, is helping change our approach, as it is obviously impossible to hide their roots from a Chinese or Kenyan baby adopted by parents from Quebec.

“Quebec adoption laws date from 1924. They no longer correspond to our reality and they will have to be amended in the next few years. The ‘open adoption’ formula, which relaxes legal agreements between the biological family and the host family, is already prevalent in the Anglo-Saxon world and tends to impose itself on most Western societies. Quebec is no exception and, within ten years, we can expect the adoption law to become significantly more flexible. This will be in the best interests of the 300 or so Quebec children adopted every year.”
Computing.

Network of High-Performance Computing.

Canada to the Quebec Network of High-Performance Computing.

The international consortium known as the Public Population Project in Genomics (P3G) has received $34.5 million in funding from the governments of Quebec and Canada, as well as private and public partners, to launch a DNA Bank of the Quebec population. The Consortium includes the CARtGÉNE project, in which UdeM is participating, and will keep Quebec in the forefront of genomic population research.


The University of Montreal launched a mini-med school that grew out of Les Belles Soirées and the Faculty of Medicine. Modelled on other Canadian mini-med schools, this new program offers a lecture series on topical medical subjects tailored to the general public.

In October, UdeM held the founding conference of the International Forum of Public Universities (IFPU). A UdeM initiative, IFPU brings together 22 public universities that are widely recognized for the importance they give to research and their contributions to societal development. The University of Beijing will host the next conference, to be held in November 2008.

The UdeM land use project on the site of the Outremont marshalling yard won the Award for Planning Excellence in the Category of Urban Design awarded by the Canadian Institute of Planners. This honour, the only awarded in Quebec of the twelve conferred in 2007, underscores the high quality of the UdeM planning project designed by Provencher Roy + associés architectes.

The Université de Montréal is the main partner of the Shawinigan Family Medicine Unit inaugurated in the fall of 2007. During its first year, the $1.8 million project welcomed six resident physicians under the supervision of the Faculty of Medicine. The unit will allow these students to develop their versatility, an essential quality for doctors practicing in remote areas.

UdeM offers 350 Quebec scientists access to the most powerful shared memory supercomputer in the country, the Altix 4700. Featuring 384 dual-core processors and 1536 GB of RAM, the computer was acquired thanks to a major donation in kind from SGI Canada. The UdeM supercomputer in the country, powerful shared memory offers researchers online access to Canadian research and academic initiatives.

The three funded projects in collaborative genomics research are all directed by researchers attached to UdeM: Dr. Jean-Claude Tardif and Michael S. Phillips (Montreal Heart Institute), Daniel Lamarre and Sylvain Meloche (Institute for Research in Immunology and Cancer) and Dr. Rafick-Pierre Sekaly (CHUM).
In May 2007, the Canadian Institutes of Health Research announced that $217 million would be allocated to 589 health research projects across Canada. UdeM was awarded the lion’s share, with 40% of all grants awarded in Quebec: $31,171,308 for 59 research projects.

NeuroScience Canada awarded a grant of $1.5 million dollars to pharmacology professor Louis-Éric Trudeau for his research project on the genes responsible for Parkinson’s disease. This work will benefit from the latest scientific innovations to better understand how brain cells can regenerate.

Sylvain Cousineau, Marlène Bourque and Audrey Laberge of the Faculty of Environmental Design were members of the interuniversity student group Team Montreal that took part in the Solar Decathlon held in Washington. Their project, a building dubbed Lumen-Essence powered entirely by solar energy, earned them eighth place in this prestigious international contest.

Recognized as one of the first Canadian composers to fully exploit computer music resources, Professor Jean Piché of the Faculty of Music designed an interactive application, TamTam, that makes it possible to compose and interpret music in a group. TamTam software will be installed on the XO computers that could be distributed to 250 million students in developing countries through the One Laptop per Child project.

On September 24, 2007, Ségolène Royal delivered a lecture at the invitation of the Centre for International Studies at the Université de Montréal. The presidential candidate in the last French election spoke to an attentive audience of more than 1,000 and shared her views on the Francophonie, a theme dear to UdeM where more than 80% of its 6,000 foreign students come from French-speaking countries.

The Centre of Excellence for Early Childhood Development launched the Encyclopedia on Early Childhood Development online. This now virtual essential reference work was designed in collaboration with renowned international experts to facilitate access to knowledge on childhood development for health care professionals and the parents of children, from the time they are born to age five.

For one of his projects to complete his studies in industrial design, Sébastien Dubois of the Faculty of Environmental Design was recognized as one of the first Canadian composers to fully exploit computer music resources. Professor Jean Piché of the Faculty of Music designed an interactive application, TamTam, that makes it possible to compose and interpret music in a group. TamTam software will be installed on the XO computers that could be distributed to 250 million students in developing countries through the One Laptop per Child project.

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Thirteen million dollars for medical research

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For one of his projects to complete his studies in industrial design, Sébastien Dubois designed an ergonomic prosthesis that gives one-legged people motor skills that are almost equivalent to two-legged walking. This prosthesis can be made for $10 in developing countries, where thousands of people are mutilated every year by antipersonnel land mines.
AS AT MAY 31, 2007
INCOME STATEMENT AND STATEMENT OF CHANGES IN FUND BALANCES

GENERAL

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<th>OPERATING FUNDS</th>
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<th>Capital assets fund</th>
<th>Endowment fund</th>
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<td>Capital expenditures financed by other funds</td>
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<td>Other</td>
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EXPENSES

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<td>47,238</td>
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<td>Change in fair value of derivative financial instruments</td>
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<td>–</td>
<td>915</td>
<td>(4,866)</td>
<td>–</td>
<td>–</td>
<td>915</td>
<td>(4,866)</td>
<td></td>
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</tr>
<tr>
<td>Write-down of capital assets intended for sale</td>
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<td>–</td>
<td>1,880</td>
<td>–</td>
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<td>1,880</td>
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</tbody>
</table>

EXCESS (DEFICIENCY) OF REVENUE

<table>
<thead>
<tr>
<th>OVER EXPENSES</th>
<th>OVER EXPENSES BEFORE OTHER ITEMS</th>
<th>ADJUSTMENTS TO THE “VOLUNTARY SEPARATION PLAN”</th>
<th>WRITE-OFF FROM AMOUNT RECEIVABLE</th>
<th>EXCESS (DEFICIENCY) OF REVENUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ (13,994)</td>
<td>(13,982)</td>
<td>(12)</td>
<td>(3,337)</td>
<td>$ (13,994)</td>
</tr>
<tr>
<td>(10,892)</td>
<td>(10,892)</td>
<td>(12)</td>
<td>(3,337)</td>
<td>(10,892)</td>
</tr>
<tr>
<td>$ (5,564)</td>
<td>$ (5,564)</td>
<td>(12)</td>
<td>(3,337)</td>
<td>$ (5,564)</td>
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<tr>
<td>(21,141)</td>
<td>(21,141)</td>
<td>(12)</td>
<td>(3,337)</td>
<td>(21,141)</td>
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<tr>
<td>(34,869)</td>
<td>(34,869)</td>
<td>(12)</td>
<td>(3,337)</td>
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<tr>
<td>$ (18,130)</td>
<td>$ (18,130)</td>
<td>(12)</td>
<td>(3,337)</td>
<td>$ (18,130)</td>
</tr>
</tbody>
</table>
In 2007, there were 5,692 international students from more than a hundred countries at UdeM and its affiliated schools.

**DISTRIBUTION OF INTERNATIONAL STUDENTS BY CONTINENT**

- 57.0% Europe
- 23.1% Africa
- 9.1% Asia
- 6.8% North and Central America
- 3.9% South America
- 0.1% Oceania

**GROWTH OF THE STUDENT POPULATION**

<table>
<thead>
<tr>
<th>Year</th>
<th>UdeM</th>
<th>UdeM+</th>
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<td>2002</td>
<td>36,280</td>
<td>52,631</td>
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<tr>
<td>2003</td>
<td>37,705</td>
<td>54,465</td>
</tr>
<tr>
<td>2004</td>
<td>38,959</td>
<td>55,150</td>
</tr>
<tr>
<td>2005</td>
<td>39,258</td>
<td>55,399</td>
</tr>
<tr>
<td>2006</td>
<td>39,178</td>
<td>55,791</td>
</tr>
<tr>
<td>2007</td>
<td>39,421</td>
<td>56,530</td>
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</table>

UdeM+ includes École Polytechnique and HEC Montréal

**GROWTH IN GRADUATION**

<table>
<thead>
<tr>
<th>Year</th>
<th>UdeM</th>
<th>UdeM+</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001-2002</td>
<td>5,820</td>
<td>8,406</td>
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<tr>
<td>2002-2003</td>
<td>5,425</td>
<td>8,170</td>
</tr>
<tr>
<td>2003-2004</td>
<td>5,743</td>
<td>9,307</td>
</tr>
<tr>
<td>2004-2005</td>
<td>6,455</td>
<td>10,142</td>
</tr>
<tr>
<td>2005-2006</td>
<td>7,336</td>
<td>10,630</td>
</tr>
<tr>
<td>2006-2007</td>
<td>7,574</td>
<td>10,632</td>
</tr>
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</table>

UdeM+ includes École Polytechnique and HEC Montréal

**DEGREES AWARDED**

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Bachelor's</th>
<th>Master's</th>
<th>Doctorates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts and Science</td>
<td>2,155</td>
<td>751</td>
<td>134</td>
</tr>
<tr>
<td>Continuing Education</td>
<td>213</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Dentistry</td>
<td>83</td>
<td>11</td>
<td>–</td>
</tr>
<tr>
<td>Education</td>
<td>407</td>
<td>255</td>
<td>17</td>
</tr>
<tr>
<td>Environmental Design</td>
<td>229</td>
<td>122</td>
<td>8</td>
</tr>
<tr>
<td>Graduate Studies (faculty programs)</td>
<td>–</td>
<td>145</td>
<td>13</td>
</tr>
<tr>
<td>Kinesiology (Department of)</td>
<td>80</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>Law</td>
<td>314</td>
<td>185</td>
<td>6</td>
</tr>
<tr>
<td>Medicine</td>
<td>515</td>
<td>395</td>
<td>71</td>
</tr>
<tr>
<td>Multifaculty Programs</td>
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<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Music</td>
<td>105</td>
<td>77</td>
<td>13</td>
</tr>
<tr>
<td>Nursing</td>
<td>376</td>
<td>70</td>
<td>3</td>
</tr>
<tr>
<td>Optometry (School of)</td>
<td>38</td>
<td>20</td>
<td>–</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>151</td>
<td>93</td>
<td>6</td>
</tr>
<tr>
<td>Theology and Religious Studies</td>
<td>7</td>
<td>13</td>
<td>2</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>84</td>
<td>62</td>
<td>5</td>
</tr>
<tr>
<td>UNIVERSITÉ DE MONTRÉAL</td>
<td>6,898</td>
<td>3,185</td>
<td>349</td>
</tr>
<tr>
<td>POLYTECHNIQUE</td>
<td>673</td>
<td>347</td>
<td>54</td>
</tr>
<tr>
<td>HEC MONTRÉAL</td>
<td>1,146</td>
<td>825</td>
<td>13</td>
</tr>
<tr>
<td>TOTAL</td>
<td>8,718</td>
<td>3,832</td>
<td>416</td>
</tr>
<tr>
<td>GRAND TOTAL</td>
<td>10,632</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

This total does not include students who earned a module, an undergraduate or master’s level microprogram, or an undergraduate certificate or major.

**ALUMNI ORIGIN**

- 90% of Canadian origin
- 10% of foreign origin

- Of the 74,412 students who earned a diploma from UdeM between 1998 and 2007, 10% came from a country other than Canada.

**REGULAR STUDENTS**

**FALL 2007 SEMESTER**

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Bachelor's</th>
<th>Master's</th>
<th>Doctorates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts and Science</td>
<td>2,155</td>
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<td>134</td>
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<tr>
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<td>213</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Dentistry</td>
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<td>11</td>
<td>–</td>
</tr>
<tr>
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<td>17</td>
</tr>
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<td>122</td>
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</tr>
<tr>
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<td>–</td>
<td>145</td>
<td>13</td>
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<tr>
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<tr>
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<td>395</td>
<td>71</td>
</tr>
<tr>
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<td>312</td>
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</tr>
<tr>
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<td>77</td>
<td>13</td>
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<tr>
<td>Nursing</td>
<td>376</td>
<td>70</td>
<td>3</td>
</tr>
<tr>
<td>Optometry (School of)</td>
<td>38</td>
<td>20</td>
<td>–</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>151</td>
<td>93</td>
<td>6</td>
</tr>
<tr>
<td>Theology and Religious Studies</td>
<td>7</td>
<td>13</td>
<td>2</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>84</td>
<td>62</td>
<td>5</td>
</tr>
<tr>
<td>UNIVERSITÉ DE MONTRÉAL</td>
<td>6,898</td>
<td>3,185</td>
<td>349</td>
</tr>
<tr>
<td>POLYTECHNIQUE</td>
<td>673</td>
<td>347</td>
<td>54</td>
</tr>
<tr>
<td>HEC MONTRÉAL</td>
<td>1,146</td>
<td>825</td>
<td>13</td>
</tr>
<tr>
<td>TOTAL</td>
<td>8,718</td>
<td>3,832</td>
<td>416</td>
</tr>
<tr>
<td>GRAND TOTAL</td>
<td>10,632</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

This total does not include students who earned a module, an undergraduate or master’s level microprogram, or an undergraduate certificate or major.

* Includes students counted in the “Multifaculty Programs” column who are administered by the Faculty of Continuing Education. In the Fall 2007 Semester, the total number of these students was 997. However, they are included only once in the total.
26.5% of our students are enrolled in graduate studies, the highest proportion in Canada.

**Distribution of Students by Program Level**
- 73.5% Undergraduate
- 19.5% Master's
- 7.0% Doctoral

**Programs**

**New Programs, New Knowledge**

**Undergraduate**
- Bachelor’s in Industrial Design
- Bachelor’s in Interior Design
- Certificate in Cyber Investigation
- Certificate in International Cooperation
- Certificate in Plastics Processes
- Certificate Leading to Accounting Professions
- Major in Medieval Studies
- Module “A Critical Approach to Christianity”
- Module “Evaluation of Health Interventions”
- Specialized baccalaureate bachelor's in English and French Literatures
- Specialized baccalaureate bachelor's in Scriptwriting and Literary Creation

**Graduate**
- Customized Master’s in Social Administration
- Doctorate in Psychoeducation
- Doctorate in Rehabilitative Sciences
- Executive Master of Business Administration (EMBA)
- Master’s in Rehabilitative Sciences
- Microprogram in Public Health
- Microprogram “Educational Scaffolding”
- Microprogram “Palliative Care – End of Life”
- Microprogram “University Teaching of Health Sciences”
- SGSD in Infection Prevention and Control
- SGSD in Practical Theology (health, spirituality and bioethics)

**Killam Research Fellowships by University**

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-2007</td>
<td>112</td>
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<tr>
<td>2005-2006</td>
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<td>2004-2005</td>
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<tr>
<td>2003-2004</td>
<td>42</td>
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<tr>
<td>2002-2003</td>
<td>41</td>
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</table>

**Teaching Personnel**

<table>
<thead>
<tr>
<th>Year</th>
<th>UdeM</th>
<th>Polytechnique</th>
<th>HEC Montréal</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-2007</td>
<td>1,975</td>
<td>237</td>
<td>262</td>
<td>2,474</td>
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<tr>
<td>2005-2006</td>
<td>1,802</td>
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<td>—</td>
<td>1,802</td>
</tr>
<tr>
<td>2004-2005</td>
<td>1,425</td>
<td>410</td>
<td>496</td>
<td>2,331</td>
</tr>
<tr>
<td>2003-2004</td>
<td>511</td>
<td>636</td>
<td>—</td>
<td>6,607</td>
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</table>

**Québec Research Funds**

<table>
<thead>
<tr>
<th>Year</th>
<th>UdeM</th>
<th>McGill</th>
<th>Laval</th>
<th>Sherbrooke</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-2007</td>
<td>32,880</td>
<td>15,341</td>
<td>7,563</td>
<td>—</td>
<td>—</td>
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<tr>
<td>2005-2006</td>
<td>3,879</td>
<td>3,543</td>
<td>1,941</td>
<td>—</td>
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</tr>
<tr>
<td>2004-2005</td>
<td>4,958</td>
<td>4,162</td>
<td>1,672</td>
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**Québec Exchange Students**

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
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</thead>
<tbody>
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<td>508</td>
</tr>
<tr>
<td>2005-2006</td>
<td>480</td>
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<tr>
<td>2004-2005</td>
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<tr>
<td>2003-2004</td>
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<tr>
<td>2002-2003</td>
<td>429</td>
</tr>
</tbody>
</table>
Distribution of Administrative and Support Staff

44% Teaching
26% Administration
21% Support for teaching and research
9% Self-funded services

Administrative and Support Staff
As at May 31, 2007

<table>
<thead>
<tr>
<th></th>
<th>UdeM</th>
<th>Polytechnique</th>
<th>HEC Montréal</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managers</td>
<td>343</td>
<td>70</td>
<td>51</td>
<td>464</td>
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<tr>
<td>Professionals</td>
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<td>90</td>
<td>147</td>
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<tr>
<td>Technicians</td>
<td>1,155</td>
<td>155</td>
<td>103</td>
<td>1,413</td>
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<tr>
<td>Clerical Personnel</td>
<td>432</td>
<td>220</td>
<td>181</td>
<td>833</td>
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<tr>
<td>Trade and Service Personnel</td>
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<td>120</td>
<td>57</td>
<td>513</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>3,185</strong></td>
<td><strong>655</strong></td>
<td><strong>539</strong></td>
<td><strong>4,379</strong></td>
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</table>

Research Income by University

<table>
<thead>
<tr>
<th>University</th>
<th>2005-2006 (in millions of dollars)</th>
<th>2006-2007 (in millions of dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toronto</td>
<td>$476.5</td>
<td>$547.2</td>
</tr>
<tr>
<td>UdeM+</td>
<td>$447.2</td>
<td>$517.0</td>
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<tr>
<td>UBC</td>
<td>$422.0</td>
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<tr>
<td>McGill</td>
<td>$397.1</td>
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<tr>
<td>Alberta</td>
<td>$331.6</td>
<td>$294.0</td>
</tr>
<tr>
<td>McMaster</td>
<td>$262.2</td>
<td>$252.0</td>
</tr>
<tr>
<td>Calgary</td>
<td>$259.0</td>
<td>$244.0</td>
</tr>
<tr>
<td>Laval</td>
<td>$226.0</td>
<td></td>
</tr>
<tr>
<td>Ottawa</td>
<td>$220.0</td>
<td></td>
</tr>
<tr>
<td>Western Ontario</td>
<td>$195.0</td>
<td></td>
</tr>
</tbody>
</table>

Canada Foundation for Innovation

<table>
<thead>
<tr>
<th>University</th>
<th>Number of projects</th>
<th>(in millions of dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Columbia</td>
<td>719</td>
<td>$260.7</td>
</tr>
<tr>
<td>UdeM+</td>
<td>356</td>
<td>$250.2</td>
</tr>
<tr>
<td>Toronto</td>
<td>481</td>
<td>$222.2</td>
</tr>
<tr>
<td>McGill</td>
<td>388</td>
<td>$201.8</td>
</tr>
<tr>
<td>Alberta</td>
<td>279</td>
<td>$183.0</td>
</tr>
<tr>
<td>Laval</td>
<td>226</td>
<td>$162.5</td>
</tr>
<tr>
<td>Western Ontario</td>
<td>204</td>
<td>$119.1</td>
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<tr>
<td>Calgary</td>
<td>188</td>
<td>$110.1</td>
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<tr>
<td>Ottawa</td>
<td>195</td>
<td>$102.0</td>
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<tr>
<td>Waterloo</td>
<td>172</td>
<td>$99.5</td>
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</table>

Revenues

<table>
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<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Canadian Institutes of Health Research</td>
<td>$67,097</td>
<td>$70,097</td>
</tr>
<tr>
<td>Natural Sciences and Engineering Research Council</td>
<td>40,740</td>
<td>$42,740</td>
</tr>
<tr>
<td>Canada Foundation for Innovation</td>
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<td>$26,229</td>
</tr>
<tr>
<td>Canada Research Chairs</td>
<td>19,343</td>
<td>$20,143</td>
</tr>
<tr>
<td>Social Sciences and Humanities Research Council</td>
<td>14,249</td>
<td>$14,249</td>
</tr>
<tr>
<td>Others</td>
<td>26,285</td>
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<tr>
<td><strong>SUBTOTAL</strong></td>
<td><strong>$194,043</strong></td>
<td><strong>$204,043</strong></td>
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<tr>
<td>Government of Quebec</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fonds de la recherche en santé du Québec</td>
<td>34,819</td>
<td></td>
</tr>
<tr>
<td>Fonds de contrepartie FCI</td>
<td>9,193</td>
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<tr>
<td>Fonds québécois de la recherche sur la société et la culture</td>
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<tr>
<td>Fonds québécois de la recherche sur la nature et les technologies</td>
<td>7,485</td>
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<td>Others</td>
<td>22,885</td>
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<td><strong>SUBTOTAL</strong></td>
<td><strong>$82,746</strong></td>
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<tr>
<td>Corporations</td>
<td>58,301</td>
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</tr>
<tr>
<td>NOT-FOR-PROFIT ORGANIZATIONS</td>
<td>50,602</td>
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<tr>
<td>FOREIGN ORGANIZATIONS</td>
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<td></td>
</tr>
<tr>
<td>Others</td>
<td>13,260</td>
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</tr>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td><strong>138,254</strong></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$415,043</strong></td>
<td></td>
</tr>
</tbody>
</table>

For the sixth time in seven years, UdeM has ranked 2nd among Canadian universities in terms of the volume of its research activities.

Thanks to the CFI and the Quebec government, UdeM is home to a great many scientific infrastructure projects, such as the Institute for Research in Immunology and Cancer, the Quebec Network for High-Performance Computing, the Canadian University Biodiversity Consortium and the Beaulieu-Saucier Pharmacogenomics Centre.

Libraries

<table>
<thead>
<tr>
<th></th>
<th>UdeM</th>
<th>Polytechnique</th>
<th>HEC Montréal</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HOLDINGS</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Volumes</td>
<td>2,498,479</td>
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<td>3,143,344</td>
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<td>Microforms and audiovisual documents</td>
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<td>37,913</td>
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<td>1,731,222</td>
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<td><strong>TOTAL HOLDINGS</strong></td>
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<td>4,874,566</td>
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<td><strong>SUBSCRIPTIONS</strong></td>
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<td>Periodicals</td>
<td>25,576</td>
<td>6,431</td>
<td>23,828</td>
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<td>Electronic periodicals only</td>
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<td>6,246</td>
<td>17,402</td>
<td>37,905</td>
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</table>

For the sixth time in seven years, UdeM has ranked 2nd among Canadian universities in terms of the volume of its research activities.

Thanks to the CFI and the Quebec government, UdeM is home to a great many scientific infrastructure projects, such as the Institute for Research in Immunology and Cancer, the Quebec Network for High-Performance Computing, the Canadian University Biodiversity Consortium and the Beaulieu-Saucier Pharmacogenomics Centre.
AWARD WINNERS

FONDS DE LA RECHERCHE EN SANTÉ DU QUÉBEC (CARRIER PRIZE)

Éric Laurendeau, researcher, Department of Sociomedical Sciences, Faculty of Medicine

FERNAND-BEGUIN SCHOLARSHIP

2007 Prix de la relève honouring the new generation

David Masse, graduating student, Certificate in Journalism, Faculty of Continuing Education

SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL OF CANADA

Aurora Prize

Yoel-Rinon Njogu, professor, Department of Social and Preventive Medicine, Faculty of Medicine

Pinealological Prize

Richard G. Delisle, Department of Philosophy, Faculty of Arts and Science

ACADEMIE DES SCIENCES MORALES ET POLITIQUES, PRIX PAUL VIGNE D'OCCTON (FRANCE)

Maurice Cusson, professor, School of Criminology, Faculty of Arts and Science

PRIX DU QUÉBEC 2007

Awards to researchers and students of the Université de Montréal and its affiliated schools in 2006-2007.

QUEBEC URBAN TRANSIT ASSOCIATION, ANTOINE-GRÉGOIRE PRIZE

Jean-Marc Roussinou, associate professor, Department of Computer Science and Information Systems Research, and co-founder of GIRI Inc.

MATHEMATIQUES SCAIENTIFIC INSTITUTE, CARL HIRSCH PRIZE

Rémis Leclercq, student, Department of Mathematics and Statistics, Faculty of Arts and Science

2007 ASSOCIATION FRANCOPHONE POUR LE SAVOIR (AFPS) AWARD

Prix Léon-Gérin, Richard E. Tremblay, professor, Faculty of Medicine and Department of Psychology, Faculty of Arts and Science

Prix Desjardins d'excellence for research students (doctorate)

Marie-Hélène Brouil, musicothérapist, Music School

QUEBEC MINISTRY OF EDUCATION, RECREATION AND SPORTS

Multi-Media Category

Richard E. Tremblay, professor, Faculty of Medicine and Department of Psychology, Faculty of Arts and Science

Gilbert Parent, clinical assistant professor, Faculty of Medicine (mention)

Class Notes or Complementary Course Material category

François Chicoine, assistant professor, Department of Psychology, Faculty of Arts and Science

Mathieu Pouliot, assistant professor, Faculty of Nursing (mention)

2007 UNIVERSITÉ DE MONTRÉAL AWARD FOR EXCELLENCE IN TEACHING

Lecture Category

Christian Meaug, lecturer, Faculty of Pharmacy

Assistant Professor Category

Marie Alderson, professor, Faculty of Nursing

Associate Professor Category

Pascal Renouf, professor, Department of Psychopathology and Andrology, Faculty of Education

Full Professor Category

Jacques Lauzier, professor, Department of Veterinary Biomedicine, Faculty of Veterinary Medicine

Royal Society of Canada

Academy of the Arts and Humanities

Monique C. Czarnik, professor, Department of Linguistics and Translation, Faculty of Arts and Science

Johnathon Lassonde, professor, Department of Art History and Film Studies, Faculty of Arts and Science

Academy of Social Sciences

Serge Brochu, professor, School of Criminology, Faculty of Arts and Science

Academy of Science

André Chavette, professor, Department of Chemistry, Faculty of Arts and Science

ALAIN D. BARTY

Director, European Sales and Staffs Operations, Ford of Europe

NICOLE BOURDAIS

President and CEO of The Quebec Women’s Network Inc. and the Women Entrepreneurial Center of Quebec

MARCIA ANN BOYD

Emeritus professor at the University of British Columbia

FRANCIS DHOMONT

French composer and musician

SHEILA PRAYNER

Auditor General of Canada

SERGE GOUIN

Founder and Chairman of the Board of CGI

RALPH E. GOMERY

President of the Sloan Foundation

GISELE HAMIUS

Lawyer and former Ambassador and Permanent Delegate of France to UNESCO

DAVID HUEBEL

Emeritus professor at Harvard University and Nobel Laureate in Medicine (1981)

JACQUES LANDREVILLE

President and CEO of Uni-Select Inc.

SÉBASTIEN LEGENDRE

French composer and musician

JOSEPH MARTIN

Dean of the Faculty of Medicine at Harvard University and Professor of Clinical Neurobiology and Neurosciences

ZAHRA MIRZA

President and general director of the New York Philharmonic

ALBERT MILLES

Actor and director

DANIEL POUND

Director of The Sea Around Us Project and the Fisheries Centre of the University of British Columbia

JACQUES BOUHADAD

Poet, mathematician and retired professor at the École des hautes études en sciences sociales of the Université Paris 10

XANDRA M. ROSSIGNOL

Feminist theologian and professor of Graduate Theological Studies at Berkeley University

HOWARD H. STEWARTSON

Holder of the Sanford Rock Chair in Business Administration at Harvard Business School

JANE WIDAL

Scientific Director of the Institut d’ économe industrielle and Director of the Fondation Jean-Jacques Laffont

DAVID SWIEZKI

Geneticist and environmentalist

THIERRY WOSZ

President and CEO of Hydro-Québec

SIMONE YOUD

Lawyer and Honorary President of the Foundation for the Memory of the Shoah

GEORGES YRISIFRÉ

Professor at the Université Paris 5 and specialist in the history of hygiene, health and bodily practices

CHRISTIAN VALLÉE

International educational consultant

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Director of Psychological Research, Faculty of Arts and Science

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CHRISTIAN VALLÉE

International educational consultant
TREATING BLINDNESS

In 2007, UdeM created the Charles-Albert Poissant Corneal Transplant Research Chair, the first chair exclusively dedicated to research into a treatment for blindness. The Chair’s $500,000 benefits from a personal donation of $225,000 from Mr. Poissant.

TARGETING LEUKEMIA

The Cole Foundation, a Montreal-based non-profit organization dedicated to advancing research, donated one million dollars towards the creation of a joint fellowship program at the Université de Montréal and McGill in support of leukemia research.

The name Des Grosseillers joins the list of philanthropists who have funded chairs at UdeM, and not once but twice! In less than one year, the president of Brault & Martineau, Yves Des Grosseillers, has financially supported two new research chairs. The first, the Roger-Dés-Groseillers Chair in Hepatobiliary and Pancreatic Surgery, created by Yves Des Grosseillers, has received $2,000 people every year in assistance from the CHUM.

In addition to a donation of securities, lawyer Gilles Pharand chose to give the Faculty of Law the $25,000 he received as winner of the prestigious Canadian General Counsel of the Year Award. The Gilles Pharand Foundation will fund a mobility scholarship program for students wishing to enhance their knowledge of business law abroad.

A GESTURE FOR BUSINESS LAW

A hearth of twice to Yves Des Grosseillers

The Bérard Chair in Interventional Cardiology, is co-funded by the Quebec City. The second, the Yves Des Groseillers Chair in Hepatobiliary and Pancreatic Surgery, created by Yves Des Groseillers, has received $2,000 people every year in assistance from the CHUM.

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A CHAIR IN SPINAL TRAUMATOLOGY

Aeroplan is giving CERIUM wings. Canada’s leading rewards program and loyalty-building company is donating $380,000 to the Centre for International Studies at the Université de Montréal (CERIUM) over the next two years in addition to one million Aeroplan miles.

The new chair will be devoted to the development of clinical and fundamental research in the field of spinal disorders, and will train residents and postdoctoral fellows.

A RACE FOR IRIC

Dr. Robert Patenaude, UdeM graduate and author of Survivre à la leucémie (Surviving Leukemia) raised $75,000 for the benefit of the Institute for Research in Immunology and Cancer by participating in the Spring 2007 Bermuda One-Two Yacht Race.

PHILANTHROPIC CHAIRS

Power Corporation of Canada Chair in Pharmacological Sciences
Research Chair in Meat Safety
Research Chair in Movement Sciences of the CHU Sainte-Jude and UdeM
Research Chair in New Nursing
Research Chair in Teaching Science and Technology

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The new chair will be devoted to the development of clinical and fundamental research in the field of spinal disorders, and will train residents and postdoctoral fellows.
HEC Montréal is Canada’s very first business school. Founded in 1907, it celebrated its 100th anniversary last year under the banner theme “Always at the Forefront.” It was the first business school in North America to have earned all three prestigious international accreditations: AACSB International (United States), AMBA (Great Britain) and EQUIS (Europe).

UNIVERSITÉ DE MONTRÉAL

Founded in 1878 and now a world-renowned leader in research and higher learning, Université de Montréal boasts 13 faculties and 65 departmental units. Its affiliated schools, École Polytechnique and HEC Montréal, are among Canada’s greatest. Deeply rooted in Montreal and dedicated to its international mission, Université de Montréal welcomes 56,000 students from around the world and awards more than 10,000 diplomas each year.

FACULTIES AND SCHOOLS

Faculty of Arts and Science
Faculty of Continuing Education
Faculty of Dentistry
Faculty of Education
Faculty of Environmental Design
Faculty of Graduate and Postgraduate Studies
Faculty of Law
Faculty of Medicine
Faculty of Music
Faculty of Nursing
Faculty of Pharmacy
Faculty of Veterinary Medicine
Department of Kinesiology
School of Optometry

ÉCOLE POLYTECHNIQUE

Founded in 1873, École Polytechnique is one of the largest engineering schools in Canada. It offers its 5,000 students a choice of more than a hundred engineering programs at all levels of study and provides a unique research environment.

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UNIVERSITÉ DE MONTRÉAL

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Jacques Pétreint
Vice-Provost and Vice-Rector – Planning
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e
Executive Vice-Rector
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HEC MONTRÉAL

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Vice-Chairman of the Board, Power Corporation of Canada
Dennis Sylvan
Student
Secretary of the Association of Continuing Education Students

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The Université de Montréal, together with its affiliated schools, HEC Montréal and École Polytechnique, is Québec’s foremost teaching and research hub in terms of student enrollment, research income and teaching staff.

The Université de Montréal is ranked second in Canada by Research Infosource, which rates universities according to their research income.

The Université de Montréal is the only Francophone university in North America to be rated among the world’s top 100 universities by the Times Higher Education Supplement.