

**Regional Backgrounder / Fiche d'information par région
New Opportunities Fund / Fonds de relève**

Province : Alberta

The following 13 projects, totalling \$3,083,293, were approved in the province of Alberta. / Les 13 projets suivants totallisant 3 083 293 \$ ont été approuvés dans la province de l'Alberta.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI
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University of Alberta

Chemical biology and protein engineering applied to the development of versatile fluorescence-based molecular tools for live cell imaging applications	\$132,440
Infrastructure for Establishing a Communications Research Laboratory (CRL)	\$222,483
Mid-infrared cavity ring down and cavity ring down enhanced circular dichroism spectrometers for the molecular level study of chirality and chiral discrimination	\$176,943
Molecular insights into the regulation and recovery of cytosolic calcium during cardiac muscle relaxation.	\$172,812
Nanoscale Functionalization of Semiconductor Surfaces	\$309,816
Proteomics Tools for Plant Research	\$83,631
6 projects / projets	\$1,098,125

University of Calgary (The)

Laboratory of Integrated Proteomic Investigations in Smooth Muscle Physiology and Pathophysiology	\$335,130
Molecular Imaging Facility to Investigate the Biological Effects of Signaling Pathways	\$458,556
The structure, function and dysfunction of molecular machines in the plasma membrane, probed by nano-technology	\$228,531
Tools for applied electromagnetics research	\$227,823
Ultra Fast Laser Micromachining Laboratory	\$417,720
5 projects / projets	\$1,667,760

University of Lethbridge (The)

Functional and Neurochemical Correlates of the Pathology of Parkinson's Disease	\$124,010
Raman and NMR Spectroscopy of Fluorine Compounds	\$193,398
2 projects / projets	\$317,408