“Harnessing the power of data linkage between metabolomics, clinical and health administrative databases from Ontario, Canada: Modeling and risk prediction for perinatal and pediatric health outcomes”

Steven Hawken, PhD
Scientist, Clinical Epidemiology Program, Ottawa Hospital Research Institute
Assistant Professor, School of Epidemiology and Public Health, University of Ottawa
Affiliate Investigator, Children’s Hospital of Eastern Ontario Research Institute
Adjunct Scientist, Institute for Clinical Evaluative Sciences

Thursday, March 1st, 2018
11:30 am – 12:20 pm
Ellig Classroom (N120 CPHB)

TARGET AUDIENCE: This conference will be of particular interest and value to the faculty, staff, and students of the College of Public Health and the Health Science Colleges.

LEARNING OBJECTIVES:

• To describe the health-related databases available in Ontario Canada, and the power of linkage of individual patient-level data from multiple data sources for health research.

• To provide an overview of our research using metabolomics data from newborn heel-prick and cord blood samples to estimate gestational age, and to predict risk for perinatal and pediatric health outcomes.

• To describe current applications and future work in partnership with the Bill and Melinda Gates Foundation, Newborn Screening Ontario, the Ontario Birth registry: Better Outcomes Registry and Network (BORN), and international collaborators.

DISCLOSURE STATEMENT: “I do not have any financial interests or other relationships with any manufacturers of products or providers of services I might be discussing in my presentation.”

For further information, contact: The Department of Epidemiology, 319-384-1540, S400 (CPHB)