### Navigating Uncharted Waters: Privacy, Emerging Data Sources and Small Area Geography

May 15–17, 2011

#### Day 1 (May 16)

*Invited Speakers—Emerging Data*

**HealthMap: Emerging data Sources for Public Health Surveillance**
Rumi Chunara, PhD (HealthMap and Harvard Medical School)

**BORN Ontario—A Compass for Navigating Maternal Child Health**Ann Sprague, PhD (Scientific Manager, BORN Ontario)

*Emerging Data Presentations*

**Statistical Approaches to Analyzing Trends and Differences in Trends: Cancer Data from Windsor-Essex**Ali Artaman

**Risk Factors for Neurotrauma in Ontario**JoAnn Heale

**Navigating Uncharted Waters in Family Health: Epidemiological Considerations**
Adam Stevens

**Early Development Instrument: Not Just ABC and 123**Deborah Moore

**Our Littlest Losses: Understanding Stillbirth Rates in Peel**Nancy Ramuscak

**Hospitalizations for Mental Disorders in Ontario**JoAnn Heale

*Invited Speakers—Small Area Analysis*

**Population-level Cancer Research: Programs, Policies and the Built Environment**Scott Leatherdale, PhD (Scientist & Research Chair, Cancer Care Ontario; Research Fellow PROPEL Centre for Population Health Impact, Canadian Cancer Society)

**Small Area Mapping, Spatial Analysis, and Public Health**
Eric J. Holowaty, MD, FRCP(C), MSc (Dalla Lana School of Public Health, University of Toronto)

*Small Area Analysis Presentations*

**Spatial Distribution of Congenital Anomalies in NICU Infants and Association with Area-level Material Deprivation**Sarah Collier—Elaine Hector Student Award Recipient

**Bayesian Spatial Methods for Small-area Injury Analysis: A Case Study of Seniors’ Falls**Wing Chan—Elaine Hector Student Award Runner-up

**Exploring Inequities in Health in Peel Region Using the Ontario Marginalization Index**Flora Matheson

**Preparing for the G8 Summit: Putting GIS to the Test**Elsa Ho

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#### Day 2 (May 17)

*Invited Speakers—Privacy and Emerging Data Sources*

**Methods for Protecting Patient and Provider Privacy While Disclosing Useful Data for Public Health Purposes**Khaled El-Emam, PhD (Children’s Hospital of Eastern Ontario Research Institute: University of Ottawa)

**Microbial Genotyping and Clinical Genomics: New Solutions and New Problems**David Alexander, PhD (University of Toronto: Ontario Agency for Health Protection and Promotion)

*Privacy and Emerging Data Sources Presentations*

**Information Privacy and Public Health**Michèle Harding

**Transmission of Influenza within Remote and Isolated Canadian Communities**Eva Wong—Elaine Hector Student Award Runner-up

**Cyclospora Outpreak Investigation in Lambton County: Utilization of EpiData Software**Crystal Palleschi

**Embracing the Power of EHR**Susan Boston and Carol Woods

**What About Public Health Web-based Analytical Tools?**Ruth Sanderson

**Designing a Food and Exercise Survey to Address Excess Gestational Weight Gain in Simcoe-Muskoka**Becky Blair

**Aligning the APHEO Core Indicators for Public Health with the Ontario Public Health Standards: Data**Mary Kathryn Tighe