

Canada Research Chair competitions (CRC)

GENERAL ANNOUNCEMENT

Faculté de foresterie, de géographie et de géomatique, Université Laval



An internal **Canada Research Chair (CRC)** competition – Tiers 1 and 2 for **NSERC, SSHRC, and CIHR** programs is currently open at Université Laval. The CRC program aims to attract and retain in Canada accomplished and promising researchers. The complete description of the competition at Université Laval is available [here](#).

[Université Laval](#) is a major university recognized for its culture of excellence in teaching and research, located in the heart of [Québec City](#), Canada, whose Old Québec City site is recognized as a World Heritage Site by UNESCO and a privileged living environment. Following its recruitment policies, notably the “Equal Employment Opportunity Program”, Université Laval promotes excellence in research and research training and guarantees equal opportunity to all candidates. It supports the principle that excellence and equity are compatible and complementary and that diversity in research is a source of innovation.

In 2020, Université Laval published a revised version of its Equity, Diversity, and Inclusion (EDI) Action Plan ([PDF, in French only](#)) with a view to increasing the representation of [women, persons with disabilities, members of visible minorities as well as Indigenous peoples](#) among Canada Research Chairholders at our institution (French only). To meet these commitments, **only candidates with the required skills AND who have self-identified as members of at least one of these four designated groups will be selected at the end of this competition**. Université Laval cannot submit other types of application profiles until its representation targets are met, following the requirements of the CRC Program. For further explanations on the justifications for these EDI commitments as well as to find out the representation gaps that the University must fill by 2029, we invite you to consult the [web pages dedicated to EDI](#) (French only) as well as those of the [CRC Program](#).

The [Faculté de foresterie, de géographie et de géomatique](#) (FFGG) [forestry, geography, and geomatics faculty] offers a unique concentration of teaching and research staff (± 200) and students ($\pm 1,400$) who work together to advance knowledge to enlighten and find innovative and constructive answers to the major challenges of environmental protection, sustainable development of the territory, the fight against climate change and social equity and justice. The FFGG coordinates training and research in five major fields of study (societies, territories, sustainable north, forest resources, and geospatial information), explored through a cross-sectoral approach (natural sciences, engineering, and social sciences) at the

intersection of digital and geospatial. The FFGG is also responsible for the largest teaching and research forest in the world, the [Montmorency Forest](#), a research laboratory where different actors converge.

Here are some examples of fields and specialties sought by the FFGG. **This list is not exhaustive**, but it is consistent with the strategic plan of the Faculty ([PDF, in French only](#)), its three constituent departments ([Wood and forest sciences](#), [Geography](#), and [Geomatics sciences](#)), [affiliated research centers](#), as well as the [strategic plan of Université Laval](#) [French web pages only]:

Transformation through digital technology

- Digital forestry: from the ecosystem to the market
- Smart buildings, cities, and territories
- Real-time, continuous (dynamic), 3D mapping and modeling
- Geoinformatics and processing of geospatial big data
- New measuring instruments and mobile sensors used in terrestrial, built, and maritime environments, as well as moving and ephemeral phenomena
- Dynamic and integrated management of georegulatory objects
- 3D digital territory surveying

Climate change and the environment

- Forestry development and the use of wood and its by-products as tools to reduce CO₂ emissions and fight climate change
- Adapted and resilient land-use practices
- Sustainable development in emerging and developing countries
- Terrestrial biogeography
- Paleoenvironments and geoarchaeology
- Forestry genomics
- Agroforestry

Vulnerability and risk management

- Causes and effects of natural disasters (e.g. wildfires, landslides, floods, permafrost thawing, coastal erosion) or man-made disasters (e.g. heat islands, pollution), both on land and water
- Sustainable health, population vulnerability: causes (e.g. social inequality) and effects (e.g. migrations)
- Land governance sensitive to natural and man-made risks and vulnerabilities

Community involvement

- Exchange, conciliation, and partnerships with Indigenous Peoples
- Land and property management practices as a source of sustainable development, health security, and social equity

Are you interested in this call for applications? Then do not hesitate to contact us for more information on the exact process of submitting your application. Don't delay, this is the right time to make yourself known!

Contact vice-decanat.recherche@ffgg.ulaval.ca

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