



McLaughlin Centre 2013 Accelerator Grant Competition Awards

	Project Title	Applicants	Affiliation
1	Optimizing translation of molecular diagnostic testing for adults with schizophrenia and related neuropsychiatric illnesses	Anne Bassett (PI), James Stavropoulos, Kathleen Hodgkinson, Wendy Meschino	Centre for Addiction and Mental Health, The Hospital for Sick Children, Memorial University, North York General Hospital
2	Exploring the Complexity of Pediatric Brain Tumors with Advanced Genomics and Novel Statistical Methods	Laurent Briollais (PI), John McLaughlin	Mt. Sinai Hospital
3	PhenoTips and MedSavant: Computational Infrastructure to Enable Genomic Medicine	Michael Brudno (PI), David Chitayat, Joyce So, Hanna Faghfoury, Peter Ray, Jim Stavropoulos	University of Toronto, Mt. Sinai Hospital, Centre for Addiction and Mental Health, The Hospital for Sick Children, University Health Network
4	Validation of Germline Copy Number Variants in Colorectal Cancer	Steve Gallinger (PI)	Mt. Sinai Hospital
5	Cancer prevention and treatment by molecular epidemiology	Igor Jurisica (PI), William Klement, Max Kotlyar	University Health Network, Ontario Cancer Institute
6	Idiopathic Juvenile Osteoporosis - The Next Generation of Sequencing Data	Peter Kannu (PI), Lucie Dupuis, Daniele Merico, Etienne Sochett, David Cole	The Hospital for Sick Children, Sunnybrook Hospital
7	BDNF as a potential biomarker in psychiatry: epigenetic regulation and associations with intermediate phenotypes	Daniela Lobo (PI), John Strauss, Christian Hendershot, Bernard LeFoll, James L. Kennedy	Centre for Addiction and Mental Health
8	Identifying the genes and underlying causes for intractable epilepsies by next generation sequencing.	Saadet Mahmutoglu (PI), Berge Minassian	The Hospital for Sick Children
9	Tuberculosis and disease transmission: The science behind being in the wrong place at the wrong time	Carolina Mehaffy (PI), Frances Jamieson, David Farrell, Andrew Emili, Elizabeth Rea	Public Health Ontario, Toronto Public Health University of Toronto
10	Dissecting the genetic aetiology of obstructive sleep apnea.	Sutapa Mukherjee (PI), Lyle Palmer, Zdenka Pausova	Women's College Hospital, The Hospital for Sick Children, Ontario Institute for Cancer Research
11	Identifying Disease Genes for Medullary Sponge Kidney (MSK) Disease	York Pei (PI), Andrew Paterson	University Health Network, The Hospital for Sick Children
12	Development of a Diagnostic NanoString-Based Test for Paediatric Neoplasia	Gino Somers (PI), Cynthia Hawkins, Michael Brudno	The Hospital for Sick Children, University of Toronto
13	Tailoring Therapy to Epigenetic Mutations in Sonic Hedgehog Driven Medulloblastoma	Michael Taylor (PI)	The Hospital for Sick Children
14	Gene Discovery for Syndromic Intellectual Disability by Exome Sequencing	Rosanna Weksberg (PI), Evdokia Anagnostou, Cheryl Cytrynbaum	The Hospital for Sick Children, Holland Bloorview Kids Rehabilitation Hospital
15	Whole genome sequencing in paediatric care: An informed implementation	Randi Zlotnik Shaul (PI), Michael Szego, Cheryl Shuman, Robin Hayeems, Stephen Meyn	The Hospital for Sick Children, St. Joseph's Hospital, University of Toronto