

**Leaders Opportunity Fund / Fonds des leaders  
Backgrounder / Fiche d'information**

**British Columbia / Colombie-Britannique**

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$4,031,998 to support 29 infrastructure projects in the province. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 4 031 998 \$ en vue d'appuyer 29 projets d'infrastructure dans la province.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI
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**Royal Roads University**

Nearshore Marine Research Boat	\$99,270
<b>1 project / projet</b>	<b>\$99,270</b>

**Simon Fraser University**

Institute for the Reduction of Youth Violence	\$250,000
<b>1 project / projet</b>	<b>\$250,000</b>

**University of British Columbia (The)**

Analysis Platform for Pathogen-Induced Cytokine Responses	\$132,306
Circuit and Behavioural Functions of Adult Hippocampal Neurogenesis	\$266,699
Clinically-Ready Touch-Based Therapeutic Robot and Assessment Tools	\$95,000
Computational Infrastructure for Defining Genomic Landscapes and Resolving the Clinical Impact of Somatic Mutations in Cancer	\$265,681
Computer-Numerically-Controlled Timber Processor	\$125,000
Creating an Innovative, Safe and Hygienic Space for Inner City Medicine Research in Vancouver's Downtown Eastside	\$125,000
Establishment of an Advanced Geomaterial Testing Laboratory (GTL)	\$123,191
Global Change in Forest Ecosystems	\$125,000
High-Speed PIV System for Advanced Electronic Cooling	\$124,645
High-Throughput Genotyping Instrumentation to Inform Population Genomic Applications to Wildlife Conservation and Fisheries Management	\$59,712
Innovative Approaches to the Diagnosis, Treatment and Prevention of Kidney Stone Disease	\$143,865

.../ **University of British Columbia (The)**

Integrative Clinical Cardiorespiratory Physiology Laboratory	\$125,000
Laboratory Upgrade: Centre for Infant Cognition	\$125,000
Laboratory of Epigenomics and Chromatin Biology	\$299,958
Longitudinal In Vivo Evaluation Platform	\$125,000
Micro Con Centre: Laboratory for Advanced Characterization of Small-Scale Flows and Structures	\$160,000
Microstructural Analytics Laboratory	\$115,181
Remote Sensing for Forest Carbon Accumulation and Assessment of Ecosystem Condition	\$71,661
Sex, Gender, and Cardio-Respiratory Limitations During Exercise in Health and Chronic Lung Disease	\$125,000
Sports Concussion Research Lab	\$118,810
Technologies to Explore and Exploit the Roles of Steroid-Binding Proteins in Health and Disease	\$59,713
The Functional Genomics Center for Algal Research (FGCAR): A Facility for Photosynthetic Microalgal Developmental and Sexual Life Cycle Research to Develop the Potential of Algal Biotechnology	\$124,880
The Sustainable Agricultural Landscape (SAL) Laboratory: A Facility for the Analysis of the Complex Ecological Processes in Landscapes Dominated by Agricultural Production	\$125,000
<b>23 projects / projets</b>	<b>\$3,161,302</b>

**University of Northern British Columbia**

Northern BC Near-Infrared Spectroscopy Research Laboratory	\$76,368
Portable Lidar System for Earth System Science	\$240,000
<b>2 projects / projets</b>	<b>\$316,368</b>

**University of Victoria**

New Laboratory for Aquatic Ecology and Biogeochemistry	\$92,000
High Country and Northern Weather Impacts Laboratory	\$113,058
<b>2 projects / projets</b>	<b>\$205,058</b>