



CONTINUING PROFESSIONAL DEVELOPMENT SYMPOSIUM 2014

PRACTICE, EVIDENCE AND RESEARCH:

Public Health Physicians' Perspectives

Monday, May 26, 2014

9:30 – 15:30

Sheraton Centre Toronto

Willow Room

123 Queen Street West

Toronto, Ontario

Introduction

The Public Health Physicians of Canada (PHPC) is pleased to present a series of 12 high quality talks by public health physician leaders from across Canada. Your colleagues will share evidence, experience and insight on issues ranging from public health practice and training to Social Medicine. This session is certain to provoke thoughtful exchanges and debate.

General Scope

This session will engage public health and preventive medicine specialists in sharing, responding to and discussing key public health issues. The role of PHPM specialists, and contexts in which they practice, will be emphasized throughout.

Symposium Objectives

1. Identify and discuss current and emerging public health issues from a public health physician perspective;
2. Explore the role of public health physicians in implementing innovative approaches in response to these issues; and,
3. Identify key resources for future reference and continued learning.

Who Should Attend

This symposium will be of interest to Public Health and Preventive Medicine Specialists, Public Health and Preventive Medicine Residents, and Public Health Physicians.

Accreditation

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada for 5 credits. This program has been reviewed and approved by the University of Ottawa, Office of Continuing Professional Development.

Event Schedule

Theme	Title	Presenter	Time
	Arrival, Sign-In, and Session Opening		9:15-9:30
Social Networks and Social Media	An Introduction to Social Network Analysis and its use in understanding policy dilemmas in Public Health	Dr. Lynn McIntyre, University of Calgary	9:30-10:30
	The Use of Social Media in Public Health	Dr. Monika Dutt MOH, CBDHA	
	The Social Pediatrics Realist Review	Dr. Ingrid Tyler Public Health Ontario	
	15 Minutes of Discussion		
Break (10 minutes)			
Environmental Health	Lyme Disease in Canada: The state of an emerging infectious disease	Dr. Michel Deilgat, Public Health Agency of Canada	10:40-12:00
	Association between Wind Turbines and Human Distress	Dr. Ian Arra, NOSM	
	Public Health and Toxicology Topics	Dr. Shaun Hosein, University of Calgary	
	15 Minutes of Discussion		
Global Health	MSF – Ministry of Health initiative to enhance communicable disease surveillance and outbreak response in the Democratic Republic of Congo	Dr. Bruce Reeder, University of Saskatchewan	
	5 Minutes Discussion		
Lunch (12:00-12:40)			
Public Health Education and Training	Teaching Community Based Research in Undergraduate Medicine: Pearls and Perils	Dr. Fran Scott University of Toronto	12:40-14:00
	Academic Half Day Curriculum Redevelopment	Dr. Mustafa Hirji McMaster University	
	Developing Capacity for Medical Officers of Health in Canada – Project Update	Dr. Maura Ricketts PHPC Project Lead	
	Learning from the First Two Years in Public Health Practice	Dr. Sudit Ranade MOH, Lambton Public Health	
	20 Minutes of Discussion		
Break (10 minutes)			
Public Health and Primary Care Debates	Clinical and Population Perspectives on the prevention of diabetes Panel Discussion: Dr. David Mowat, Dr. Andrew Pinto	Dr. David Mowat, MOH, Peel Region	14:10-15:15
	25 Minutes of Discussion		
Summary and Evaluation	Practice, Evidence, and Research: Tools for Public Health and Preventive Medicine Specialists	Closing Comments and Discussion	15:15-15:30

Registration Fees

Physician (Full Fee).....	\$150 CAD
Resident Rate.....	\$100 CAD
Presenter Rate	\$100 CAD

Registration

To register, please go directly to the Canadian Public Health Association Conference Website at either of the following links*, depending on membership status:

CPHA Member Registration:

<https://share.cpha.ca/ei/cm.esp?id=17&start=eiscript&cd=82679&pageid=LOGIN>

Non-Member of CPHA Registration:

<https://share.cpha.ca/ei/getdemo.ei?id=50&s= 1ZSOQYXMB>

* Presenters for this session should contact the PHPC Secretariat at phpc@cpha.ca for a separate registration link.

Cancellation

Cancellations may result in the loss of registration fees. Any partial refunds will be issued only at the discretion of PHPC and may be subject to a cancellation fee.

PHPC reserves the right to cancel courses. Registrants will be notified at the earliest possible date in the event of a cancellation. PHPC will not be liable for any loss, damage, or other expense that such cancellations may cause.

Accommodation and Travel

Room blocks have been reserved for CPHA conference delegates at the Sheraton Centre Toronto. To make your hotel reservation, contact the [Sheraton Centre Toronto Hotel](#) directly and refer to the appropriate CPHA Group Code. Rates are guaranteed until April 25, 2014.

Special discounts with Air Canada, Porter, WestJet and VIA Rail are available to CPHA Conference delegates. Details are available on the [Travel and Accommodation](#) page for CPHA conference registration.

Social Networks and Social Media

An Introduction to Social Network Analysis and its use in understanding policy dilemmas in Public Health

9:30-9:45

Dr. Lynn McIntyre is currently Professor in the Department of Community Health Sciences, and Associate Scientific Director for the Institute for Public Health, Faculty of Medicine, University of Calgary, Alberta, Canada. Dr. McIntyre holds both a medical degree and master's degree in Community Health and Epidemiology from the University of Toronto. She is also a Fellow of the Royal College of Physicians of Canada in Public Health and Preventive Medicine.

Objectives

By the end of this discussion, participants will be able to:

- Explain social network analysis;
- Distinguish between different types of networks; and,
- Apply the findings of a social network analysis to a public health policy problem.

The Use of Social Media in Public Health

9:45-10:00

Dr. Monika Dutt is the Medical Officer of Health for the Cape Breton District Health Authority and the Chair of Canadian Doctors for Medicare. Previous roles have included Deputy MHO for northern Saskatchewan, health policy researcher for a Member of Parliament, and steering committee member of Health Providers Against Poverty. She has a three-year-old son and is working on an MFA in Creative Writing anytime he is asleep. She spends too much time on twitter.

Objectives

By the end of this discussion, participants will be able to:

- Identify ways in which Twitter can be used by public health physicians and determine how that use would be beneficial to their practice;
- Differentiate between use of Twitter in professional and personal capacities, and determine boundaries for their own use;
- Select key resources that will guide them in establishing/enhancing their own online presence using Twitter.

Social Pediatrics Realist Review

10:00-10:15

Dr. Ingrid Tyler is a physician at Public Health Ontario (PHO), in the Health Promotion, Chronic Disease and Injury Prevention Directorate, Assistant Professor at the Dalla Lana School of Public Health, University of Toronto.

Ingrid has been working on PHOs equity mandate, including activities across the spectrum of knowledge generation, knowledge synthesis, knowledge exchange and capacity building, since 2009. Her activities include developing tools, training, research and reviews to support integration of equity considerations with local, provincial and national partners. Her research in this area is focussed on evaluating the application and outcomes of equity planning tools. Ingrid is also has a keen interest in child and maternal health, and is currently working on projects related social pediatrics and advancing primary care/public health collaboration in this area. Ingrid is also involved in health systems research, including the development of measures for the impact of knowledge organizations in health.

Ingrid obtained her MD from the Faculty of Medicine of the University of British Columbia. She completed her residency training at the University of Toronto and is a fellow of the Royal College of Physicians and Surgeons of Canada in Public Health and Preventive Medicine and a certificant of the College of Family Physicians of Canada in Family Medicine. She also has a Master of Health Sciences from the University of British Columbia and a Masters of Education from the Ontario Institute for Studies in Education (OISE).

Objectives

By the end of this discussion, participants will be able to:

- Review the social pediatrics approach
- Discuss the realist synthesis approach to the literature
- Identify ongoing research areas of primary care, public health partnerships

Environmental Health

Lyme Disease in Canada: The state of an emerging infectious disease

10:40-10:55

Dr. Michel Deilgat is the medical advisor at the Centre for Food-borne, Environmental and Zoonotic Infectious Diseases at the Public Health Agency of Canada in Ottawa. He has previously served as a medical officer (Lieutenant-

Colonel) in the Canadian Armed Forces for 32 years. During that period he has done a few peace-keeping missions. In 2006 and 2007 he was the commanding officer of the Multi-national Medical Unit (MMU Role 3) located in Kandahar, Afghanistan.

Dr. Deilgat earned a doctorate degree in medicine and completed his residency in family medicine from Laval University (Québec City). He also has an honours bachelor degree in psychology, a graduate diploma in Population Health Risk Assessment and Management from the University of Ottawa and a Master in Public Administration from l'École nationale d'administration publique (ÉNAP) from l'Université du Québec.

Objectives

By the end of this session, participants will be able to:

- Identify the current situation related to Lyme disease in certain regions of Canada;
- Indicate some of the reasons why this is an emerging infectious disease in Canada;
- Identify the symptoms, making a differential diagnosis and apply proper treatment;
- Recommend preventative measures to the population living in endemic areas.

Association between Wind Turbines and Human Distress

10:55-11:10

Dr. Ian Arra, MSc MD, Public Health Preventive Medicine Residency Program Northern Ontario School of Medicine (NOSM)).

Objectives

By the end of this session, participants will be able to:

- Review the up-to-date literature investigating whether an association between wind turbines and human distress exists;
- Interpret the results of peer-reviewed studies published in this area;
- Discuss that scientific data is lacking in this area and that further research is warranted.

Public Health Toxicology

11:10-11:25

Dr. Shaun Hosein is a Senior resident in Public Health but also completing dual Sub-Specialty training in Clinical Pharmacology and Toxicology. He also has a Masters of Critical Care Medicine completed at the University of Calgary. His major area of interest is Public Health Toxicology, which looks at the interactions of toxins with populations. The majority of his work is done in integrating and promoting poison centre surveillance to public health and the development of a national poison centre database. He works with the Health Canada and PHAC in the area of Disaster preparedness, where he sits on two working groups involved with PHAC's national emergency strategic stockpile and works as a consultant to the Chemical Emergency Preparedness & Response Unit of Health Canada. He is also interested in the area of understating patterns of emerging drugs of abuse, and adulteration of illicit substances. He regularly provides medical toxicological consultation to health professionals and enforcement agencies dealing with patients whom use illicit substances.

Objectives

By the end of this session, participants will be able to:

- Discover the field of toxicology and the role that poison centres play in public health protection;
- Recognize toxicological issues in public health;
- Identify specialist toxicological resources that are widely available in Canada.

Global Health

MSF – Ministry of Health Initiative to enhance communicable disease surveillance and outbreak response in the Democratic Republic of Congo

11:40-11:55

Dr. Bruce Reeder is a Professor in the Department of Community Health and Epidemiology, College of Medicine, University of Saskatchewan. He received his medical training at the University of Saskatchewan (1976), a Diploma in Tropical Medicine and Hygiene in 1978, and a Fellowship in Public Health and Preventive Medicine from the Royal College of Physicians and Surgeons of Canada in 1987. He assisted with the development, and served as the Acting Director, of the University

of Saskatchewan's School of Public Health from 2006 – 2009.

His research interests include cardiovascular disease, obesity prevention, and physical activity promotion. Since 2011 Dr. Reeder has been the co-leader of the University of Saskatchewan's One Health research and training initiative. He has worked recently as physician and epidemiologist with Médecins Sans Frontières (Doctors Without Borders) in Kyrgyzstan where he focused on the control of drug-resistant tuberculosis and HIV/AIDS, and in the Democratic Republic of Congo where he helped develop an enhanced surveillance system for diseases of epidemic potential (viral hemorrhagic fever, yellow fever, plague, malaria, cholera, meningitis and measles).

Objectives

By the end of this session, participants will be able to:

- Identify challenges to communicable disease surveillance in low resource settings;
- Identify adaptations and possible innovations required for effective disease surveillance in low resource settings.

Public Health Education and Training

Teaching Community Based Research in Undergraduate Medicine: Pearls and Perils

12:40-12:55

Dr. Fran Scott MD CCFP FRCPC MSc is a community medicine specialist who trained at McMaster and is currently as Associate Professor at the Dalla Lana School of Public Health. She is the Program Director for the Public Health and Preventive Medicine residency program and the Course Director for Determinants of Community Health in undergraduate medicine; both at UoT. She has many years of experience in local public health practice and research in Hamilton, Niagara and Toronto.

Objectives

By the end of this session, participants will be able to:

- Identify public health competencies in undergraduate teaching;
- Discuss key messages on what has worked and what has not worked in this example.

Defining the Role and Curricula of Academic Half Days in Public Health & Preventive Medicine

12:55-13:10

Dr. M. Mustafa Hirji is a fourth year resident in the Public Health & Preventive Medicine program at McMaster University. Prior to pursuing medicine, he received degrees in both engineering physics and political science. Mustafa's interests in public health include policy matters, issues concerning the organization and delivery of public health, and mobilizing evidence to guide decision-making, as well as a growing interest in the optimization of early childhood. He has also long been interested in education and has been involved in curriculum issues and served on educational committees throughout his university years and residency.

Objectives

By the end of this session, participants will be able to:

- Describe the current state of academic half days in public health and preventive medicine residency training;
- Debate the key decision points for defining the role of academic half days,
- Summarize a possible approach for developing an academic half day curriculum.

Developing Capacity for Medical Officers of Health in Canada – Project Update

13:10-13:25

Dr. Maura Ricketts is a public health physician, with a Masters degree in Health Sciences and FRCPC in Public Health. Dr. Ricketts' professional career has been focused on public health and health care policy, particularly in complex and emergent health issues. Early in her career, she worked in HIV/AIDS surveillance and policy development in the earliest years of the HIV/AIDS epidemic in Canada. Following the Kreever Inquiry (Royal Commission on the Safety of the Blood System), she took on responsibilities for federal scientific policy concerning blood borne pathogens such as Hepatitis C, blood safety, and prion diseases. She designed and implemented the Canadian CJD surveillance system. Dr. Ricketts was invited to the WHO where she spent 5 years managing and writing policy, infection control guidance and international surveillance for prion diseases.

In 2004, Dr. Ricketts changed her career path to refocus on health care system policy, first as an Executive Director in the First Nations and Inuit Health Branch in

Health Canada, then as the Director General/A for the Office of Public Health Practice within the Public Health Agency of Canada. Between 2008 and 2014, Dr. Ricketts was the Director of the Public Health Group in the Canadian Medical Association, where she was responsible for population and public health policy development. She is now the Director of her own consulting company, HealthPolicyWORKs inc., recently completing contracts with the Royal College of Physicians and Surgeons of Canada and the Canadian Cardiovascular Society.

Objectives

By the end of this session, participants will be able to:

- Discuss with employers the application of MOH competencies and the consideration for enhancing their use; and,
- Identify tools and outputs from this project, which will be relevant to the maintenance and improvement of the expertise of MOH in public health practice.

Learning from the First Two Years in Public Health Practice

13:25-13:40

Dr. Sudit Ranade, Medical Officer of Health, Lambton Public Health

Objectives

By the end of this session, participants will be able to:

- Describe situations and challenges faced by public health physicians in the first few years of practice.
- Identify the need to understand how well residency training in public health prepares physicians for public health practice.

Public Health and Primary Care

Clinical and Population Perspectives on the prevention of diabetes

14:10-15:15

Dr. David Mowat is the Medical Officer of Health for the Region of Peel. His interests include the built environment, the public health workforce and training in public health practice, and evidence-informed decision making.

Prior to joining The Region of Peel in 2007, Dr. Mowat was Deputy Chief Public

Health Officer at the Public Health Agency of Canada, where he had responsibilities for strengthening public health practice, including knowledge translation and the development of the public health workforce.

Previous appointments include Consultant in Maternal and Child Health in the Ministry of Health of Newfoundland, Medical Officer of Health for Kingston and area, Chief Medical Officer of Health for Ontario, and senior positions at Health Canada.

Dr. Mowat received his medical training at the University of Edinburgh, and a master's degree in public health from the University of California at Berkeley. He is also a fellow in public health and preventive medicine of the Royal College of Physicians and Surgeons of Canada and a Fellow (by distinction) of the Faculty of Public Health of the Royal Colleges of Medicine (UK). He is an adjunct faculty member at McMaster, Queen's and the University of Toronto.

Objectives

By the end of this session, participants will be able to:

- Examine the trends in diabetes incidence/prevalence;
- Discuss the population-level risks for diabetes and the DPoRT tool;
- Describe the difference between clinical and population perspectives on prevention, and the potential impact of each.

Summary and Evaluation

Practice, Evidence, and Research: Tools for Public Health and Preventive Medicine Specialists

15:15-15:30

Planning Committee

PHPC Continuing Professional Development Committee 2013-2014

Dr. Barry Pakes (Chair)

Program Director, Global Health Education Initiative
University of Toronto

Dr. Terry-Nan Tannenbaum (Chair)

Deputy Director of Public Health
Montreal Health and Social Services Agency

Dr. Sandra Allison

Medical Officer of Health
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Dr. Robert Gervais

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Public Health Agency of Canada

Dr. Richard Gould

Associate Medical Officer of Health
York Region Public Health

Dr. Fran Scott

Director, Public Health and Preventive Medicine Residency Program
Associate Professor, Public Health Sciences
University of Toronto

Dr. Chris Sikora

Lead Medical Officer of Health
Alberta Health Services – Edmonton Zone

Dr. Susan Stock

Responsable, Groupe scientifique sur les TMS liés au travail,
Institut national de santé publique du Québec
Professeure de clinique, Département de médecine sociale et préventive,
Université de Montréal

Symposium Events

Public Health Physicians of Canada

Annual General Meeting

Monday, May 26, 2014

4:00 – 6:00 pm

Sheraton Centre Toronto

Willow Room

Public Health Physician of Canada

Annual Society Dinner

Adega Restaurante

33 Elm Street, Toronto, Ontario

7:00pm Cocktails

**Registration required, \$85 per person*

A Call to Action on Poverty and Health: Collaboration across the sector

*PHPC Collaborator Session at the CPHA Conference**

Wednesday, May 28, 2014, 1:00 – 3:00 pm

**Registration (daily or full) for CPHA's conference is required to attend A Call to Action on Poverty and Health*