

Innovation Fund / Fonds d'innovation

Institution / Établissement	Number of Projects / Nombre de projets
Aurora College	1
Carleton University	2
Concordia University	1
Dalhousie University	5
École Polytechnique de Montréal	1
McGill University	9
McMaster University	5
Memorial University of Newfoundland	1
Queen's University	2
Ryerson University	1
Simon Fraser University	1
Sinai Health System	2
St. Joseph's Health Care London	1
Sunnybrook Health Sciences Centre	1
The Hospital for Sick Children	4
The University of British Columbia	9
Thompson Rivers University	1
Université de Montréal	8
Université de Sherbrooke	3
Université du Québec - École de technologie supérieure	1
Université du Québec - Institut national de la recherche scientifique	1
Université du Québec à Montréal	1
Université Laval	4
University Health Network	1
University of Alberta	5
University of Calgary	5
University of Manitoba	2
University of Ottawa / Université d'Ottawa	5
University of Regina	1
University of Saskatchewan	2
University of Toronto	4
University of Victoria	2
University of Waterloo	6
Women's College Hospital	1
York University	3
Total Institutions / des établissements 35	102

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(by Project / par projet)

Project Title / Titre du projet	Institution / Établissement	Maximum CFI Contribution / Contribution maximale de la FCI
Western Arctic Research Centre (WARC) Warehouse: Supporting Research in the Western Arctic	Administrative / Administrateur Aurora College	\$1,686,897
\$1,686,897		
Development of Next Generation Liquid Argon Dark Matter Detector and of an Underground Argon Storage Facility at SNOLAB	Administrative / Administrateur Carleton University	\$2,101,585.00
	Collaborating / Partenaire University of Alberta	\$2,752,134
	Queen's University	\$2,394,000
\$6,902,590		
Abilities Living Laboratory (ALL)	Administrative / Administrateur Carleton University	\$2,370,000
	Collaborating / Partenaire University of Ottawa / Université d'Ottawa	
\$2,370,000		
Toward Intelligent and Resilient Smart Cities with Energy-Vehicle-Human Interactions	Administrative / Administrateur Carleton University	723 417 \$
723 417 \$		
Cancer risks of Arsenic and Radon environmental Exposures (CARE)	Administrative / Administrateur Dalhousie University	\$1,727,595
	Collaborating / Partenaire University of Calgary	\$569,400
\$2,296,995		
A BGC Argo Program for the NW North Atlantic Ocean	Administrative / Administrateur Dalhousie University	\$3,111,591
	Collaborating / Partenaire Memorial University of Newfoundland	\$400,000
\$3,511,591		
Advanced Sustainable Energy Technology (ASET) Research Program	Administrative / Administrateur Dalhousie University	\$2,725,393
\$2,725,393		

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Project Title / Titre du projet	Institution / Établissement	Maximum CFI Contribution / Contribution maximale de la FCI
Artificial Intelligence meets Ocean Science	Administrative / Administrateur Dalhousie University	\$1,157,188
\$1,157,188		
Next Generation Manufacturing of Advanced Ceramics (NG-MAC)	Administrative / Administrateur Dalhousie University	\$3,305,715
	Collaborating / Partenaire University of New Brunswick	\$273,026
\$3,578,741		
Atomistics of Engineering and Natural Materials	Administrateur / Administrative École Polytechnique de Montréal	1 572 000 \$
	Partenaire / Collaborating Université de Sherbrooke	663 552 \$
	McGill University	424 000 \$
	Université de Montréal	250 000 \$
	Université du Québec - École de technologie supérieure	200 000 \$
3 109 552 \$		
SecureData4Health	Administrative / Administrateur McGill University	3 280 000 \$
	Collaborating / Partenaire The Hospital for Sick Children	944 098 \$
	Sinai Health System	400 409 \$
	Université de Montréal	2 699 695 \$
	Université de Sherbrooke	300 000 \$
	Université Laval	300 000 \$
7 924 202 \$		
Quantum Dynamics Laboratory: Tools to Visualize Advanced Materials at Work	Administrative / Administrateur McGill University	2 570 856 \$
2 570 856 \$		
Canadian Hydrogen Observatory and Radio transient Detector (CHORD)	Administrative / Administrateur McGill University	3 209 533 \$
	Collaborating / Partenaire Perimeter Institute for Theoretical Physics	1 750 000 \$
	University of Calgary	1 200 000 \$
	University of Toronto	2 912 000 \$
	9 071 532 \$	

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Next Generation Dopaminergic Cell Modeling and Therapeutics for Movement Disorders	Administrative / Administrateur McGill University	3 420 697 \$
3 420 697 \$		
Nanotools III	Administrative / Administrateur McGill University	2 884 120 \$
2 884 120 \$		
Building Architecture Research Node/Nodule de recherche architecturale du bâtiment	Administrative / Administrateur McGill University	7 682 961 \$
7 682 961 \$		
Centre for Applied Nanomedicine (CAN) – Studies into Extracellular Vesicle Heterogeneity, Biomarkers and Function	Administrative / Administrateur McGill University Collaborating / Partenaire McGill University Health Centre	1 365 228 \$
1 365 228 \$		
Functional Atomic-scale Materials Engineering (FAME)	Administrative / Administrateur McGill University Collaborating / Partenaire École Polytechnique de Montréal Université de Montréal University of Ottawa / Université d'Ottawa	2 505 514 \$ 172 221 \$ 89 987 \$ 476 410 \$
3 244 132 \$		
Advanced Cold Spray Additive Manufacturing Facility	Administrative / Administrateur McGill University Collaborating / Partenaire Concordia University University of Windsor	3 120 000 \$ 531 088 \$ 123 939 \$
3 775 027 \$		
Towards Dynamic Materials Characterization with Electrons and Photons in Extreme Environments	Administrative / Administrateur McMaster University	\$5,737,458
\$5,737,458		
Building a Future for Canadian Neutron Scattering	Administrative / Administrateur McMaster University	\$14,250,000
\$14,250,000		

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Transformative Nano-manufacturing Enabled by Programmable Assembly, Self-alignment and Direct-write Technologies	Administrative / Administrateur McMaster University	\$2,137,090
\$2,137,090		
3D Multi-scale Correlative and Time-lapsed Microscopy: A Canadian Platform for Materials Acceleration	Administrative / Administrateur McMaster University	\$3,413,793
\$3,413,793		
Canadian Longitudinal Study on Aging (CLSA): A Platform for Interdisciplinary Research	Administrative / Administrateur McMaster University	\$9,578,643
\$9,578,643		
ACESCentre: Atlantic Canada Environmental and Sustainable Chemistry Centre	Administrative / Administrateur Memorial University of Newfoundland	\$6,287,709
	Collaborating / Partenaire Saint Mary's University	\$485,349
\$6,773,058		
ExCELLirate Canada: Expanding CELL-based Immunotherapy Research Acceleration for Translation and Evaluation	Administrative / Administrateur Queen's University	\$2,145,305
	Collaborating / Partenaire McMaster University	\$271,276
	University of Ottawa / Université d'Ottawa	\$1,613,072
	Université de Montréal University of Calgary	\$850,859 \$307,173
\$5,187,685		
Climate Adaptive infraStructure Testing and Longevity Evaluation (CASTLE) Innovation Cluster	Administrative / Administrateur Queen's University	\$4,020,000
	Collaborating / Partenaire Royal Military College of Canada / Collège militaire royal du Canada	\$450,000
\$4,470,000		
Smart Campus Integration and Testing Lab	Administrative / Administrateur Ryerson University	\$1,962,000
\$1,962,000		

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Project Title / Titre du projet	Institution / Établissement	Maximum CFI Contribution / Contribution maximale de la FCI
ATLAS Tier-1 Data Centre	Administrative / Administrateur Simon Fraser University	\$2,169,811
		\$2,169,811
Probing the Molecular State of Rare Cell Phenotypes	Administrative / Administrateur Sinai Health System	\$5,830,254
		\$5,830,254
A Center for Quantitative Ultrastructural Analyses	Administrative / Administrateur Sinai Health System	\$735,370
	Collaborating / Partenaire The Hospital for Sick Children	\$1,355,749
		\$2,091,119
Revealing the Functional and Molecular Mechanisms of Brain Disease with Better Imaging Tools	Administrative / Administrateur St. Joseph's Health Care London	\$2,008,333
		\$2,008,333
Artificial Intelligence Platform for Precision Medicine	Administrative / Administrateur Sunnybrook Health Sciences Centre	\$485,676
		\$485,676
Advanced Fetal Diagnosis and Therapy Program	Administrative / Administrateur The Hospital for Sick Children	\$2,417,331
	Collaborating / Partenaire Sinai Health System	\$428,214
		\$2,845,545
Single Particle Cryo EM Analysis Project (SPaCEMAP)	Administrative / Administrateur The Hospital for Sick Children	\$3,853,542
	Collaborating / Partenaire University Health Network	\$2,249,906
	University of Toronto	\$314,222
	Sinai Health System	\$1,186,564
		\$7,604,234

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Project Title / Titre du projet	Institution / Établissement	Maximum CFI Contribution / Contribution maximale de la FCI
CGEn – A National Platform for Genome Sequencing and Analysis	Administrative / Administrateur The Hospital for Sick Children	\$4,492,301
	Collaborating / Partenaire The University of British Columbia	\$3,229,712
	McGill University	\$3,429,780
		\$11,151,793
The Continuum of Protein Interactions in Health and Disease	Administrative / Administrateur The Hospital for Sick Children	\$1,678,236
		\$1,678,236
Cancer Single Cell Dynamics Observatory	Administrative / Administrateur The University of British Columbia	\$2,396,810
		\$2,396,810
Used-Water to Resources (U-WatR)	Administrative / Administrateur The University of British Columbia	\$1,591,394
		\$1,591,394
Momentum-resolved Electron-pair Spectroscopy (2e-ARPES)	Administrative / Administrateur The University of British Columbia	\$2,628,802
		\$2,628,802
Enabling the Search for Neutrinoless Double-beta Decays in Xe-136 with nEXO	Administrative / Administrateur The University of British Columbia	\$6,523,155
		\$6,523,155
MiDAS - Microbial Diversity Expansion for Applied Sciences	Administrative / Administrateur The University of British Columbia	\$3,276,459
		\$3,276,459
HAICU: Hydrogen Antihydrogen Infrastructure at Canadian Universities for Quantum Innovations in Antimatter Science	Administrative / Administrateur The University of British Columbia	\$4,559,274
		\$4,559,274

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Project Title / Titre du projet	Institution / Établissement	Maximum CFI Contribution / Contribution maximale de la FCI
iMAP in vivo Mesoscale Assessment of neuroProjectomes	Administrative / Administrateur The University of British Columbia	\$2,315,582
\$2,315,582		
AM+: Mobilizing Additive Manufacturing for Automotive, Aerospace and Clean Energy	Administrative / Administrateur The University of British Columbia	\$3,001,460
\$3,001,460		
Rapid Air Improvement Network (RAIN)	Administrative / Administrateur The University of British Columbia	\$2,028,080
\$2,028,080		
The TRUbl/O Network, a hub for genomics and bioinformatics innovation in the British Columbia interior	Administrative / Administrateur Thompson Rivers University	\$848,698
\$848,698		
Canadian Mother-Child Cohort Active Surveillance Initiative (CAMCCO)	Administrateur / Administrative Université de Montréal	450 912 \$
	Partenaire / Collaborating University of Alberta	331 978 \$
	University of Ottawa / Université d'Ottawa	80 000 \$
	University of Saskatchewan	134 696 \$
	University of Manitoba	198 000 \$
\$1,195,586		
CHUSJ IMAGE Centre: Imaging for neurodevelopment and Mental health across Age, Genes and Environments	Administrateur / Administrative Université de Montréal	2 865 100 \$
2 865 100 \$		
Auditory-Motor Skill Learning and Brain Plasticity	Administrateur / Administrative Université de Montréal	1 399 820 \$
	Partenaire / Collaborating McGill University	1 641 938 \$
	Concordia University	623 943 \$
3 665 701 \$		

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Project Title / Titre du projet	Institution / Établissement	Maximum CFI Contribution / Contribution maximale de la FCI
Innovative Program in Gene, Cell and Tissue Engineering for the Treatment of Pediatric Monogenic Diseases and Cancers	Administrateur / Administrative Université de Montréal	2 748 480 \$
2 748 480 \$		
MIIRCIC: Multimodal Intelligent Infrastructure for Research in Critically Ill Children	Administrateur / Administrative Université de Montréal	723 461 \$
	Partenaire / Collaborating Université du Québec - École de technologie supérieure	200 000 \$
923 461 \$		
Neurodevelopmental Basis of Nervous System Disorders: NeuroBasis	Administrateur / Administrative Université de Montréal	2 025 010 \$
	Partenaire / Collaborating McGill University	1 109 605 \$
3 134 615 \$		
T-cells and Cancer Immunotherapy	Administrateur / Administrative Université de Montréal	3 976 787 \$
3 976 787 \$		
PURE: Particles in URban Environments	Administrateur / Administrative Université de Montréal	2 414 546 \$
	Partenaire / Collaborating McGill University	2 462 757 \$
4 877 303 \$		
PYRIDINE: PolYmeR big Data INtErface	Administrateur / Administrative Université de Sherbrooke	2 646 985 \$
2 646 985 \$		
Distributed Digital Intelligence Network (D2IN): Development of disruptive and low-cost microsystems for edge computing	Administrateur / Administrative Université de Sherbrooke	5 099 774 \$
	Partenaire / Collaborating Université du Québec - École de technologie supérieure	1 600 000 \$
6 699 774 \$		

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Multidisciplinary Observatory for Arctic Climate Change and Extreme Events Monitoring (MOACC)	Administrateur / Administrative Université de Sherbrooke	1 601 614 \$
		1 601 614 \$
Intelligent Cyber Value Chain Network (CÉOS Net)	Administrateur / Administrative Université du Québec - École de technologie supérieure	3 000 000 \$
	Partenaire / Collaborating École Polytechnique de Montréal	500 000 \$
	Concordia University	489 365 \$
	Université Laval	200 000 \$
	Université du Québec à Montréal	60 000 \$
	Université de Sherbrooke	29 029 \$
	Cégep de Sherbrooke Cégep John Abbott College	80 000 \$ 200 000 \$
		4 552 405 \$
Upgraded-Laboratory of Micro- and Nanofabrication (U-LMN)	Administrateur / Administrative Université du Québec – Institut national de la recherche scientifique	3 249 940 \$
		3 249 940 \$
SPAR Lab: a Research Laboratory To Develop and Assess Smart Process Applications	Administrateur / Administrative Université de Montréal	722 423 \$
		722 423 \$
Baffin Island Environmental Research Stations	Administrateur / Administrative Université Laval	7 003 049 \$
		7 003 049 \$
A cGMP Facility for Personalized Tissue Engineering	Administrateur / Administrative Université Laval	4 709 800 \$
		4 709 800 \$
Manufacturing of Antigens and Adjuvants for development of Vaccines (MAAV)	Administrateur / Administrative Université Laval	1 889 630 \$
		1 889 630 \$
Une foresterie agile face au climat: De l'écosystème jusqu'aux marches	Administrateur / Administrative Université Laval	3 268 715 \$
		3 268 715 \$

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The Toronto Liver Research Centre: A Multi-disciplinary Concentration of Liver Research	Administrative / Administrateur University Health Network	\$1,350,035
		\$1,350,035
ELEMENTS: Earth, Life, Energy and Materials with multi-Elements for Nano to Terrestrial Structures	Administrative / Administrateur University of Alberta	\$5,079,691
		\$5,079,691
Ultrafast Nanoscale Quantum Dynamics (UltraNanoQD)	Administrative / Administrateur University of Alberta	\$3,881,218
		\$3,881,218
Canadian Analytics Network for Outcome Prediction In Exposures (CANOPIE)	Administrative / Administrateur University of Alberta	\$3,145,322
		\$3,145,322
RADIation Impacts on Climate and Atmospheric Loss Satellite (RADICALS) Mission	Administrative / Administrateur University of Alberta	\$8,131,497
		\$8,131,497
"Protein Misfolding Scientific Exploration" (ProMiSE) Team: Infrastructure support for remediation of protein misfolding	Administrative / Administrateur University of Alberta	\$3,851,724
		\$3,851,724
QDiamond: Accelerating the Second Quantum Revolution	Administrative / Administrateur University of Calgary	\$3,255,000
	Collaborating / Partenaire University of Alberta	\$1,960,539
		\$5,215,539
Centre for Cell Therapy Translation (CTT)	Administrative / Administrateur University of Calgary	\$1,831,803
		\$1,831,803
Imaging the Development of Brain Circuits for Early Detection and Intervention in Mental Illness	Administrative / Administrateur University of Calgary	\$3,320,000
		\$3,320,000

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Wild Microbiome and Immunity Centre	Administrative / Administrateur University of Calgary	\$4,860,000
		\$4,860,000
Durable Materials for Electrolyzers, Fuel Cells, and Batteries	Administrative / Administrateur University of Calgary	\$2,992,600
		\$2,992,600
NCTR Digital Architecture	Administrative / Administrateur University of Manitoba	\$2,411,773
		\$2,411,773
The MOLLER Detector: Expanding our understanding of matter in the universe with a new, precision electron detector	Administrative / Administrateur University of Manitoba	\$2,336,900
		\$2,336,900
Transformative nanophotonics	Administrative / Administrateur University of Ottawa / Université d'Ottawa	\$7,688,879
		\$7,688,879
Center for Hybrid Interfaces and Intelligent Thin-Films (HIIT)	Administrative / Administrateur University of Ottawa / Université d'Ottawa	\$5,586,705
	Collaborating / Partenaire École Polytechnique de Montréal	\$1,929,380
	Cégep André-Laurendeau	\$500,000
		\$8,016,085
Operation Heat Shield Canada – Protecting Human Health on a Warming Planet	Administrative / Administrateur University of Ottawa / Université d'Ottawa	\$1,986,842
		\$1,986,842
Hub of Excellence for Cardio-Neuro-Mind Research – HCNMR	Administrative / Administrateur University of Ottawa / Université d'Ottawa	\$5,856,907
		\$5,856,907

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A Multi-Hazards Simulator (MHS) for Sustainable and Resilient Infrastructure	Administrative / Administrateur University of Ottawa / Université d'Ottawa	\$2,623,339
\$2,623,339		
Mitochondrial Systems (mitoSYSTEMS) Research Centre for Chronic Disease	Administrative / Administrateur University of Regina	\$1,403,288
\$1,403,288		
Integrated Genomics for Sustainable Animal Agriculture and Environmental Stewardship	Administrative / Administrateur University of Saskatchewan Collaborating / Partenaire Saskatchewan Polytechnic University of Alberta	\$6,765,155
\$6,765,155		
The Canadian Agricultural Centre for Engineering Biology (CACEB)	Administrative / Administrateur University of Saskatchewan	\$3,199,272
\$3,199,272		
A Massive Transformation of the Dragonfly Telephoto Array	Administrative / Administrateur University of Toronto	\$1,819,000
\$1,819,000		
AcDC: Accelerator for Donnelly Collaboration	Administrative / Administrateur University of Toronto	\$1,957,650
\$1,957,650		
Mega-Scale Multi-Dimensional Experimental Facility for Enhancing Canada's Infrastructure Resilience	Administrative / Administrateur University of Toronto	\$6,861,818
\$6,861,818		
An Integrated Platform for the Analysis of Brain Inflammation	Administrative / Administrateur University of Toronto	\$13,961,537
\$13,961,537		
Intermediate Detector for the Hyper-Kamiokande Neutrino Oscillation Experiment	Administrative / Administrateur University of Victoria Collaborating / Partenaire University of Regina The University of Winnipeg	\$2,500,000 \$1,400,000 \$1,000,000

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	British Columbia Institute of Technology	\$500,000
		\$5,400,000
Belle II Canadian Research Data Centre	Administrative / Administrateur University of Victoria Collaborating / Partenaire The University of British Columbia McGill University	\$2,000,000
		\$2,000,000
Developing Innovative Technologies for Predicting and Remediating Environmental Contamination	Administrative / Administrateur University of Waterloo	\$3,313,077
		\$3,313,077
Waterloo Aquatic Threats Environmental Research (WATER) Facility	Administrative / Administrateur University of Waterloo	\$780,000
		\$780,000
forWater AID: Advanced Infrastructure Development for forested drinking water source protection technologies in Canada	Administrative / Administrateur University of Waterloo	\$3,522,752
		\$3,522,752
CCAT-prime: A Submillimetre Wavelength Survey Telescope in Chile	Administrative / Administrateur University of Toronto	\$4,900,000
		\$4,900,000
Advanced Materials Ontario: Harnessing the Power of Multifunctional Materials for New Technologies	Administrative / Administrateur University of Waterloo	\$2,667,473
		\$2,667,473
Ontario Centre for Battery and Electrochemical Research	Administrative / Administrateur University of Waterloo	\$2,088,832
		\$2,088,832
Women's Virtual Care Research Laboratory	Administrative / Administrateur Women's College Hospital	\$1,184,061
		\$1,184,061

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Tabletop probe of PeV-scale new physics	Administrative / Administrateur York University	\$2,960,000
	Collaborating / Partenaire University of Toronto	\$400,000
		\$3,360,000
Technology-Enhanced Drug Development and Manufacturing: MirrorLab	Administrative / Administrateur York University	\$2,090,000
		\$2,090,000
Intelligent Additive Manufacturing Technology for Space Exploration	Administrative / Administrateur York University	\$3,000,000
	Collaborating / Partenaire The University of Western Ontario	\$573,206
		\$3,573,206
102 projects / projets		\$393,704,204

NOTE / À NOTER

As part of this announcement, an additional \$118,111,267 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. / Cette annonce comprend l'attribution d'une somme additionnelle de 118 111 267 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.

An additional contribution of \$6,286,434 was awarded to 22 multi-institutional proposals involving three or more collaborating CFI eligible institutions, to cover incremental administrative costs associated with the management and governance of those proposals. / Une contribution supplémentaire de 6 286 434 dollars a été octroyée à 22 propositions multiétablissements impliquant au moins trois établissements admissibles selon les critères de la FCI, pour couvrir les coûts administratifs croissants liés à la gestion et à la gouvernance de ces propositions.