

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

### Nova Scotia / Nouvelle-Écosse

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$2,204,578 to support 15 infrastructure projects in the province. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 2 204 578 \$ en vue d'appuyer 15 projets d'infrastructure dans la province.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI
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### **Cape Breton University**

The Media Interpretation and Reception Lab: An Ethnographic Space for the Study of Media Participation	\$111,310
<b>1 project / projet</b>	<b>\$111,310</b>

### **Dalhousie University**

*FPGA and VLSI Implementation of Enabling Technologies for Wireless, Radio and Acoustic Digital Communications Systems	\$123,636
A New Laboratory Aimed at Establishing a Cardiac Metabolism and Function Phenotyping Program at the Dalhousie Medicine New Brunswick Cardiovascular Research Center	\$124,729
A New Laboratory to Create Innovative Experimental Therapeutics and Establish Regenerative Medicine Capacity for Cardiovascular Disease in New Brunswick	\$125,000
Construction of Pilot-Scale Mini-Fluidic Systems for Multi-Phase Reactor and Separator Development, and Characterization of Dynamic Interfacial Phenomena in Complex Geometries	\$124,999
Establishment of an Innovative Translational Research Laboratory to Identify Mechanisms Underlying Age-Related Cardiovascular Disease and to Develop Evidence-Based Therapeutic Exercise Interventions	\$125,000
**Assessment and Prediction of Chemical and Ecological Changes in the Ocean	\$797,232
Broodstock Finfish Freshwater Research Facility	\$59,455
Field and Laboratory Facilities for Verification and Validation of Simulation-Based Approach to Microalgae Growth Dynamics Applied for Photobioreactors Designing and Biomass Production Monitoring	\$23,441
Infrastructure for the Health and Bioproducts Research Program	\$111,396
Infrastructure to Support Advanced Study of Greenhouse Gas Emissions from Agricultural Production Systems and Waste Management	\$154,076

## .../ Dalhousie University

Integrated Agricultural Entomology: A Whole-System Approach to Improve Insect Management	\$49,845
Microscope and Microplate Reader for Root-Microbe Interaction and Marine Bio-Products Research	\$73,433
<b>12 projects / projets</b>	<b>\$1,892,242</b>

*\*Funding for Research Infrastructure Associated with a NSERC Industrial Chair  
Financement de l'infrastructure liée à une Chaire industrielle du CRSNG*

*\*\*Funding for Research Infrastructure Associated with a Canada Excellence Research Chair (CERC)  
Financement de l'infrastructure liée à une Chaire d'excellence en recherche du Canada (CERC)*

## Saint Mary's University

Clean Trace-Metal Environmental Analytical Laboratory (CTEAL)	\$122,603
<b>1 project / projet</b>	<b>\$122,603</b>

## St. Francis Xavier University

Micronutrient Assessment Laboratory	\$78,423
<b>1 project / projet</b>	<b>\$78,423</b>