British Columbia
Environmental & Occupational
Health Research Network

Annual Spring Workshop

Advancing research through innovative linkage of health and exposure data

May 2, 2008
Morris J. Wosk Centre for Dialogue
Simon Fraser University Downtown
580 W. Hastings St.
Vancouver

8:00–9:00	Networking Breakfast
9:00–9:45	Keynote address: **Exposure Assessment Strategies in Occupational and Environmental Epidemiology,** Dr. David Savitz, Director, Epidemiology, Biostatistics, and Disease Prevention Institute, Mount Sinai School of Medicine, New York
9:45–10:15	Break
10:15–11:30	Plenary session: **Mapping risk of exposure to environmental contaminants among Aboriginal communities in North America,** Dr. Laurie Chan, UNBC **How do I love data? Let me count the ways… Using linked data for occupational health research,** Dr. Mieke Koehoorn, UBC **Exposure assessment for population-based research,** Dr. Michael Jerrett, UC Berkeley
11:30–1:00	Networking Lunch
1:00–2:00	Hands-on breakout sessions: **Introduction to PHLO: Population Health Learning Observatory BC's Federated Data Access and Analysis Platform** Facilitators: Dr. Michael Hayes, SFU; Nancy Meagher, PHLO **Introduction to Geographic Information Systems/Spatial databases in BC (demonstration)** Facilitators: Perry Hystad, UBC; Sarah Henderson, UBC; Dr. Eleanor Setton, UVic **Multilevel modeling** Facilitator: Dr. Melissa Friesen, UC Berkeley
2:00–2:30	Break
2:30–3:30	Hands-on breakout sessions (repeated)
3:30–4:15	Panel discussion: Moderated by Dr. David Savitz Panel members: Dr. Laurie Chan, Dr. Michael Jerrett, Dr. Mieke Koehoorn, Nancy Meagher **How do we advance public health research while protecting personal privacy?**
4:15–6:00	Networking Wine & Cheese Reception

Learning Objectives:

By the end of the day, participants will have learned more about:

1. Existing databases available to facilitate occupational and environmental health research in British Columbia, and how to access them.
2. Technical and ethical considerations for protecting the sensitive private health data we use in public health research.
3. Novel methods for estimating occupational and environmental exposures at multiple scales (personal, population, acute, chronic etc.)
4. Strategies for analyzing large data sets.

Speakers:

David Savitz, Director, Epidemiology, Biostatistics, and Disease Prevention Institute, Mount Sinai School of Medicine, New York

Laurie Chan, Dr. Donald Rix BC Leadership Chair in Aboriginal Environmental Health; Community Health Science Program, University of Northern BC

Michael Jerrett, School of Public Health, University of California Berkeley

Mieke Koehoorn, Department of Health Care and Epidemiology; School of Environmental Health, University of BC and Institute for Work & Health

Facilitators:

Michael Hayes, Associate Dean, Research, Faculty of Health Sciences, Simon Fraser University

Sarah Henderson, PhD Candidate, Department of Health Care and Epidemiology, University of BC

Perry Hystad, PhD Candidate, Department of Health Care and Epidemiology, University of BC

Melissa Friesen, Postdoctoral Research Fellow, School of Public Health, University of California Berkeley

Nancy Meagher, Executive Director, Population Health & Learning Observatory (PHLO)

Eleanor Setton, Researcher, University of Victoria

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