

List of notices of intent (NOI) submitted to the 2015 Innovation Fund

The following provides a list of all notices of intent (NOI) submitted to the Canada Foundation for Innovation (CFI) for the 2015 Innovation Fund competition worth a total of \$250 million. The CFI has received 349 NOIs from 74 eligible institutions, requesting nearly \$870 million from the CFI. This list is published to encourage institutions that have similar proposals to consider potential collaborations or joint initiatives, where appropriate, to ensure the effectiveness and efficiency of the infrastructure.

Administrative Institution	Collaborating Institution (s)	Project Leader	Title
Baycrest Centre for Geriatric Care	Concordia University, Université de Montréal	McIntosh, Randy	Brain Health and Aging Network (BHAN)
British Columbia Institute of Technology		Farhangi, Hassan	Energy Hub Lab
British Columbia Institute of Technology		Rrushi, Julian	Applied Research on Prevention of Computer Sabotage of Industrial Power Plants
Brock University		Cote, Kimberly	Cognitive Brain Research (CBR) Group
Brock University		Inglis, Debra	Expanded fermentation and wine flavour testing facilities at the Cool Climate Oenology and Viticulture Institute
Brock University		O'Leary, Deborah	Staying Mobile: A multidisciplinary approach to healthy aging and functional independence amongst special populations.
Brock University		Stamatatos, Theocharis	A Fiber Optic Equipped Superconducting QUantum Interference Device (SQUID) for the Characterization of Hybrid Materials
Brock University		Ward, Wendy	Developing Strategies for Optimal Musculoskeletal Health Using a Suite of In Vivo Imaging Infrastructure
Cape Breton University		Oakes, Ken	Sustainable Four-Season Research Greenhouse Facility
Carleton University		Abele, Frances	An Experimental Media and Human Rights Response to Northern Industrial Development
Carleton University		Fai, Stephen	Laboratory for Architectural Rehabilitation and Environmental Stewardship (LARES)
Carleton University	University of Ottawa	Lau, David	Multi-Hazard Test Facility for Built Infrastructure Protection and Resilience
Carleton University	McGill University, Simon Fraser University, University of Victoria	Oakham, F. Gerald	Detectors for the Exploration of New frontiers in High Energy Physics with ATLAS in the Higgs Era
Carleton University	Laurentian University	Sinclair, David	An International Search for Neutrinoless Double Beta Decay
Cégep de Sept-Îles	Université du Québec à Rimouski	Ramdenee, Drishtysingh	Laboratoire en dynamique des structures, détection de défaillances et mitigation de vibration en milieu industriel
Cégep de Trois-Rivières		Marin, Gheorghe	Développement d'alliages avancés par la fusion sous vide au plasma
Cégep de Victoriaville		Duval, Jean	Station de recherche en production végétale biologique
Centre for Addiction and Mental Health		Pollock, Bruce	Igniting Discovery in Addiction and Mental Health: The Centre for Translational Research in Addiction and Mental Health
Collège de Valleyfield		Fortin, Marie-Josée	Les technologies au service de la santé
Collège Shawinigan		Deziel, Nancy	CNETE i+
Concordia University		Brett, Christopher	Multi-Scale Optical Control & Imaging Platform to Bridge the Nano and Life Sciences
Concordia University		English, Ann	Stressomics: metabolomics, proteomics and isotopomics to map cellular and environmental stress response pathways
Concordia University		Hojjati, Mehdi	Additive Composite Manufacturing Cell
Concordia University	Université de Montréal, University of Ottawa, Université du Québec à Montréal	Khorasani, Khashayar	Collaborative Human Immersive Laboratory for Design (CHILD)
Concordia University		Martin, Vincent	Genome Foundry for Synthetic Biology
Concordia University		Packirisamy, Muthukumaran	Concordia Micro- Nano- Bio Integration Facility (CoNBIM)
Dalhousie University	Concordia University, McGill University, Mount Allison University, The University of British Columbia, Université Laval	LaRoche, Julie	Linking microbial diversity, function and evolution with NanoSIMS technology
Dalhousie University	The University of British Columbia	McMaster, Christopher	Centre for Validating and De-risking Therapeutic Targets and Biomarkers (VALID)
Dalhousie University	University of Alberta, University of Victoria, The University of British Columbia	Nedimovic, Mladen	National Facility for Seismic Imaging

Dalhousie University	Acadia University, Cape Breton University, Mount Allison University, Mount Saint Vincent University, University of Prince Edward Island, University of New Brunswick	Thompson, Alison	Maritime NMR Enhancement Program (MNEP): Accelerating Molecular Discovery for Health and Sustainability
École Polytechnique de Montréal	Collège de Maisonneuve	Ajji, Abdellah	High Performance Multilayerd Packaging and Membranes
École Polytechnique de Montréal	Cégep de Matane, CHU Sainte-Justine, Centre hospitalier de l'Université de Montréal (CHUM), Université du Québec - École de technologie supérieure, Université du Québec à Montréal,	Aubin, Carl-Eric	Plateforme de recherche en Technologies de Réadaptation Pédiatrique (ReadapTech)
École Polytechnique de Montréal	Concordia University, McGill University, Université de Sherbrooke, Université du Québec - Institut national de la recherche scientifique	Caloz, Christophe	Terahertz Research Facility (TeReF)
École Polytechnique de Montréal	Cégep André-Laurendeau	Lesage, Frédéric	Infrastructure for Micro-Imaging and Optical Glass Processing
École Polytechnique de Montréal	Cégep de Saint-Jérôme, Collège Édouard-Montpetit, Concordia University, McGill University, Université du Québec - École de technologie supérieure	Lévesque, Martin	Montréal Multi-Scale Materials Testing Infrastructure
École Polytechnique de Montréal		Martel, Sylvain	Nanorobotic interventional platforms for cancer therapy
École Polytechnique de Montréal	Université de Montréal	Moutanabbir, Oussama	Cross-Disciplinary Nanoscale Probes for Functional Materials and Devices
École Polytechnique de Montréal		Ruiz, Eduardo	Optimisation de la fabrication des composites 3D structuraux pour l'aéronautique
Fanshawe College		Haaf, Robert	Mobile Devices Research & Development Laboratory
FPInnovations	McGill University, The University of British Columbia, University of Alberta, University of Toronto, Université Laval	Lariviere, Stephan	Building a Value Added Cellulose Economy to Increase Canada's Competitiveness
HEC Montréal		Léger, Pierre-Majorique	Tech3Lab-II
Holland Bloorview Kids Rehabilitation Hospital		Keightley, Michelle	High Performance Rehabilitation (HiPR) Lab
Kwantlen Polytechnic University		Harbut, Rebecca	Sustainable Agriculture and Regional Food Systems Research and Teaching Farm and Laboratory
Kwantlen Polytechnic University		Vergheze, George	Institute for Fish Skin Innovation
Lakehead University		Chen, Aicheng	Green Materials and Advanced Technologies Innovation Centre (Green-MATIC)
Lambton College		Sheikhzadeh, Mehdi	Centre for Industrial Material Development (CIMD)
Laurentian University		Eger, Tammy	Development of a multidisciplinary mobile research lab for advanced occupational health and safety research in northern,
Laurentian University		Warry, Wayne	ICES North: Creating Access to Data for Interdisciplinary Research on Northern and Rural Health
London Health Sciences Centre	The University of Western Ontario, St. Joseph's Health Care London	Koropatnick, James	AVATAR-Advanced in vivo modeling of cancer targeted therapy
McGill University	Dalhousie University, The University of British Columbia, Université de Montréal	Ariya, Parisa	Aerosol, Cloud Experimental (ACE) Physical-Chemical Research Facility
McGill University	Université du Québec à Montréal	Baker, Don	Exploration and Application of Critical Metals
McGill University	University of Victoria	Batist, Gerald	The Institute for Personalized Medicine
McGill University	Dalhousie University, McMaster University, The University of British Columbia, Université Laval, University of Waterloo	Brochu, Mathieu	Canadian Additive Manufacturing Network (Can-AMN)

McGill University	Concordia University, École Polytechnique de Montréal, Université de Sherbrooke	Chromik, Richard	Surface Engineering Solutions for Aerospace: Terrestrial and Space Applications
McGill University		Cullen, Kathleen	Targeted Manipulation of Neural Microcircuits for Understanding and Correcting Brain Dysfunction
McGill University		Denov, Myriam	Centre for Participatory Research on War and Violence
McGill University	University of Alberta	Ghoshal, Subhasis	Research Facility for Safe Nanoparticles in Products
McGill University		Gros, Philippe	Infection and Inflammation Genomics and Phenomics Center
McGill University	Université de Montréal, Université du Québec - Institut national de la recherche scientifique	Jardim, Armando	Animals and their unseen pathogens: Targets for intervention and candidate therapeutics
McGill University	The University of British Columbia, University of Toronto	Kaspi, Victoria	A Fast-Radio-Burst and Pulsar Back-end for the CHIME Telescope
McGill University	Université de Montréal	Lamontagne, Anouk	Tailoring novel rehabilitation technology tools to optimize functioning and health: The BRILLIANT-Rehab initiative
McGill University	University of Ottawa	Lennox, Robert Bruce	Functional Self Assembled Materials - Computation, Informatics, and Experimentation
McGill University		McKee, Marc	Multimodal, multiscale cryogenic correlative microscopy: Linking intracellular and extracellular structure with function
McGill University		Meaney, Michael	Treatment Outcomes in Mood Disorders
McGill University		Park, Morag	Tumor/Host Interactions: Cancer Progression and Resistance Group
McGill University		Ptito, Alain	Sensing and repairing the injured brain: tools and methods for the characterization of brain injury and repair
McGill University		Selvadurai, A. Patrick	Research Infrastructure to Characterize Material Behaviour Relevant to Critical Geoenvironmental Endeavours
McGill University		Shmuel, Amir	Quebec Centre for High-Field Brain Imaging
McGill University	Université de Montréal	Vogel, Jackie	An integrated multi-disciplinary initiative to quantify the 4-dimensional cell
McMaster University		Baba, Vishwanath	McMaster Institute of Evidence-Based Management
McMaster University		Britz-Mckibbin, Philip	McMaster Centre for Metabolomics and Biomarker Discovery
McMaster University		Brown, Eric	Chemical Genomics Initiative
McMaster University		Connolly, John	Creating a multidisciplinary multiuser facility for an Advanced Research Institute in Experimental & Applied Linguistics
McMaster University		Cotton, James	Research Facility for Integrated Building Energy Harvesting Systems
McMaster University		Emadi, Ali	Electric and Hybrid Electric Vehicle-in-the-Loop and Powertrain Integration Facility with Vehicle-to-Grid Capabilities
McMaster University		Emslie, David	Center for Molecular approaches to Technological Materials (CMTM)
McMaster University		Hurley, Jeremiah	Better Communities through Better Data
McMaster University	McGill University, Queen's University	Knights, Andrew	Canadian Institute for Silicon Optoelectronics (CISO)
McMaster University		McQueen, Matthew	A Unique Biobank - A Resource for Today and an Investment for the Future
McMaster University		Sheardown, Heather	20/20 McMaster Vision Institute
Memorial University of Newfoundland		Adam, Dubrowski	Human Elements Laboratory for Marine Safety (HELMS)
Memorial University of Newfoundland		Brown, Robert	Atlantic Centre for Metabolomic Analysis
Memorial University of Newfoundland		Dyck, Carrie	An Arts Design Lab for Social Innovation
Memorial University of Newfoundland		Hawboldt, Kelly	Instrumentation Suite for Offshore Reservoir Souring Research Cluster
Memorial University of Newfoundland		Muzychka, Yuri	Harsh Environment Research Facility
Memorial University of Newfoundland		Qiu, Wei	Development of State-of-the-Art Infrastructure for Harsh Ocean Environment Research
Mount Sinai Hospital		Lye, Stephen	Systems Science of Developmental Health
Mount Sinai Hospital		Siminovitch, Katherine	An integrated deep phenotyping and high throughput assay platform for transforming outcomes in autoimmune disease
Mount Sinai Hospital		Wrana, Jeff	Probing cellular networks by next-generation proteomics and single-cell genomics
Mount Sinai Hospital		Zhen, Mei	Optogenetics and Live Imaging of the Functioning and Developing Biological Systems
New Brunswick Community College		NcholatebeNkwetta, Dan	Applied Alternative and Sustainable Energy Research Laboratory (ASERL)
Nipissing University		Csank, Adam	The Northern Ontario Environmental Isotope Laboratory (NOEIL): A facility for environmental and ecological research.
Olds College		McDonald, Tanya	Bio-Energy Park

Ontario College of Art and Design University (OCAD University)		Treviranus, Jutta	Network for Innovative Personalization: Supporting Inclusive and Sustainable Prosperity
Queen's University		Archer, Stephen	Queen's CardioPulmonary Unit (Q-CPU) – Centre for Translational Research in Pulmonary Hypertension
Queen's University		Boulay, Mark Guy	Development of a 50-Tonne Next-Generation Liquid Argon Dark Matter Detector at SNOLAB
Queen's University		Champagne, Pascale	Queen's University Biopolymer Innovation and Technology (QUBIT) Research Initiative
Queen's University	Laurentian University	Chen, Mark	Enhanced Tellurium Purification for the SNO+ Double Beta Decay Experiment
Queen's University	University of Toronto	Crudden, Cathleen	A Molecular Approach to Surface Functionalization: From Automotive to Biomedical Applications
Queen's University		Kyser, Kurt	Tracking element migration in the near-surface environment: The Queen's facility for isotope research experimental lab
Queen's University	Collège Lionel-Groulx, Concordia University, Dalhousie University, McGill University, Royal Military College, The University of British Columbia, The University of Western Ontario, Université du Québec à Montréal, Université du Québec à Rimouski, Université Laval, University of Alberta, University of Calgary, University of New Brunswick, Carleton University, École Polytechnique de Montréal, Lakehead University, McMaster University, Memorial University of Newfoundland, Ryerson University, University of Lethbridge, University of Manitoba, Université de Sherbrooke, Université du Québec - École de technologie supérieure, Université du Québec en Outaouais, Université du Québec à Trois-Rivières, University of Ottawa, University of Toronto, University of Waterloo, University of Windsor, York University	McWalter, Ian	Platform for Advanced Design Leading to Manufacturing in Micro-Nano Technologies
Queen's University		Munoz, Douglas	Enhancement and Development of New Assessment Tools for Evaluation of Brain Function and Dysfunction
Queen's University	Laurentian University, University of Alberta, Université de Montréal	Noble, Anthony	PICO-250L: A New Ultra-Sensitive Dark Matter Detector for SNOLAB
Ryerson University		Li, James	Evidence-based, cost-effective integrated solutions to a healthy urban water cycle: a paradigm shift
Ryerson University		Mazalek, Alexandra	Responsive Ecologies Lab - RE/Lab
Ryerson University	St. Michael's Hospital	Rousseau, Dérick	(MF)2 : Multi-Functional Microscopy Facility – a Ryerson University & St. Michael's Hospital research consortium.
Ryerson University		Venkatesh, Bala	Smart Grid Laboratory
Ryerson University		Wakarchuk, Warren	Laboratory for Advanced Analytics in Chemical Biology
Simon Fraser University		Burley, David	Pacific Facility for Archaeological and Forensic Radiography
Simon Fraser University		Daniel, Henry	Transdisciplinary Research Centre for Performance and Technology (TRANSCPT)
Simon Fraser University		D'Arcy, Ryan	Seamless care through technology: A focus on brain vitality
Simon Fraser University		Kjeang, Erik	Centre for Innovation in Fuel Cell Technology and Manufacturing
Simon Fraser University		Thewalt, Michael	Silicon-Based Quantum Information Physics
Simon Fraser University		Tibbits, Glen	BC Centre for Cell Engineering and Therapeutics (BC3ET)
Simon Fraser University		Vaughan, Rodney	Adaptive Spatial Processing of Fields and Waves
St. Francis Xavier University		Risk, David	Gas Detection for Environmental Performance in Energy and Agriculture
St. Francis Xavier University		Wyeth, Russell	Advanced infrastructure for the study of biofouling and cellular biology

St. Michael's Hospital	Mount Sinai Hospital, Sunnybrook Health Sciences Centre, University Health Network, University of Toronto	Brochard, Laurent	INFOVENT (INFOrmation system for mechanically VENTilated adult patients in the academic ICUs of Toronto)
St. Michael's Hospital	University of Toronto, University of Ottawa	Jha, Prabhat	Global Resource for Accurate Death Evaluation (GRADE)
St. Michael's Hospital		Straus, Sharon	Integrated Knowledge Translation Lab
Sunnybrook Health Sciences Centre		Hynnen, Kullervo	Next Generation MRI-guided Therapeutics
Sunnybrook Health Sciences Centre		Wright, Graham	Interventional Device Development and Testing Platform
The Hospital for Sick Children	Mount Sinai Hospital	Brumell, John	Electron microscopy to advance 3-Dimensional study of cells in health and disease.
The Hospital for Sick Children		Dowling, James	Novel drug discovery platform for childhood disease
The Hospital for Sick Children	The University of Western Ontario	Drake, James	Rapid Prototyping of Patient Specific Models, Dextrous Tools and Implants
The Hospital for Sick Children		Forman-Kay, Julie	Dynamic complexes and large-scale assemblies in neurobiology and disease
The Hospital for Sick Children	Mount Sinai Hospital	Justice, Monica	Next generation genome editing and functional evaluation of pre-clinical models of human disease for therapeutics
The Hospital for Sick Children		Laussen, Peter	The CIA-KIDS Project (Capture, Integrate, Analyze for Knowledge, Information & Decision Support)
The Hospital for Sick Children		Malkin, David	The Centre for Translational Molecular Profiling in Childhood Cancer
The Hospital for Sick Children		Mertens, Luc	The Pediatric Cardiopulmonary Imaging Research (PCIR) Facility
The Hospital for Sick Children		Salter, Michael	Centre for Developmental Brain Plasticity & Repair (CDBPR)
The University of British Columbia		Bénard, François	Translational Research Infrastructure for Integrated Cancer Diagnostics (TRIFIC)
The University of British Columbia	University of Northern British Columbia	Bryman, Douglas	ORKA - An Investigation into the Heart of Matter
The University of British Columbia		Christen, Andreas	Integrative laboratory for atmospheric research on greenhouse gas exchange at the landscape scale
The University of British Columbia		Collins, Colin	Co-APTing Precision Oncology: Combining Adaptive Pathways Targeting with Precision Oncology
The University of British Columbia		Cullis, Pieter	Platform for Integrated Omics
The University of British Columbia		Folk, Joshua	Quantum Devices in Strongly Correlated and Topological Materials
The University of British Columbia	McGill University	Friedman, Jan	The Canadian BabyOmics Research Network
The University of British Columbia		Hancock, Robert	Centre for Anti-inflammatory Research and Development (CAIRD)
The University of British Columbia	McGill University, The Hospital for Sick Children	Jones, Steven	Canada's Genomics Enterprise (CGEn): A national genomic tools network for transforming life science research
The University of British Columbia		Klironomos, John	UBC Ecotron
The University of British Columbia		MacKay, Alex	Three Tesla MRI scanner and Electrophysiology and Neuromodulation Laboratory for the UBC Multimodal Neuroimaging Centre
The University of British Columbia	British Columbia Institute of Technology, York University, University of Waterloo	Madison, Kirk	QueST: Quantum sensor technologies using laser cooled atoms
The University of British Columbia		McGrail, Kimberlyn	The Smart Data Infrastructure
The University of British Columbia		Mohseni, Madjid	InWAVE Centre - Innovate Water: Analysis, Validation & Evaluation Centre
The University of British Columbia	University of Manitoba, University of Northern British Columbia, The University of Winnipeg	Momose, Takamasa	Neutron Electric Dipole Moment Experiment and Facility
The University of British Columbia		Money, Deborah	Centre for Innovation in Translational Research in Infectious and Cancer (CITRIC)
The University of British Columbia		Nasiopoulos, Panos	People and Planet Friendly Home
The University of British Columbia		Pugash, Denise	The Perinatal Research IMaging Evaluation (PRIME) Centre
The University of British Columbia	Simon Fraser University, University of Victoria	Schafer, Laurel	REALTIME - REActions and Lifetime: Integrated Measurements in Every phase of matter
The University of British Columbia		Sossi, Vesna	Hybrid PET/MR scanner for the multi-modality imaging suite in the UBC Djavad Mowafaghian Centre for Brain Health
The University of British Columbia		Strynadka, Natalie	Structural analysis of dynamic macromolecular complexes at the host-pathogen interface
The University of British Columbia	University of Regina, York University	Tanaka, Hirohisa	Exploring the origin of matter with the Hyper-Kamiokande Next Generation Water Cherenkov Detector
The University of British Columbia	Providence Health Care	Tebbutt, Scott	Molecular Markers for Modern Medicine: Emergent Diagnostics and Analytics Laboratory (M4EDAL)
The University of British Columbia		Tetzlaff, Wolfram	Accelerated Discovery and Translation of Neurotrauma Treatments
The University of British Columbia		Verchere, C. Bruce	Childhood Diabetes Laboratories

The University of British Columbia		Wasteneys, Geoffrey	UBC Centre for Light and Electron Microscopy
The University of Western Ontario		Arts, Eric	Infectious Disease Pathogenesis and Imaging Facility
The University of Western Ontario		Beier, Frank	Molecules, Materials and Mobility – Translational Research in Musculoskeletal Health
The University of Western Ontario		Gillies, Elizabeth	Biomaterials Nanoscale Imaging and Characterization (BIONIC)
The University of Western Ontario		Li, Shun-Cheng (Shawn)	Pathways to Precision Medicine: Infrastructure to Elucidate Regulatory Networks in Cancer
The University of Western Ontario	University of Toronto	Linnen, Robert	Interactive Exploration Laboratory
The University of Western Ontario		Newson, Timothy	Enhancing the Resilience and Sustainability of Critical Geotechnical Infrastructure
The University of Western Ontario	London Health Sciences Centre	Shoemaker, J. Kevin	Brain Health and Mobility
The University of Western Ontario	University of Ottawa	Sun, Xueliang	Energy Materials Centre
The University of Western Ontario	Université Laval, The University of British Columbia	Wang, Xianbin	Reconfigurable Testbed for Enabling Technology Innovation in 5G Networks
The University of Winnipeg		Wiebe, Christopher	The Molecular and Extended Solid-State Structure Analysis (MESA) Facility
The University of Winnipeg		Willis, Craig	Genes to Pathways to Populations: Enhancing Capabilities of the Campus Wildlife Laboratory for Disease and Ecology
Toronto Zoo		Mastromonaco, Gabriela	Applied Reproduction Centre for Conservation
Trent University	Sir Sandford Fleming College, University of Ontario Institute of Technology	Murray, Dennis	ENVIRO-GEN: Integrating Next Generation Sequencing as the Final Frontier in Environmental Research
Université de Moncton		Surette, Marc	Centre of Excellence for Precision Medicine
Université de Montréal	McGill University	Benyekhlef, Karim	Adaptation de l'infrastructure de recherche du Laboratoire de cyberjustice aux évolutions technologiques
Université de Montréal	McGill University	Chaurand, Pierre	Modern imaging mass spectrometry of lipids. Application to liver disorders
Université de Montréal	Dalhousie University, Institut de recherches cliniques de Montréal (IRCM), McGill University, Mount Sinai Hospital, University of Ottawa, University of Toronto	Coulombe, Benoît	A national technology resource in quantitative proteomics to characterize interactome dynamics in health and disease
Université de Montréal	McGill University, Royal Military College, The University of British Columbia, The University of Western Ontario, University of Toronto	Doyon, René	SPIRou: An All-Sky Near-Infrared Spectro-Polarimeter for the Detection and Characterization of Terrestrial Exoplanets
Université de Montréal		Geitmann, Anja	Platform for Multi-scale Real-time Imaging of Biological Interactions
Université de Montréal		Hanan, Garry	Improving the energy efficiency of photo- and mechano-chemical reactions by continuous monitoring
Université de Montréal		Karsenti, Thierry	Laboratoire de vidéo data-mining et de visualisation de données vidéo sur les usages et impacts du numérique éducatif
Université de Montréal	Centre hospitalier de l'Université de Montréal (CHUM)	Lacaille, Jean-Claude	Neurophenotyping Platform for Brain Diseases
Université de Montréal		Lafortune, Denis	Laboratoire de recherche sur la maltraitance, la délinquance des adolescents et des jeunes adultes
Université de Montréal	Concordia University, McGill University, Université du Québec à Montréal	Larivière, Vincent	PRÉÉO: Plateforme de recherche et expérimentation pour l'édition ouverte
Université de Montréal	Centre hospitalier de l'Université de Montréal (CHUM)	Mes-Masson, Anne-Marie	Predicting and monitoring treatment response in cancer patients
Université de Montréal	CHU Sainte-Justine	Michaud, Jacques	Research Platform for Rare Pediatric Diseases (RaPiD)
Université de Montréal	Institut de recherches cliniques de Montréal (IRCM)	Moroy, Tarik	Single Cell Analysis Research Platform (SCARP)
Université de Montréal		Nanci, Antonio	Innovations in Medicine and Nanotechnology Based on Cutting-Edge Molecular Imaging
Université de Montréal	McGill University	Piché, Jean	Live Expression "in situ": Musical and Audiovisual Performance and Reception
Université de Montréal	Hôpital Maisonneuve-Rosemont - Université de Montréal	Roy, Denis-Claude	A unique GMP Protein and vector production academic facility
Université de Montréal	Hôpital Maisonneuve-Rosemont - Université de Montréal	Sauvageau, Guy	A Chemo- and Proteo-genomic Approach for Personalized Medicine in Acute Myeloid Leukemia

Université de Montréal		Schiettekatte, François	Innovation platform in plasma processing of nanostructured thin films with in plasma characterization of materials
Université de Montréal	Centre hospitalier de l'Université de Montréal (CHUM), Hôpital Maisonneuve-Rosemont - Université de Montréal, Institut de Cardiologie de Montréal, Sunnybrook Health Sciences Centre, The Sir Mortimer B. Davis - Jewish General Hospital, University of Alberta, The University of British Columbia	Tardif, Jean-Claude	National Infrastructure for Innovative Multicenter Clinical Research
Université de Montréal		Troncy, Eric	Preclinical models for basic investigation and clinical transfer in animal health
Université de Montréal		Wilkinson, Kevin	Multiscale determinations of the ecological risk of emerging contaminants in a changing world
Université de Sherbrooke	McGill University	Beaulieu, Carole	Complexe de recherche intégrative en sciences végétales et environnementales (CORSEVE)
Université de Sherbrooke		Braidy, Nadi	In situ, microscopy and microanalysis of materials (iM3)
Université de Sherbrooke		Carpentier, André	Improving type 2 diabetes outcome prediction through molecular imaging
Université de Sherbrooke		Leconte, Robert	Complexe de recherche multi-échelle en hydrologie, hydraulique et environnement
Université de Sherbrooke		Paultre, Patrick	Système de chargement avec conditions aux limites de haute capacité
Université de Sherbrooke	Concordia University, McGill University	Reulet, Bertrand	New Initiative for Quantum Information Science and Technology – NIQUIST
Université de Sherbrooke		Sarret, Philippe	Treating pain : from molecular design to preclinical applications
Université du Québec - École de technologie supérieure	École Polytechnique de Montréal, McGill University, Université de Moncton, Université du Québec - Institut national de la recherche scientifique, University of Toronto	Cheriet, Mohamed	Smart Innovation District of Montreal
Université du Québec - École de technologie supérieure		Dessaint, Louis-A.	Un microréseau à l'énergie solaire pour la recharge de véhicules électriques et un édifice à zéro énergie nette
Université du Québec - Institut national de la recherche scientifique		Francus, Pierre	Accroître la polyvalence du centre multidisciplinaire de scanographie pour les ressources naturelles et le génie civil
Université du Québec - Institut national de la recherche scientifique		Légaré, François	Advanced beamline for high field mid-Infrared and THz science
Université du Québec - Télé-université	Université du Québec - École de technologie supérieure	Mezghani, Neila	Environnement virtuel et augmenté pour la santé et sécurité de la population canadienne
Université du Québec à Chicoutimi		Morin, Hubert	Flux de carbone et de nutriments déterminant la productivité des écosystèmes boréaux
Université du Québec à Chicoutimi		Perron, Jean	Mise à jour et modernisation de l'infrastructure du laboratoire international des matériaux antigivre
Université du Québec à Chicoutimi		Pichette, André	Optimisation d'une plate-forme dédiée à l'étude des produits naturels
Université du Québec à Montréal		Dubuc, Réjean	KINOPOLE: A Pole of Excellence for Research in Adapted Physical Activity
Université du Québec à Montréal	Concordia University	Gervais, Bertrand	NT2 sémantique: pour un écosystème numérique d'Environnements de recherches et de connaissances
Université du Québec à Montréal		Harvey, Pierre-Léonard	Laboratoire ouvert de recherche et d'expérimentation des systèmes sociaux numériques
Université du Québec à Montréal	Université du Québec - École de technologie supérieure	Izquierdo, Ricardo	Plateforme pour la conception, la caractérisation et l'intégration de dispositifs nanoscopiques dans des microsystèmes
Université du Québec à Montréal	Université du Québec - Télé-université, Université du Québec en Abitibi-Témiscamingue, Université du Québec en Outaouais, Université du Québec à Trois-Rivières	Kneeshaw, Daniel	Monitoring and adapting forests under global change
Université du Québec à Rimouski	University of Victoria, Dalhousie University	Montes, Martin	COLI (Compact Oceanographic Light detection and range system)
Université du Québec à Rimouski		Tremblay, Réjean	Station benthique - un outil indispensable des fonctions de l'environnement subissant des pressions anthropiques
Université du Québec à Trois-Rivières	Université du Québec à Montréal	Asselin, Eric	Plateforme québécoise inter-universitaire en médecine personnalisée

Université du Québec à Trois-Rivières	Cégep de Trois-Rivières, Collège Lionel-Groulx, University of Victoria	Chahine, Richard	i.Energie - Plateforme et réseau d’innovations en énergie de remplacement, nouveaux matériaux et performance énergétique
Université Laval		Bernatchez, Louis	LARSEM: Laboratoire Aquatique de Recherche en Sciences Environnementales et Médicales
Université Laval		Bhiry, Najat	Centre de recherche et d’innovation en transfert de connaissances multisectorielles nordiques
Université Laval		Boivin, Guy	Platform for vaccine development and evaluation
Université Laval	Institut de technologie agroalimentaire	Caron, Jean	Créneaux d’innovation en gestion des ressources, génomique et technologie de production agricole et forestière
Université Laval	Cégep de Rimouski, Cégep de Trois-Rivières, Université du Québec à Trois-Rivières	Cloutier, Alain	Laboratoire de conception et caractérisation des matériaux renouvelables
Université Laval		De Koninck, Yves	Neurophotonics Initiative, phase II
Université Laval		Fortier, Louis	Community-based, cabled oceanographic observatories in Hudson Bay and Ungava Bay
Université Laval		Julien, Pierre	Research infrastructure for the study of structural and functional lipids: Impact on mother and neonatal health
Université Laval		LaRochelle, Sophie	Electronic/photonic microsystems for next generation high capacity communications
Université Laval		Leclerc, Mario	Integrated Platform for Materials Innovation
Université Laval		Masson, Jean-Yves	High-Throughput Cellular Functional Genomic Screening for Discovery of New Cancer Therapies
Université Laval		Morin, Charles	Centre d'excellence en interventions psychosociales pour troubles de santé mentale
Université Laval		Richard, Denis	The Complex and Shared Etiology of Noncommunicable Chronic Diseases
Université Laval		Turgeon, Sylvie	Qualité nutritionnelle des aliments et déterminants de l’adhésion aux saines habitudes alimentaires
University Health Network		Fernie, Geoffrey	DriverLab: Developing advanced driving simulation technologies to support safe driving in older and at-risk drivers
University Health Network		Gaisano, Herbert	Centre for Islet Research and Therapeutics (CIRT)
University Health Network		Jaffray, David	Integrative Systems-Level Imaging (ISLI)
University Health Network		Jurisica, Igor	Accelerating Medical Research with IBM Watson
University Health Network		Keshavjee, Shaf	Organ Repair Laboratory
University Health Network		Lee, Douglas	Academic Centre for Health services Innovations and Evaluation in Virtual Environments (ACHIEVE)
University Health Network		Neel, Benjamin	High-resolution spatiotemporal and biochemical visualization discovery tools to enable personalized cancer medicine
University Health Network		Weaver, Donald	D5A: Design & Development of Drugs for Degenerative Disorders of Aging
University of Alberta		Al-Hussein, Mohamed	Universal Design Studio Research Lab (UDS-Lab): Immersive Research Technologies and Driving Simulation
University of Alberta		Bressler, David	The Biofoundry: Engineered Biological Functionality for Applications across Western Canada's Resources Based Industries
University of Alberta		Carey, Jason	Alberta Tele-presence-Assisted Medical Device Development (AB-TAMeDD) Centre
University of Alberta		Davidge, Sandra	WCHRI Research Network
University of Alberta		Fallone, B. Gino	Comprehensive Tumour-tracked Radiotherapy Center
University of Alberta		Grant, Darren	Canadian Astroparticle Research in Antarctica
University of Alberta		Joseph, Timothy	Centre for Mining Equipment Research
University of Alberta	Simon Fraser University, University of Victoria	Lowary, Todd	GlycoScreen: The Alberta-BC Glycan Screening Centre
University of Alberta		Pearson, David	Grain-scale mapping and micro-analysis of natural resources
University of Alberta		Plastow, Graham	Advancing Agricultural Innovation and Preparing the Leaders of Tomorrow through Genomics
University of Alberta	University of Calgary	Tonelli, Marcello	Research Facility for Innovative Dialysis (REFINED)
University of Alberta		Wishart, David	The Centre for Translational Clinical Metabolomics: From Discovery to Practice
University of Calgary	University of Alberta	Bains, Jaideep	Facility for Optogenetics and Connectomics in Understanding Stress [FOCUS] on the Neurobiology of Mental Health
University of Calgary		Cheng, Frank	Technology innovation toward zero incident pipelines
University of Calgary		Donovan, Eric	Transition Region Explorer (TREx)
University of Calgary		Kubes, Paul	Centre for Live Cell Imaging
University of Calgary		Okoniewski, Michal	Electromagnetic Extraction Providing Enhanced Recovery Technologies (EXPERT)
University of Calgary		Schuurmans, Carol	Model Organism Research for Pediatric Health (MORPH) Program

University of Calgary	Simon Fraser University,The University of British Columbia, York University	Thompson, Robert	ALPHA-g: An apparatus to explore antimatter gravity with cold trapped antihydrogen
University of Guelph		Hebert, Paul	Macrobiomics Research Facility
University of Guelph		Ladizhansky, Vladimir	Enhancement of Structural Biology Facilities at Guelph: From Protein Structure to Biomedical Applications
University of Guelph		Mohanty, Amar	Advanced Biorefinery and Renewable Carbon Centre for Sustainable Manufacturing
University of Guelph		Pauls, Peter	Next Generation Innovations in Crop Improvement: through Genomics, Metabolomics, Phenomics and Bioinformatics
University of Guelph	Simon Fraser University	Svensson, Carl	GRIFFIN Compton and Background Suppression Shields
University of Guelph		Wagner-Riddle, Claudia	Evaluating Soil Health and Soil Ecosystem Services for Improved Performance of Agro-ecosystems under Climate Change
University of Guelph		Whitfield, Christopher	Facility for correlative super-resolution light and scanning electron microscopy
University of Lethbridge		Sutherland, Robert	Dynamic Brain Mapping: Cell signalling to systems function
University of Lethbridge		Wieden, Hans-Joachim	Development of an Open Synthetic Biology and Bioengineering Platform
University of Manitoba	University of Calgary, University of Victoria	Barber, David	The Churchill Marine Observatory
University of Manitoba		Fayek, Mostafa	Isotopic and Chemical Techniques for Sustainable Resource Extraction in Northern Canada and the Arctic
University of Manitoba		Freund, Michael	Advanced characterization and manufacturing facility for electronic materials
University of Manitoba		Hatch, Grant	Dissecting the fetal origins of type 2 diabetes (T2D) in children: A Translational Research Program
University of Manitoba		Paliwal, Jitendra	Grain Storage Research Facility – Critical Infrastructure for Transformative Research
University of Manitoba		Wilkins, John	Next generation proteomics in human biology and medicine
University of New Brunswick		Albert, Wayne	Centre for Healthy Living and Rehabilitation
University of New Brunswick		Ni, Yonghao	Innovations in Lignocellulosic Materials
University of Northern British Columbia		Dery, Stephen	An Integrative Approach to Assess Ecosystem Change
University of Ontario Institute of Technology	Algoma University	McGregor, Carolyn	Immersive Facility for Human Centered Research, Big Data Analytics and Remote Collaboration
University of Ottawa		Bell, John	Innovating Biotherapeutic Manufacturing
University of Ottawa		Boycott, Kym	University of Ottawa Rare Disease Translational Medicine Centre (uOttawa RD-MED)
University of Ottawa		Liu, Peter	Centre of Original Medical Target Evaluation & Translation: Accelerating First In Human Innovation Strategy (COMET-Alpha
University of Ottawa		Park, David	Deciphering brain network disruptions in neurological disorders: A pivotal step in therapeutic intervention
University of Ottawa		Rudnicki, Michael	Stem Cell Epigenetics and Therapeutics
University of Ottawa		Scaiano, Juan (Tito)	Advanced Materials: From Designer Molecules to Transformative Devices
University of Ottawa		Stolow, Albert	Coherent X-Ray Photonics: A Technology Unifying Materials, Imaging and Ultrafast Science.
University of Regina		Babu, Mohan	Mapping membrane-linked cancer and neurodegenerative protein and genetic interaction networks for drug target discovery
University of Regina		Morgan, Yasser	The BRIC Public-Safety Platform
University of Saskatchewan	University of Regina	Babyn, Paul	Saskatchewan Molecular Imaging Centre
University of Saskatchewan		Chapman, L Dean	Centre for In-Vivo X-Ray Phase Imaging
University of Saskatchewan	McGill University, Queen's University, University of Alberta, University of Calgary, University of Manitoba, The University of British Columbia, University of Toronto, University of Victoria	Cygler, Miroslaw	Toward Cutting Edge Science: Establishing Advanced Micro-beam Capability for Macromolecular Crystallography at the CLS
University of Saskatchewan		McKinnon, John	Strategies to Enhance the Sustainability of the Canadian Beef Industry
University of Toronto		Bazylak, Aimy	University of Toronto Institute for Sustainable Energy Laboratory
University of Toronto		Campbell, Malcolm	Centre for Analysis of Near-Urban Environments (CANUE)
University of Toronto		Chazan, Michael	The Human Timescale Project (HTP): An Integrated Archaeological and Quaternary Science Radiocarbon Dating Facility
University of Toronto		Cunningham, William	Building on Liveable Diversity (BOLD) Project
University of Toronto		Eleftheriades, George	CERES: Centre for Reconfigurable Electromagnetic Surfaces

University of Toronto	Mount Sinai Hospital	Farkouh, Michael	Translational Cardiovascular Assessment Centre
University of Toronto		Goh, M Cynthia	The Cellular Engineering Pipeline: Synthetic biology design, optimization, and deployment
University of Toronto	University of Calgary	Gunning, Patrick	Centre for Cancer Stem Cell Therapeutics
University of Toronto	Vineland Research and Innovation Centre	Guttman, David	Food security in a changing world: Centre for Plant-Microbe Chemical Genomics
University of Toronto	Université de Montréal, University of Ottawa, University of Waterloo	Helmy, Amr	Canadian Entangled Photon Source
University of Toronto		Herman, Peter	Lab-in-Fibre: Smart glass probing and distributed sensing microsystems
University of Toronto		Hu, Howard	Discovery BiDESIGN (Big Data for Exposomic Science Integrated with Genomics Network)
University of Toronto		L'Abbe, Mary	Centre for Child Nutrition, Health and Development
University of Toronto		Lehn, Peter	Laboratory for Power Electronically enabled Electrical Energy Networks
University of Toronto	University of Victoria, University of Waterloo, York University	Leon-Garcia, Alberto	Testbed for Software-Defined Infrastructure
University of Toronto		Lo, Hoi-Kwong	Smart Distribution Power System based on Quantum Communication Technology
University of Toronto		Lye, Stephen	Systems Science of Human Development
University of Toronto	University Health Network	Marbach, Peter	Smart Sensing and Big Data Applications
University of Toronto		Naguib, Hani	Infrastructure for the Toronto Institute of Advanced Manufacturing TIAM
University of Toronto	University Health Network	Nejat, Goldie	The Institute for Robotics and Mechatronics (IRM) Laboratory
University of Toronto	St. Michael's Hospital	Nodwell, Justin	Foundation infrastructure for drug target identification in a centre for collaborative drug research
University of Toronto		Pen, Ue-Li	Canadian VLBI Infrastructure
University of Toronto		Radisic, Milica	Center for Organ-on-a-Chip Engineering
University of Toronto		Sidhu, Sachdev	Engineered Biologics - Targeted Diagnostics and Therapeutics
University of Toronto		Stinchcombe, John	Laboratory infrastructure to explore biological responses to global change
University of Toronto		Tepass, Ulrich	Nanobiology of normal development and human disease
University of Toronto		Walker, Gilbert	Infrastructure for Cell Surface Characterization
University of Victoria		Bradley, Colin	Discovering A New Earth - The Exoplanet Imaging Laboratory and MAPLE Stratospheric Balloon-Borne Telescope
University of Victoria	Carleton University, University of Guelph, McMaster University, McGill University, Université de Montréal, Queen's University, The University of Western Ontario, Saint Mary's University, Simon Fraser University, University of Alberta, University of Calgary, University of Manitoba, University of Regina, University of Northern British Columbia, University of Toronto, The University of British Columbia, The University of Winnipeg, York University	Karlen, Dean	ARIEL-II: Completion to Science
University of Victoria	Dalhousie University, University of Alberta, Université du Québec à Rimouski, Université du Québec à Montréal, The University of Western Ontario, The University of British Columbia	Moran, Kate	Marine Geohazards Research Centre
University of Victoria	McGill University, The University of British Columbia, Université de Montréal	Roney, J. Michael	Belle II nanosecond calorimetry for discovery research in particle physics
University of Waterloo		Boumaiza, Slim	Center for 5G Wireless Radio Electronics
University of Waterloo		Chen, Zhongwei	Nanoscale X-ray Computed Tomography Facility for Clean, Sustainable Electrochemical Energy Technologies

University of Waterloo		Dixon, Brian	WATER Lab: Waterloo Aquatic Toxicology, Environmental immunology and Remediation laboratory
University of Waterloo	Dalhousie University, McMaster University, McGill University, Saint Mary's University, The University of Western Ontario, University of Calgary, University of Toronto, The University of British Columbia, University of Lethbridge	Fich, Michel	CCAT: the next generation submillimetre survey telescope
University of Waterloo		Hopkins, Scott	Elucidation of Physico-chemical properties of Isolated Quantum-confined Nanoclusters
University of Waterloo		Kelly, Richard	Geospatial Socio-Ecological Research Facility
University of Waterloo		Leung, Tong	Advanced Materials Ontario: Enabling emerging technologies with defect-free multifunctional materials
University of Waterloo		Lupascu, Adrian	Infrastructure for large-scale experiments with superconducting nanodevices with applications in quantum technologies
University of Waterloo		Majedi, Hamed	Integrated Quantum Nanophotonic Characterization Facility
University of Waterloo		Mansour, Raafat	A Platform for CMOS-MEMS Integration and Characterization
University of Waterloo		McIlroy, William	Advanced aging ResearCH (ARCH) to transform health and well-being of older adults
University of Waterloo		Melek, William	The RoboHub: A Robotic Test Facility for Multi-Robot Teams
University of Waterloo		Murphy, Stephen	Ecosystem Change Laboratory: New Technologies Using Big Data to Assess Coupled Environmental Change & Economic Impacts
University of Waterloo		Nazar, Linda	Empowering the Grid with Energy Storage and Efficiency: Electrical Energy Materials
University of Waterloo		Price, Jonathan	Wetland Ecosystem Terrain Systems Simulator (WETSyS)
University of Waterloo		Vogel, Daniel	Facility for Fully Interactive Physio-digital Spaces
University of Waterloo		Wong, William	Facility for Advanced Large-area Flexible Nanotechnology (ALFN)
University of Windsor	Carleton University, St. Lawrence River Institute of Environmental Sciences, Trent University, University of Toronto	Fisk, Aaron	Great Lakes Underwater Observatory Network
University of Windsor		Kar, Narayan	Electrified Vehicle Laboratory
Vancouver Aquarium Marine Science Centre		Solomon, Eric	Enhanced Research Capacity for a Changing Arctic Environment
Wilfrid Laurier University		Marsh, Philip	The Changing Arctic Network (CA-NET)
Women's College Hospital		Narod, Steven	Measuring Low Frequency Genetic Markers for Cancer Management
York University		Brixey, Shawn	3Space: Accelerating Convergence and Innovation in Spatial Imaging, Interactive Digital Environments, and Locative Media
York University		Daly, Michael	Canadian Planetary Simulator (CAPS)
York University		Farrow, Trevor	New Frontiers in Dispute Resolution
York University		Hood, David	Skeletal Muscle, Aging and Aging-related Diseases
York University		McElroy, Tom	Suborbital Payload Research Centre (SPaRC)
York University		Peng, Chun	Analytical biotechnologies for the development of microRNA diagnostics
York University		Wu, Jianhong	Advanced Disaster, Emergency and Rapid Response Simulation (ADERSIM) Program