

**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 \$2,821,904 to support 25 infrastructure projects. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 2 821 904 \$ en vue d'appuyer 25 projets d'infrastructure.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI
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Simon Fraser University

Fluorescence Imaging System for Studies of Mitochondria in Neuronal Injury	\$100,000
Forensic Spectrometry Laboratory (FSL)	\$80,000
2 projects / projets	\$180,000

University of British Columbia (The)

A Computer Cluster for Comparative Genomics	\$86,895
A High Throughput Platform for Functional Genomic Screening and Analysis	\$130,000
Applications of Geochemistry in Mineralogy and Petrology	\$101,822
Childhood Obesity Prevention Unit - Population Health and Policy Research	\$80,000
Deployable Digital Correlator and High Performance Computing Cluster for Cosmology	\$150,000
Distributed Database Laboratory	\$99,000
Facility for the Molecular Biology and Physiology of Insect Disease Vectors and Agricultural Pests	\$150,756
High Performance Proteomic Analysis of the Ubiquitin Proteasome System and Protein Quality Control	\$175,000
Identifying Mechanisms of Intracellular Cholesterol Transport and Apolipoprotein A-I-Cell Interactions Necessary to Increase Formation of Cardioprotective High Density Lipoproteins	\$152,580
Infrastructure for Developing Innovative and Sustainable Biological Systems to Treat Industrial and Emerging Contaminants in Wastewater and Waste	\$127,700
Innovative Water Management Strategies to Advance PEM Fuel Cell Technology	\$127,744



.../ University of British Columbia (The)

Laboratory for Neuroinformatics (LNI)	\$134,896
Laboratory of Cellular and Molecular Pharmacology: Novel Therapeutic Approaches to Neurodegenerative Disease	\$136,842
New Therapeutic Roles for Nitric Oxide and Myoferlin in High Blood Pressure and Tumor Growth	\$110,180
Smart Wheelchair Testbed for Provably Safe Human-Automation Interaction	\$95,968
Structure and Function of Calcium Channels	\$126,375
The Facility for Developmental and Cellular Imaging: In Vivo Analysis of Cell-Matrix Adhesion During Animal Development	\$124,999
17 projects / projets	\$2,110,757

University of Victoria

A Linux Development Cluster for Computational Methods in the Study of Functional Materials	\$40,000
Colour Science for Computational Photography	\$82,437
Earth Systems Ecology Laboratory (EASEL)	\$121,277
Microsystems and Sensors Laboratory	\$92,841
The Future of Exercise	\$104,413
VISION: A Research Facility for Computer Vision	\$90,179
6 projects / projets	\$531,147