

## **Cyberinfrastructure Initiative - Challenge 1 - Competition 1 NOIs**

The following provides a list of all notices of intent (NOI) submitted to the first competition of the Cyberinfrastructure initiative - Challenge 1. The CFI has received 37 NOIs from 23 eligible institutions, requesting over \$53 million from the CFI.

Administrative Institution	Project Leader Full Name (Last, First)	Project Title
Brock University	Segalowitz, Sidney	EEGLab - HPC Integration
Dalhousie University	Matwin, Stan	MERIDIAN: Marine Environmental Research Infrastructure for Data Integration and Application Network
McGill University	Evans, Alan	CBRAIN: A national high-performance computing platform for brain research
McGill University	Fortier, Isabel	Maelstrom Research - Canadian Harmonization Infrastructure (CHaIn)
McMaster University	Koff, David	A Pan-Canadian Data Collection and Analysis Platform for Patient Radiation Protection and Safety
McMaster University	Spencer, Byron	The Canadian Research Data Centre Network: New Frontiers in Health and Social Science Research
Ontario College of Art and Design University (OCAD University)	Treviranus, Jutta	Inclusive Learning Analytics
Queen's University	Birtwhistle, Richard	Ongoing Development and Enhancement of a National Primary Care Electronic Medical Record Network for Research
Simon Fraser University	Breden, Felix	Immune Receptor Repertoire Data Commons for Personalized Immunotherapy
St. Michael's Hospital	Mamdani, Muhammad	GEMINI: A Canadian General Medicine Inpatient Clinical Research Platform
Sunnybrook Health Sciences Centre	Earle, Craig	Patient-Centric Research Cyber-Infrastructure (PCR-CI)
Sunnybrook Health Sciences Centre	Schull, Michael	Pan-Canadian Real-world Health Data Network - Primary Care (PRHDN-Primary Care)
The Hospital for Sick Children	Brudno, Michael	Distributed infrastructure for genomics data sharing and analysis
The University of British Columbia	Wasserman, Wyeth	DATA: Databases, Analytical pipelines, Tools and Approaches for "Big Data"
The University of British Columbia	Fels, Sidney	Parametric Human Platform for Biomedical and Ergonomic Research
The University of British Columbia	Sumaila, Rashid	Interdisciplinary, Integrated Data Platform for Oceans and Fisheries Research (O-Fish D-Platform)
The University of Western Ontario	Daley, Mark	Data-Driven Massive Mesoscale Models of the Brain
The University of Western Ontario	Wells, George	Heart-SIGN - System for Information Gathering and
Université de Montréal	Karsenti, Thierry	Écosystème de collecte, gestion, traitement et visualisation de données sur les technologies mobiles en éducation
Université de Montréal	Bengio, Yoshua	Software Infrastructure for Deep Learning
Université de Montréal	Larivière, Vincent	Open Science SSH Cyberinfrastructure
Université de Montréal	Bruneau, Anne	Canadian Biodiversity Observatory / Observatoire canadien de la biodiversité
University Health Network	Jurisica, Igor	Next Generation Signalling Biology Platform
University of Alberta	Moore, Ronald	Pan-Canadian Integrative Framework for Surgical Synoptic Reporting:
University of Calgary	Murray, Maribeth	Canadian Consortium for Arctic Data Interoperability: Data Sharing & Analysis for Arctic Research & Northern Communities
University of Guelph	Hebert, Paul	BOLD: Advancing the Automation of Biodiversity Science
University of Guelph	Brown, Susan	Examine: A National Platform to Mobilize Data for Cultural Inquiry
University of Manitoba	Soderstrom, Melanie	SecureHomeBank: A mechanism for allowing research access to confidential child language recordings
University of Manitoba	Lobb, David	Canadian Watershed Information Network (CanWIN)
University of Ottawa	Prud'homme, Denis	Data and Information Platform on Francophone Health
University of Ottawa	Forster, Alan	Amplifying the Patient Voice through Enhanced Process Orientation to Achieve Affordable Patient- and Population-Centered
University of Saskatchewan	Bedard-Haughn, Angela	Canadian Digital Soil Data Consortium

University of Toronto	Gaensler, Bryan	A Universe of Data and Complexity: The Convergence of Climate Physics, Astrophysics and Cosmology
University of Toronto	Provat, Nicholas	Fifteen ePlant Apps for the BAR and other Plant Cyberinfrastructure Resources
University of Victoria	Sobie, Randall	Distributed data and cloud computing system for high energy physics
University of Victoria	Pritchett, Christopher	Convergence of Simulations and Observations on the CANFAR Cloud Platform
University of Waterloo	Ioannidis, Marios	Cyberinfrastructure for Advanced Structured Materials Imaging