

2026 Accelerator Grant Awardees

	Project Title	Investigator(s) ¹	Institution(s) ²
01	Precision Health Across the Lifespan: Integrating Pediatric and Adult Genomic Data for Enhanced Ancestry Inference and Chronic Disease Risk Among Black Canadians	Upton Allen (PI) Husam Abdel-Qadir Juliet Daniel OmiSoore Dryden Carl James Loydie Majewska Andrew Paterson genCARE Project Team	The Hospital for Sick Children Women's College Hospital McMaster University Dalhousie University York University McGill University
02	Examining and comparing ADHD treatment patterns across neurodevelopmental disorders	Danielle Baribeau (PI) Evdokia Anagnostou Jennifer Crosbie Natasha Saunders Brett Trost Jacob Vorstman Jonathan Zipursky	Holland Bloorview Research Institute The Hospital for Sick Children Sunnybrook Research Institute
03	The Long Road to Long-Reads: Building a SickKids Long-Read Analysis Pipeline and Data Access Infrastructure	Greg Costain (PI) Christian Marshall Andrei Turinsky Evdokia Anagnostou Jennifer Crosbie Katie Fooks	The Hospital for Sick Children Holland Bloorview Research Institute
04	An Impact Evaluation of The INFANT Study (Identifying at risk Newborns From the Analysis of NGS Testing)	Robin Hayeems (PI) Neal Sondheimer Kristin Kernohan Erika Bariciak Deirdre Weymann Steven Hawken Yiming Wang Whiwon Lee Suzanne Deliscar Ulliaq Kowmuk Jennifer Milburn Kristin Taylor Hillary Vallance Helen Mai David Bick James Buchanan	The Hospital for Sick Children Children's Hospital of Eastern Ontario Ottawa Hospital Research Institute Newborn Screening Ontario Ontario Ministry of Health BC Newborn Screening Program BC Cancer Canada's Drug Agency Genomics England Queen Mary University of London
05	Enhancing the Discovery of Non-Coding Variants in Congenital Heart Disease through Cross-Cohort Genome Integration	Rebekah Jobling (PI) Ian Scott Michael Wilson Esra Erkut Roosbeh Manshaei	The Hospital for Sick Children Ted Rogers Centre for Heart Research
06	A mechanism-aware pipeline for prioritizing rare non-coding variants in population-scale genome datasets	Christian Marshall (PI) Brett Trost Anna Szuto Madeline Couse	The Hospital for Sick Children
07	Towards the construction of a Canadian Population Reference Resource	Jared Simpson (PI) Dustin Sokolowski Lisa Strug Ryan Yuen	Ontario Institute for Cancer Research The Hospital for Sick Children

08	Enhanced sequencing capabilities for the Canadian Precision Health Initiative	Richard Wintle (PI) Upton Allen Evdokia Anagnostou Kym Boycott Bruce Carleton Tomasz Czarny	The Hospital for Sick Children Holland Bloorview Research Institute Children’s Hospital of Eastern Ontario BC Children’s Hospital
09	Feasibility of long-read sequencing on saliva and buccal cells for genomic and epigenomic analyses	Ryan Yuen (PI) Evdokia Anagnostou Jared Simpson	The Hospital for Sick Children Holland Bloorview Research Institute Ontario Institute for Cancer Research

¹ Bold indicates Lead or Co-Lead Principal Investigator (PI)

² Bold indicates Lead Institution