

Innovation Fund / Fonds d'innovation Backgrounder / Fiche d'information

British Columbia / Colombie-Britannique

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$98,409,218 to support 43 infrastructure projects in the province. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 98 409 218 \$ en vue d'appuyer 43 projets d'infrastructure dans la province.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI
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British Columbia Institute of Technology

* Multi-scale Remote Sensing: From Imaging to Immersive Communications (Simon Fraser University)	\$333,836
1 project / projet	\$333,836

Simon Fraser University

High-Momentum and High-Luminosity Muon Beamlines for Molecular and Materials Science and Fundamental Muon Physics	\$1,999,780
The Silicon Quantum Leap: Tools for Building a Universal Quantum Computer	\$4,401,597
Multi-scale Remote Sensing: From Imaging to Immersive Communications	\$2,646,164
Centre for Wearable Biomedical Technologies	\$3,328,305
ATLAS Tier-1 Data Centre	\$3,500,000
* National Facility for Seismic Imaging (Dalhousie University)	\$350,000
* The CRDCN Transition to High Performance Computing: Liberating Data for Research and Policy (McMaster University)	\$84,915
* Upgrades to the ATLAS Detector at the Large Hadron Collider (University of Toronto)	\$5,000,000
8 projects / projets	\$21,310,761

The University of British Columbia

4-probe Scanning Probe Microscope for Realizing Quantum Device Concepts Based on Emerging Materials	\$1,200,000
Accelerated Drug Discovery Using Clinical Translation (ADDUCT)	\$9,049,486
EPIC - Engineering Precision Immunotherapies for Cancer	\$4,027,924

* These funds are the share of multi-institutional projects for which the administrative institution is identified in parenthesis. The share of a CFI award refers to the CFI contribution for infrastructure to be sited at a collaborating institution and/or the collaborator's institutional envelope contribution to the project.

*Ces sommes représentent la portion des projets multiétablissements pour lesquels l'établissement administrateur a été identifié entre parenthèses. La contribution de la FCI est la portion servant à l'infrastructure devant être hébergée à l'établissement partenaire ou la portion de l'enveloppe de l'établissement partenaire consacrée au projet.

.../ The University of British Columbia

Biorefining Research and Innovation Centre (BRIC)	\$1,798,677
Innovation of Spinal Cord Injury Treatment and Translation	\$1,631,050
Quantum Materials Electron Microscopy Centre	\$4,942,756
TORCH (Towards Omics and Imaging to Revolutionize COPD and Asthma Health) in Canada	\$2,206,311
Advanced Imaging for Retinal Disease Investigation, Modeling, and Treatment	\$1,580,948
Multimodal Development of the CHIMERA Platform of Traumatic Brain Injury	\$4,549,881
Hybrid PET/MRI: An Integrated Approach to the Investigation of Brain Function in Health, Disease and Populations at Risk	\$4,346,250
BiMat: Synthetic Biology Enabled Materials Science for High Performance Biocomposites	\$4,472,892
CHIROs - Chirality Research on Origins and Separation	\$2,116,598
Beyond Traffic: Clean, Connected and Safe Transportation Testbed	\$4,638,178
Rare Isotopes for Cancer Therapy	\$3,953,640
A Search for Primordial Gravitational Radiation	\$1,646,918
* National Facility for Seismic Imaging (Dalhousie University)	\$350,000
* High-Momentum and High-Luminosity Muon Beamlines for Molecular and Materials Science and Fundamental Muon Physics (Simon Fraser University)	\$1,000,000
* The CRDCN Transition to High Performance Computing: Liberating Data for Research and Policy (McMaster University)	\$166,400
* Unlocking the Radio Sky with Next-Generation Survey Astronomy (University of Toronto)	\$983,074
* The Silicon Quantum Leap: Tools for Building a Universal Quantum Computer (Simon Fraser University)	\$3,200,133
* Canadian Pacific Robotic Ocean Observing Facility (University of Victoria)	\$800,000
* Facility for Development of Noble Liquid Detectors and Optical Readout for Subatomic Physics and Particle Astrophysics (Carleton University)	\$400,000
* Canadian Additive Manufacturing Network (Can-AMN): A Network for Holistic Innovation in Additive Manufacturing (University of Waterloo)	\$1,453,658
* Upgrades to the ATLAS Detector at the Large Hadron Collider (University of Toronto)	\$4,800,000
* Ultracold Neutron Electric Dipole Moment Experiment (The University of Winnipeg)	\$1,800,000
* Gemini IRMOS: The Pathfinder for the Thirty Meter Telescope's Infrared Multi-Object Integral-Field Spectrograph (University of Toronto)	\$387,741
26 projects / projets	\$67,502,515

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University of Northern British Columbia

* The CRDCN Transition to High Performance Computing: Liberating Data for Research and Policy (McMaster University)	\$30,000
* Ultracold Neutron Electric Dipole Moment Experiment (The University of Winnipeg)	\$200,000
2 projects / projets	\$230,000

University of Victoria

Canadian Pacific Robotic Ocean Observing Facility	\$3,000,000
Northern Cascadia Subduction Zone Observatory	\$2,446,600
* The CRDCN Transition to High Performance Computing: Liberating Data for Research and Policy (McMaster University)	\$47,765
* Upgrades to the ATLAS Detector at the Large Hadron Collider (University of Toronto)	\$2,800,000
* Gemini IRMOS: The Pathfinder for the Thirty Meter Telescope's Infrared Multi-Object Integral-Field Spectrograph (University of Toronto)	\$387,741
* National Facility for Seismic Imaging (Dalhousie University)	\$350,000
6 projects / projets	\$9,032,106

NOTE / À NOTER

As part of this announcement, an additional \$29,522,765 was awarded under the Infrastructure Operating Fund (IOF), a mechanism that assists institutions with the incremental operating and maintenance costs associated with the new infrastructure. / Cette annonce comprend l'attribution d'une somme additionnelle de 29 522 765 dollars du Fonds d'exploitation des infrastructures. Les établissements utilisent ces montants pour assumer une partie des coûts d'exploitation et de maintenance de la nouvelle infrastructure.

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