



Children's Hospital Research Institute of Manitoba *Fast Facts*

- Established in 2001, the Children's Hospital Research Institute of Manitoba is the research division of the Children's Hospital Foundation of Manitoba and is the only facility of its kind dedicated exclusively to pediatric research in the Prairie Provinces.
- Located in the John Buhler Research Centre within the Health Sciences Centre site and the University of Manitoba Bannatyne Campus, the Institute property occupies 60,000 square feet of state-of-the-art clinical, laboratory, and administrative space.
- At the Institute, over 270 world-class pediatric medical researchers, technical staff, students and support staff are involved in over \$10 million of research and clinical trial activity each year.
- Research is the key to saving lives, making sick children well again, and preventing kids from getting sick in the first place. The Institute offers hope to children and their families with research findings that aim to improve the lives of children in Manitoba and across the world.
- At the Research Institute, a unique framework of research themes encourages collaboration between clinicians and basic scientists and helps bridge the gap between discoveries made at the lab bench to advances in the prevention, treatment, and diagnosis of childhood illness and disease.
- The Biology of Breathing is an innovative initiative bringing together internationally recognized, well-funded researchers in a multi-disciplinary program focused specifically on pediatric respiratory challenges such as asthma, the most common chronic condition affecting children in Canada and the top reason for children's hospitalizations. Additional emerging research themes currently in development at the Institute include neurosciences, and diabetes and nutrition.
- The Institute is home to many international clinicians and scientists specializing in various research areas, including:
 - Vaccines for pediatric infectious diseases
 - Genetics
 - Nutrition and metabolism
 - Childhood obesity and physical activity in children and youth
 - Allergic disorders ranging from asthma to food allergies
 - Type 1 & Type 2 diabetes
 - Kidney disease and transplantation
 - Neurosciences
 - Autism spectrum disorder
 - Neonatology
 - Pediatric HIV
- The Children's Hospital Foundation of Manitoba is the main funding source for the ongoing operational needs of the Institute, while most faculty hold national and international peer reviewed and/or industrial funding to support their research and trainees. The Foundation also invests directly into research by providing core funding for developing new research projects, infrastructure, and administrative support for scientists to conduct their ground breaking work. Major funding is also allocated to salary support through stipends for undergraduate summer students, graduate students, post-doctoral and clinical fellows in training.

- The Diabetes Research Envisioned and Accomplished in Manitoba (DREAM) theme is working to create an environment and provide the infrastructure to support state-of-the-art epidemiological and basic science research in the area of obesity and T2D complications in youth