

# Université Laval, a major university located in Quebec City

Since its founding, Université Laval has been training, equipping, and guiding the decision makers who've grappled with the major issues of society. Through the advancement and sharing of knowledge, its culture of excellence, and its openness to the world, our academic community contributes to the development and international profile of our province. In 2010, with the world at a crossroads, Université Laval plays a bigger role than ever in Quebec City and on the national and international scene, both as a catalyst for change and a visionary institution where knowledge, creativity, and innovation are part of everyday life. Here and everywhere.

## Mission

As the first French-language university in the Americas, open to the world and committed to the highest standards, Université Laval contributes to the advancement of society:

- > by training skilled, responsible individuals who promote change;
- > by advancing and sharing knowledge in a high-energy research and development environment.



UNIVERSITÉ  
LAVAL

Université Laval is a prestigious institution, anchored in Quebec society from its beginnings. It is inspired by its mission to educate and gather society together through the innovative spirit of its diverse community.

More than 240,000 graduates have mastered their skills here in every field of endeavor, building the world we live in today. And the process continues. In 2010, some 45,000 students, among them tomorrow's leading decision makers, have benefited from world-renowned programs of studies adapted to today's reality. These students will set forth to promote change in Quebec and throughout the world.

The professors and teaching staff provide our students, the core of our mission, with a cutting edge education centered on the acquisition of know-how and general skills. Our researchers extend the frontiers of knowledge, generate new ideas, and stimulate innovation.

Université Laval is opening up more and more to the world by intensifying its international programs, enriching not only our students' education but also the entire Quebec City community in which we are so involved. Our actions and decisions are also guided by the principles of sustainable development and the bedrock values of respect and cooperation within the university community.

Our vision is clear, strong, and shared. Université Laval is established as a catalyst for change both in Quebec and throughout the world.



Denis Brière  
Rector



# A major research university covering every field of knowledge

## › 5 main fields of study

Administration; arts, literature, and languages; health; science and engineering; human and social sciences

## › 3 study profiles

International; entrepreneurial; cooperative.

## › Some 45,000 students

- › Close to 2,500 regular professors and instructors
- › An updated selection of 384 undergraduate and graduate study programs

## › One-of-a-kind programs in the province of Quebec

Art and science of interactive animation, agroecomics, agronomy, forest management and environment, agri-environmental engineering, food engineering, water engineering, wood engineering, geomatics engineering, forest operations, food science and technology, geomatics, statistics, international development and humanitarian action, public affairs and international relations, anthropology and ethnology, sports intervention, consumer science

- › Nearly \$42 million disbursed to students annually in academic and research scholarships
- › 240,533 graduates since the university was founded
- › Over 8,635 diplomas and 745 certificates awarded per year, 27.6% at the graduate level
- › 450 distance courses, 90% online
- › 40 academic programs available entirely via distance learning
- › 75 on- and off-campus continuing education programs
- › Over 13,500 students registered annually for activities at Université Laval's language school
- › 3,967 people registered annually for one of some 110 activities offered by our Quebec City Seniors' University
- › 183 D.C.S.-BAC agreements in cooperation with colleges
- › Canada's leading French-language university for student satisfaction<sup>1</sup>
- › The only Québec university honored for the excellence of its International Profile<sup>2</sup>
- › One of the best university placement services in Canada

Some  
**45 000**  
students

**384**  
programs

**533**  
graduates

**\$42M**  
study scholarships

## A cutting-edge research and development university

- > The seventh-leading research university in Canada
- > \$280 million in funding for research and innovation, including 20% from private partners
- > Over 1,300 internationally renowned professor researchers
- > 79 Canada research chairs, 37 research centers, 225 research groups, and 8 institutes
- > 56 research and creation chairs in partnership with the private sector and various granting agencies
- > 605 patents, 70 licensing agreements, 25 spinoffs
- > **Only Canadian university managing 3 of Canada's 14 Networks of Centers of Excellence:** ArcticNet (Northern studies and climate change), GEOIDE (geomatics), and ICIP (optics-photonics)
- > **Our other areas of excellence:** the environment and sustainable development, agrifood, museology and digital culture, image and sound technologies, French-language culture and heritage in North America, classical studies, organizational and entrepreneurial sciences, materials and bioengineering sciences, nutraceuticals and functional foods, obesity research, cardiovascular and respiratory studies, infectiology and cancer research, tissue engineering, neurosciences and mental health, genomics and proteomics
- > The PAIR program, the most ambitious program for the advancement of innovation and research in Quebec: **\$100 million, 100 chairs** in 5 years, with 38% of the financial objective achieved in the first year



## A university open to the world

- >>>>>> Over 4,000 foreign students from 161 countries
- >>>>>> Almost 800 students studying abroad each year
- >>>>>> **607 interinstitutional agreements** with 443 universities in 64 countries
- >>>>>> 13% of all graduates with experience of international study or placements
- >>>>>> 48 alumni associations throughout the world
- >>>>>> International cooperative projects



## A university involved in its community

- >>> Active participation by its members in the major debates of society and the cultural, economic, and social life of its community
- >>> Over 700 research contracts with governmental and private organizations
- >>> Over 423 startups established through Entrepreneuriat Laval
- >>> **Major socioeconomic spinoffs:** a total payroll of close to \$435 million divided among some 11,000 permanent and nonpermanent employees; annual goods and services purchases of \$176 million; a building inventory estimated at \$1.4 billion; capital investments of \$600 million over the past 20 years with \$400 million more planned over the next 5 years; equipment and capital property worth close to \$1 billion; 1,000 rooms available for summer season hotel accommodation in our residences



## A model university environment for living and academics

- >>>>>> Over 200 student organizations
- >>>>>> Hundreds of cultural, scientific, and athletic activities
- >>>>>> Recognition activities for students, professors, and graduates
- >>>>>> Interschool competitions (Formula SAE, Model United Nations Assembly, the Entrepreneurial Games, and more)
- >>>>>> 14 athletic clubs under the Rouge et Or varsity athletic excellence program
- >>>>>> **A major university complex** covering 1.8 square km in the heart of Quebec City, nearly 40 buildings connected by over 5 km of underground corridors, a 5-million document library, 4 university residences totaling 2,400 rooms, one of the largest university sports centers in Canada, known as PEPS, 2 off-campus buildings, one in the Old City and the other in the Saint-Roch district
- >>>>>> **First non-English-speaking university in the world** to receive AACSB International certification for its Faculty of Administration Sciences. Also certified by EQUIS, this Faculty is part of a select group of some 60 schools worldwide that are certified by both bodies out of a total of 11,000 management schools
- >>>>>> **Centre Apprentiss**, a simulation center featuring some 30 cutting-edge laboratories that recreate a clinical environment and take an interprofessional approach to promoting skills development in the health sciences



## A modern university committed to sustainable development

- >>>> First large Canadian university to obtain "Sustainable Campus" certification from the Sierra Youth Coalition
- >>>> The first university in Quebec to adopt a **sustainable development policy**, backed up by a \$2 million fund
- >>>> 136 courses, 43 educational programs, and over 100 research projects relating to the environment and sustainable development
- >>>> 40% of research and creation chairs are tied to one of the university's sustainable development policy issues
- >>>> First fully wireless campus in Quebec
- >>>> An energy efficiency program targeting a 20% reduction in energy consumption over 5 years
- >>>> The only university residence services in Quebec to obtain Green Institution status through the *Établissement vert Brundtland* program
- >>>> **Virage Santé**, a program to promote a healthy eating environment
- >>>> Green space, woods, and recreational areas covering over 75% of the campus



## Université Laval, a story of excellence and innovation

- 1663** Founding of Séminaire de Québec by Monseigneur de Laval.
- 1867** Université Laval has graduated more leaders of the country and province than any other institution since confederation. Prime ministers of Canada with Université Laval degrees have led the country for a total of 27 years, 6 months. Premiers from Université Laval have been in power in Quebec for 74 years.
- 1878** A Montreal branch opens. About 40 years later, this campus becomes Université de Montréal.
- 1907** Founding of the first university-level surveying school in North America.
- 1910** First French-language university in North America to open a School of Forestry. Still today, Université Laval is the only Québec university to train forest and wood engineers.
- 1946** Founding of the first Quebec psychosocial center for children with social adaptation problems.
- 1972** The Faculty of Pharmacy is the first in Canada to add a mandatory clinical internship to its program. Today all pharmacy training programs in Canada include clinical internships held in hospitals or community pharmacies.
- Development of a test for congenital hypothyroidism in newborns makes it possible to treat affected children in the first days of life, thus preventing mental disability.
- 1974** First epidemiological study in Canada. The study sought to determine predisposing factors for cardiovascular diseases.
- The Répertoire de vedettes-matière, developed by Université Laval Library specialists, is adopted as a national standard for indexing in French by Library and Archives Canada.
- 1979** Creation of wheat cultivars better adapted to Quebec's climate and soils.
- 1984** Operation Red Nose is launched. This original road safety campaign to prevent impaired driving features a ride-home service and is established throughout the country as well as in Europe.
- Université Laval student Bernard Labadie founds Les Violins du Roy, a chamber orchestra that gains worldwide recognition.
- 1985** First test-tube baby in Quebec.
- 1996** The Faculty of Nursing Sciences becomes the first health sciences faculty in the province to make the course *Working on an Interdisciplinary Team* mandatory for its bachelor's program.
- 1998** Construction of the first entirely natural human blood vessels. The vessels are functional, highly resistant, and able to regenerate and repair themselves in the body.
- 2000** Development of a rapid test for Group B streptococcus. The test, produced by a Quebec company, is now sold throughout the world.
- 2002** Creation of the first research chair on religion and spirituality in North America, the Chair in Religion, Spirituality, and Health.
- 2004** Inauguration of the Centre de neurophotonique.
- 2006** Creation of Centre d'excellence pour la santé buccodentaire et le vieillissement, the only center of its kind in Quebec and a leader in gerodontology throughout North America.
- 2007** Université Laval ranks first among French-language universities and fourth among Canadian universities for its work on biodiversity loss, conservation, and restoration, according to the scientific review *Conservation Biology*.
- The first university center for experimental museology, LAMIC, opens. The country's only facility of its kind, the lab will make it possible to study means of cultural transmission as experienced in museums.
- 2008** Development of a method for selecting eggs with the best chance of leading to successful pregnancy after *in vitro* fertilization. A worldwide patent is pending.
- 2009** Discovery of a type of immune cell that acts to limit damage to the brain following a stroke in mice.
- 2010** For a second consecutive year, Université Laval hosts the Vanier Cup. In 1994, Université Laval reintroduces football to French-language universities in Quebec with the creation of the Rouge et Or Football Club. Since then, the club has won the Dunsmore Cup eight times at the provincial level, and the Vanier Cup five times at the national level.

Université Laval,  
people  
and ideas  
that are changing  
the world.  
Here  
and everywhere.



Photos: Steve Deschênes, Marc Robitaille, Amélie Dionne, Université Laval

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