

## McMaster Child Health Research Institute

Acting Director: Dr. Peter Rosenbaum

For Canada, the development of our children and youth will determine our future. Nearly one million Canadian children have health conditions leading to physical, social, emotional, developmental, and/or intellectual problems. Over 500,000 Canadian children and youth have health needs that compromise their physical, social and/or emotional health, developmental capacities, and optimal participation in everyday life within our communities.

The children who experience long-term problems of health or development have ‘complicated’ lives, as do their families. As these children and youth with ‘paediatric’ disorders develop through their formative years and move toward adulthood they – and their families – face major challenges in many spheres of their lives. By virtue of its constellation of internationally recognized child health research scholars the McMaster Child Health Research Institute will be uniquely placed in Canada to bring innovative approaches to address these challenges. The newly established Institute will coordinate, initiate, and support interfaculty, interdisciplinary research and training in child health research and family well-being from a ‘life course’ perspective. As such it will be integral to the Collaborations for Health initiative at McMaster that aims to highlight and foster collaborative interdisciplinary health-related research and education.

The institute will build on existing research strengths focused on understanding and optimizing physical, social and/or emotional health, and developmental capacity of children and youth at risk by virtue of chronic health problems, developmental impairments, or social adversity.

### Institute Objectives:

- To conduct child health research focused on understanding and optimizing physical, social and/or emotional health, and developmental capacity of children and youth with ‘complicated’ lives;
- To develop knowledge regarding the long-term effects of childhood disease and disability on the life course of the children and youth, and of their families;
- To train highly qualified personnel through (1) a graduate program in child health, (2) graduate course in longitudinal methodologies, and (3) post doctoral positions; and
- To leverage diverse initiatives to foster collaborative research across the university through links with Collaborations for Health and partnerships on specific research topics.

## Partners:

## Community:

- McMaster Children's Hospital ([http://www.hamiltonhealth.ca/webpage.cfm?site\\_id=25&org\\_id=1&morg\\_id=0&gsec\\_id=10886&item\\_id=10886](http://www.hamiltonhealth.ca/webpage.cfm?site_id=25&org_id=1&morg_id=0&gsec_id=10886&item_id=10886))
- Hamilton Health Sciences (<http://www.hamiltonhealth.ca/>)

## McMaster:

- CanChild Centre for Childhood Disability Research (<http://www.canchild.ca/>)
- Offord Centre for Child Studies (<http://www.offordcentre.com/>)
- Neuromuscular and Mitochondrial Disearch Research

## Schools of:

- Rehabilitation Sciences (<http://www.fhs.mcmaster.ca/rehab/>)
- Nursing (<http://www.fhs.mcmaster.ca/nursing/>)
- Geography and Earth Sciences (<http://www.science.mcmaster.ca/geo/>)

## Departments of:

- Paediatrics (<http://www.fhs.mcmaster.ca/pediatrics/>)
- Psychiatry and Behavioural Neurosciences (<http://www.fhs.mcmaster.ca/psychiatryneuroscience/>)
- Clinical Epidemiology and Biostatistics (<http://www.fhs.mcmaster.ca/ceb/>)
- Lingistics and Languages
- Psychology, Neuroscience and Behaviour (<http://www.science.mcmaster.ca/Psychology/psych.html>)
- Anthropology (<http://www.socsci.mcmaster.ca/anthro/>)
- Kinesiology (<http://www.mcmaster.ca/kinesiology/>)
- Social Work (<http://www.socsci.mcmaster.ca/socwork/>)
- Economics (<http://www.mcmaster.ca/economics/>)
- Gerontology (<http://www.socsci.mcmaster.ca/gerontology/>)
- Sociology (<http://www.socsci.mcmaster.ca/sociology/>)