

**John R. Evans Leaders Fund / Fonds des leaders John-R.-Evans
 Backgrounder / Fiche d'information**

British Columbia / Colombie-Britannique

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$7,035,134 to support 37 infrastructure projects in the province. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 7 035 134 \$ en vue d'appuyer 37 projets d'infrastructure dans la province.

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

Laboratory for 2D Material Device Fabrication	\$300,000
SEM Suite for the Characterization of Earth Materials	\$190,000
Software-programmable Heterogeneous Accelerator-rich Datacenters	\$100,000
Characterization and Radioactive Cellular Biology Suites for Discovery of Novel Metallic Radiopharmaceuticals	\$150,000
Next-generation Computing Infrastructure for Data-intensive Systems and Applications	\$100,000
5 projects / projets	\$840,000

University of British Columbia (The)

Memory Deconstruction Facility	\$125,000
Harnessing High Value Chemicals from Plants in Plant Bioactive Compounds Research (BioCoRe) Laboratory	\$159,999
Infrastructure for Advanced Transient Optical Spectroscopy and Microscopy of Photocatalysts	\$160,000
Global Metabolomics Laboratory at UBC	\$215,000
The CLean Energy hArvesting using Nanotechnology (CLEAN) Laboratory	\$125,000
The Genomic Basis of Sex Differences	\$471,228
Invertebrate Cryobiology and Ecophysiology Laboratory	\$125,000

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

Laboratory for MacroSystems Biology	\$200,000
Synapses, Circuits and Behaviour Phenotyping Platform: Targeting Pathogenic Mechanisms in Neurodegenerative Disease	\$75,001
Fibrosis as a Progenitor Disease: Novel Therapeutic Opportunities	\$343,424
Prevention of Severe Bacterial Infections in Children by Optimizing Protection Through Vaccination	\$125,000
PRISM: Programmable Interface for Simulation/Statistical Models	\$93,232
Ultra-low Temperature Facility for Quantum Simulators and Quantum Computers in Silicon	\$125,000
Comparative and Functional Cardiac Imaging Laboratory	\$125,000
Profiling, Imaging, and Mechanistic (PRIME) Characterizations of Transcription Factors to Improve Seed Traits	\$220,000
Multicellular Cell Division Imaging and Manipulation Laboratory	\$175,000
Characterizing the Structure and Mechanism of Microbial Systems	\$124,410
Integrated Microbiota Analyses Platform (iMAP)	\$240,000
Extension of the Translational Integrative Physiology Laboratory	\$225,000
Microwave Circuits and Systems for Sensing and Characterization	\$122,730
Next Generation Biodiversity Monitoring	\$84,000
Laboratory Infrastructure: the Anxiety Stress and Autism Program (ASAP)	\$124,582
The Collaborative and Experimental Ethnography Lab (CE2 Lab)	\$124,072
High-throughput System for Single Neuron Mesoscale Functional Connectivity in Mouse Models of Human Disease in Vivo	\$384,800
The Molecular Path: Connecting Biologic Insights to Improve Cancer Outcomes	\$800,000
The Biomedical Microbiome Research Laboratory: Investigating the Interrelations of Gut Microbiome with Dyslipidemia	\$125,000
Emotional Autobiographical Memory in PTSD	\$95,076
Advanced Organic Characterization for Optimization of Drinking Water Treatment	\$124,504
Transcriptional Memory and Plasticity in Embryonic Stem Cells	\$259,570
Cardiac Arrhythmias: From Mechanism to Structure-based Diagnosis	\$288,306
*SSHRC Partnership Grant Scaling up Interventions with Women Affected by Violence	\$40,000
31 projects / projets	\$6,024,934

** Funding for Research Infrastructure Associated with SSHRC Research Support
Financement de l'infrastructure liée au soutien à la recherche du CRSH*

University of Victoria

High-throughput Synthetic Organic Chemistry: Hands-on Generation of Experimental Big Data to Improve Human Health	\$170,200
1 project / projet	\$170,200

NOTE:

As part of this announcement, an additional \$2,110,540 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.

À NOTER :

Cette annonce comprend l'attribution d'une somme additionnelle de 2 110 540 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.