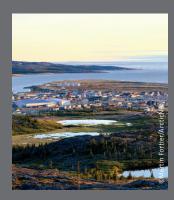
4 MAJOR COMMUNITY-BUILDING INITIATIVES



INSTITUT NORDIQUE DU QUÉBEC

Institut nordique du Québec, Laval, McGill University, and Institut national de la recherche Ouébec's best talent in northern and Arctic research. This numerous public and private ern Québec.

ing.ulaval.ca



ALLIANCE SANTÉ QUÉBEC

brings together major healthance was established at the able health perspective.



chairs, international joint research units, a PhD program, a graduate scholarship and

SENTINEL

NORTH

ulaval.ca/sentinelle-nord



ALLIANCE CULTURE+ NUMÉRIQUE

interested in developing and and digital technology. The Alliance forges links between digital technology to facilitate



Université Laval, one of Canada's leading research universities, proudly upholds a tradition of excellence dating back to its founding in 1852. Characterized by openness, innovation, and faculty engagement, UL pushes the frontiers of knowledge in numerous fields of study.

RESEARCH AND INNOVATION AT UNIVERSITÉ LAVAL

IN 2017-2018

206 Portfolio of chairs

4,100

More than

4,100 active

research projects

Canada Excellence **Research Chairs**

43,000 (26% at the graduate level) 2,197 master's degrees and 345 PhDs awarded

586 international partnerships

1,620 faculty member

1,500 of whom receive research funding

A DRIVING FORCE FOR RESEARCH

Université Laval has been one of Canada's top universities for over ten years running. With \$356 million in research funding, it ranks 8th among the 50 leading research universities in the country.







SOME OF THE MOST GENEROUSLY **FUNDED RESEARCH CHAIRS** IN THE WORLD

The Canada Excellence Research Chairs (CERC) program was created to support research and innovation at Canadian universities. It provides up to \$10 million in funding over seven years so that world-renowned researchers can establish ambitious research programs. Few Canadian universities have CERC chairs, and even fewer have two; Université Laval has four.

- > CERC in Remote Sensing of Canada's New Arctic Frontier
- > CERC in Photonic Innovations
- > CERC in Neurophotonics
- > CERC in the Microbiome-Endocannabinoidome Axis in Metabolic Health

A COLLABORATIVE **CROSS-SECTORAL APPROACH**

Université Laval's 2015-2020 Research Development Plan builds on the strengths of UL researchers and their ability to innovate within the framework of cross-sectoral partnerships. UL researchers are working to:

- > Promote sustainable health and well-being
- > Explain how humans develop in their environment
- > Understand societies, their cultures, and their arts
- > Model smart communities and invent their technologies
- > Manage and develop natural resources in a responsible manner
- > Consolidate and develop northern sustainability
- > Engage actively in ethics, sound governance, and social organization



AN INNOVATION-FRIENDLY INSTITUTION

With its 17 faculties and 277 research structures, Université Laval is a comprehensive university offering an environment that stimulates innovation in the health sciences, natural sciences and engineering, human and social sciences, and the arts.

THE POWER OF PARTNERSHIPS

Université Laval has a history of forging ties with the private and public sectors to facilitate the transfer of social and technological innovations to the broader community. UL's numerous partnership chairs testify to its capacity to innovate in a context of openness, exchange, and collaboration.





CHAIRS AS OF JUNE 2018

Canada Excellence Research Chairs

research chairs

Research Chairs

educational leadership chairs Sentinel North research chairs

A SUSTAINABLE VISION

Sustainable development is a core focus of 58% of our research chairs, centres, institutes, and groups.

STRUCTURES AND INFRASTRUCTURES (JUNE 2018)

- > 40 research centres recognized by the University Council
- > 3 affiliated research centres
- > 11 institutes
- > 206 research and teaching chairs
- > 5 associated international laboratories
- > 4 international joint units
- > 2 joint research units
- > 50 strategic groups funded by Fonds de recherche du Québec
- > Forêt Montmorency, the largest teaching and research forest in the world (412 km²), certified by the Forest Stewardship Council
- > Host institution for ArcticNet, the most generously funded network of centres of excellence in Canada (\$114 million)
- > Partner to 14 other networks of centres of excellence
- > Scientific leadership of the NGCC Amundsen (65 scientific systems and 22 labs on board)

KNOWLEDGE TRANSFER AND COMMERCIALIZATION (JUNE 2018)

- > 15 recent awards for innovations resulting from industry research partnerships
- > Québec member of the Canadian government's Centres of Excellence for Commercialization and Research (CECR) program in the field of natural products
- > 1 research development corporation, SOVAR
- > \$215,000 in Fonds de soutien à l'innovation sociale grants for 18 outstanding projects
- > 18 outstanding partnership initiatives honoured for their contribution to social innovation
- > 198 active licences
- > 192 patented technological innovations; 106 copyrighted original works; 53 biological materials and noteworthy varietals
- > 551 active or pending patents
- > 54 spinoff companies over the past 20 years, 20 of which are still in operation