

John R. Evans Leaders Fund

Alberta

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$5,000,617 to support 23 infrastructure projects in the province.

Project Title	Maximum CFI Contribution
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Athabasca University

Integrated Microbioreactor Laboratory Platform for Enhanced Bioconversion, and Biodegradation Research in Soils	\$398,214
1 project	\$398,214

University of Alberta

Assessing the Fate and Transformation of Micropollutants in Reclamation Systems using High-resolution Mass Spectrometry	\$380,000
The Reparative Infrastructure Networked Cluster	\$72,952
Transforming a Century-old Building into a Smart-building Living Lab	\$649,570
Platform for Fabrication of Pouch-typed Battery Cells	\$100,000
Measuring Phase Transformations in Advanced Materials - Acquisition of quenching-deformation- dilatometer	\$187,021
Laboratory for the Synthesis of Artificial Cells	\$200,538
An Integrated Reactor Analytical System to Investigate Bio-oil Synthesis and Catalysis	\$134,495
Finding the Ancestors: Building infrastructure to support Indigenous, community-engaged archaeological remote sensing	\$501,575
8 projects	\$2,226,151

University of Calgary

Investigating the Molecular Mechanism(s) of Antigen Cross-presentation by Dendritic Cells	\$99,098
Localization of Electroencephalographic Biomarkers of Epileptic Brain Areas	\$87,000
Developing the Next Generation of Flow Forecasting System in Cold Regions	\$180,856
Multisensory Storytelling Research Studio	\$429,640

... / University of Calgary

Development of a Comparative Musculoskeletal and Translational Regenerative Medicine Research Program	\$86,579
Advanced Multi-modal Imaging and Biologic Discovery to Understand Childhood Arthritis	\$267,638
Ex Vivo Models of Intestinal Regeneration And Disease	\$100,000
CatalystDx: Comprehensive AuToimmune and A.I. Laboratory TeSTing and Diagnostics	\$300,000
Signal Readout and Plasticity for Perception and Action	\$185,441
Development of Bioelectrochemical Systems for Wastewater Treatment in Cold Climates	\$100,000
Aquatic Biomechanics Infrastructure for Studying the Mechanics of Underwater Movement and its Impact on Aquatic Ecology	\$100,000
Investigating the Regulation, Responsiveness, and Relevance of Skeletal Muscle Mitochondria in Exercising Humans	\$76,000
Central and Peripheral Cardiovascular Adaptations to Personalized Exercise Training in Older and Young Females and Males	\$114,000
Training Biophysically Detailed Networks Neurons to Display Organism Level Behaviours	\$250,000
14 projects	\$2,376,252

NOTE:

As part of this announcement, an additional \$1,500,185 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.