

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 \$9,266,357 to support 59 infrastructure projects in the province. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 9 266 357 \$ en vue d'appuyer 59 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

Improvements for the Fourier Transform Infrared Microspectroscopy Facility for the Archaeological Sciences	\$74,500
HIV Pathogenesis and Immunity Laboratory	\$250,000
A Comprehensive Experimental Laboratory for Microbial Ecology of Water Treatment	\$200,000
Quantifying Forest and Stream Water Sources and their Sensitivity to a Shifting Climate	\$155,000
Microscopy Infrastructure for Real-time Quantitative Imaging of Molecular Dynamics and Cellular Mechanics	\$200,000
Sustainable Low Carbon Fuels Research Lab	\$200,000
Computational Cinematography	\$200,000
Centre for the Systems Biology of Host-pathogen Interactions	\$150,000
Coordination of Robot Motion and Human-robot Interaction for Large-scale Multi-robot Systems	\$100,000
Centre for Infectious Disease Genomics and One Health	\$150,000
10 projects / projets	\$1,679,500

University of British Columbia (The)

Advanced MRI Hardware Laboratory	\$125,000
Advanced Co-Located Mobile Interaction Laboratory	\$77,140
Mining and Verifying Specification of Complex Software Systems	\$91,850
Environment Economics Research Unit	\$107,575
Targeted Inhibition of Oncogenic STAT3 Signaling using Cutting edge Chemical Biology Techniques	\$125,000
Hyperpolarized 129-xenon Paediatric Functional Magnetic Resonance Imaging	\$175,000

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

Naturalistic Neuroimaging of Child Psychiatric Disorders	\$124,319
Development of Crack-Resistant High Strength Aluminum Alloys for Laser Metal Deposition	\$125,000
RNA Enhancement And Clinical Translation (REACT) Platform	\$125,000
The RNA Regulation Laboratory (RRL): A platform for discovering the roles of RNA regulation in autism spectrum disorders	\$220,000
Sensory System Adaptions Through Electoreception: From Molecules to Behaviour	\$380,000
Single-molecule and Single-cell Microscopy Platform for Therapeutics Research and Development	\$462,446
Investigating Parent-Adolescent Dynamics in the Emotion Dynamics Lab	\$92,187
Advanced Infrared Spectroscopy System for the Mechanistic Study of Catalytic Carbon Oxide Reduction	\$125,000
Control and Instrumentation Infrastructure for High-speed Bearingless Motors Reserach	\$125,000
Modern Data Analysis Tools for Reaction Discovery and Development	\$125,000
Maximizing Value Creation from Canada's Forests	\$90,684
Cell Competition Analysis Platform	\$125,000
Persistent Symptoms After Concussion: Psychological Mechanisms and Treatment	\$125,000
Controlling the Reaction Environment in Sustainable Catalytic Processes to Produce Fuels, Chemicals, and Power	\$159,821
Site/ation Studio: Indigenous Land as Art	\$125,000
Toward Autonomy and Resilience of Control Systems Using an Industry 4.0 Platform	\$125,000
µXRF Mapping for Mineral Exploration and Mineral Processing	\$125,000
AI-driven Platform for Translating Precision Medicine Discoveries in Women's Cancers	\$325,000
Controlled-Environment Facility for Crop Pathology and Genetics Research (CEF-CPG)	\$125,000
Using fNIRS to Uncover Neurodevelopmental Difference arising from Prematurity	\$245,000
Advanced Bioproducts from Canadian Forests	\$400,000
The Experimental Linguistics and Fieldwork Lab	\$61,152
Beyond Ratings: A Neurophysiology Lab to Assess the Neurobiology of Pain	\$109,397
Multifunctional Borylenes for Metal and Boron-mediated Reactions	\$125,000
Healthy Brain Development in Preterm Infants	\$123,640
Innovations for Traumatic Brain Injury Rehabilitation	\$120,596
Laboratory for Emerging-research in Aerial Visual Extended Surveillance	\$116,854

... / University of British Columbia (The)

Critical Future Studio/Lab	\$116,800
Sonic Production, Intelligence, Research, and Applications Lab (SPIRAL)	\$106,222
Mapping the Virus-Immune Interactome	\$150,000
Musculoskeletal Health and Mobility Laboratory Infrastructure	\$125,000
37 projects / projets	\$5,730,683

University of Northern British Columbia

Integrated Analysis of Myelin Gene Expression at the DNA, RNA and Protein Level	\$99,459
Enhanced Infrastructure for Wood Building Vibration and Acoustics Research	\$99,979
2 projects / projets	\$199,438

University of Victoria

4-dimensional Imaging of Brain Structure and Function in Real Time	\$330,000
Protein Structural Biology and Molecular Interactions Facility	\$180,000
Public and Environmental Health Sequencing Facility	\$175,000
Orbitrap Modifications to Improve Performance for Biomedical Analysis	\$175,000
Infrastructure to Establish a Molecular Health Research Centre for Study of Public Health Priority Areas	\$310,000
EPR Characterization of Sensitive Chemical Species and Systems Under Inert and Controlled Illumination Conditions	\$120,000
An Adaptive Genomics Platform for Crop Improvement	\$100,000
Restoration Futures Laboratory (RFL)	\$64,873
8 projects / projets	\$1,454,873

Vancouver Island University

Tri-kingdom Eco-evolutionary Dynamics and Implications for Conservation	\$142,434
The View from 2117: Human Actions, Consequences and Perspectives on Mountain Regions	\$59,429
2 projects / projets	\$201,863

NOTE:

As part of this announcement, an additional \$2,779,907 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 2 779 907 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.