



## Winter 2015

12 January, 2015

**50th Anniversary Guest Speaker - Martin Amphitheater - Room 504 - McIntyre Medical Building, 3655 promenade Sir William Osler**

**Sonia Anand, MD, PhD**, Professor of Medicine and Epidemiology at McMaster University, Hamilton and Director of McMaster Population Genomics Program

**Topic:** *Global Epidemic of Type 2 Diabetes in the South Asian Diaspora*

**Objectives:**

- 1) To review the underlying causes of the type 2 diabetes among South Asians
- 2) To describe how risk factors for cardiometabolic diseases may also be associated with certain cancers
- 3) To describe prevention strategies at the individual and population levels

19 January, 2015 - NO SEMINAR

**SPECIAL WORKSHOP - Montreal Neurological Institute, 3801 University, Jeanne Timmins Auditorium 1-5pm**

**Jack Colford, MPH, MD, PhD**, Professor of Epidemiology, University of California, Berkeley

**Topic:** *Impact Evaluation for Public Health Professionals: Methods, Examples, and Future Opportunities*

26 January, 2015

**Martin Amphitheater - Room 504 - McIntyre Medical Building, 3655 promenade Sir William Osler**

**Lise Gauvin, PhD**, Professor, Department of Social & Preventive Medicine, School of Public Health, Université de Montréal



**Topic: *Reach, Acceptability, and Outcomes of Population Health Interventions Aimed at Health Behaviours: Overcoming of Methodological Challenges to Produce Practically-Relevant Findings***

**Objectives:**

- 1) Define the concept of population health intervention research;
  - 2) Describe methodological challenges involved in conducting population health intervention research;
  - 3) Outline the reach, acceptability, and outcomes of selected population health interventions aimed at increasing physical activity and reducing excessive preoccupation.
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## February

**2 February, 2015**

**Martin Amphitheater - Room 504 - McIntyre Medical Building, 3655 promenade Sir William Osler**

**[Chantal Sauvageau, MD, MSc, FRCPC\(C\)](#), Médecin-conseil, Institut national de santé publique du Québec**

**Topic: *HPV vaccine: what, only 2 doses?***

**Objectives:**

- 1) Consolidate the evidence-based regarding HPV 2-dose schedule vaccination
- 2) Elaborate on the reasons why Quebec uses a 2-dose HPV vaccination schedule for his HPV school-based program
- 3) Summarize key ongoing studies on alternative HPV schedules



**9 February, 2015**

**Meakins Amphitheater - Room 521 - McIntyre Medical Building, 3655 promenade Sir William Osler**

**Sasha Bernatsky, MD, FRCPC, PhD**, Associate Professor, Department of Medicine, Divisions of Rheumatology and Clinical Epidemiology, McGill University

**Topic:** *Systemic autoimmune rheumatic disease prevalence in Canada*

**Objectives:**

- 1) To understand some of the challenges of using billing and hospitalization administrative data to estimate chronic diseases in Canada
- 2) To become aware of recent efforts to estimate systemic autoimmune rheumatic disease (SARD) prevalence with Canadian administrative data, using Bayesian latent class models
- 3) To appreciate what factors (including demographics) may affect not only SARD prevalence estimates, but also sensitivity and specificity of case definitions based on administrative health data

**16 February, 2015**

**Palmer Amphitheater - Room 522 - McIntyre Medical Building, 3655 promenade Sir William Osler**

**Suzana Anjos, PhD**, Responsable, Affaires Scientifiques, innovation et développement Projet CARTaGENE, CHU-Ste-Justine

**Topic:** *The CARTaGENE cohort: a deeply phenotyped public resource of samples and data for tracking population health in Quebec*

**Objectives:**

- 1) Provide and disseminate information about the contents of the cohort and the policies for accessing the resource
- 2) Increase awareness for the kinds of projects that use the resource
- 3) Communicate the latest findings of the research carried out within the scientific arm of CARTaGENE



23 February, 2015

**50th Anniversary Guest Speaker - Palmer Amphitheater - Room 522, McIntyre Medical Building, 3655 promenade Sir William Osler**

**Majid Ezzati, MEng, PhD**, Professor of Global Environmental Health, MRC-PHE Centre for Environment and Health, School of Public Health, Imperial College, London, London

**Topic:** *The Future of Mortality and Longevity*

**Objectives:**

- 1) To describe methods for coherent and consistent forecasting of mortality
  - 2) To provide an overview of past and potential future trends in mortality in national and subnational populations
  - 3) To consider the potential drivers of these trends and the implications for public health and health systems
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## March

2 March, 2015 - NO SEMINAR

### **STUDY WEEK**

9 March, 2015

**50th Anniversary Guest Speaker - Martin Amphitheater - Room 504, McIntyre Medical Building, 3655 promenade Sir William Osler**

**Alfredo Morabia, MD, PhD**, Professor of Epidemiology at the Barry Commoner Center of City University of New York and at the Mailman School of Public Health, Columbia University, New York

**Topic:** *Enigmas of Health and Disease: How epidemiology helps unravel scientific mysteries*



**Objectives:**

- 1) Could epidemiology have emerged before the 17th century?
- 2) Did population thinking give access to a new kind of knowledge?
- 3) Is epidemiology 353 years old?

**16 March, 2015**

**Martin Amphitheater - Room 504, McIntyre Medical Building, 3655 promenade Sir William Osler**

**Mark S. Goldberg, PhD**, Professor, Department of Medicine, McGill University - Medical Scientist, MUHC - Research Institute

**Topic: *The Hazards to the Environment and to Human Health from Hydrofracking***

**Objectives:**

- 1) To describe the environmental effects of hydrofracking
- 2) To describe the potential hazards to human health
- 3) To describe the need for a cogent energy policy to mitigate the effects of global warming and limit the damage done to the environment and to health

**23 March, 2015**

**Martin Amphitheater - Room 504, McIntyre Medical Building, 3655 promenade Sir William Osler**

**Moshe Ben-Shoshan, MD**, Pediatric allergy and immunology specialist, Division of Allergy and Clinical Immunology, Montreal Children's Hospital

**Topic: *Food Allergy: Why is the prevalence increasing and how is it managed***

**Objectives:**



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and Occupational Health



- 1) To assess sociodemographic factors, life style habits and genetic factors associated with food allergy
- 2) To assess the presence of modifiable factors associated with development of food allergy
- 3) To identify gaps related to management of food allergy

**30 March, 2015**

**Martin Amphitheater - Room 504, McIntyre Medical Building, 3655 promenade Sir William Osler**

[Ashley I. Naimi, PhD](#), Assistant Professor, Department of Obstetrics and Gynecology, McGill University

**Topic: *Causal Inference and Complex Systems Science: Towards Rigor and Realism in Epidemiologic Research***

**Objectives:**

- 1) Review basic causal inference concepts, with a focus on the parametric g-formula
- 2) Review complex systems science, with a focus on agent based models
- 3) Juxtapose these two conceptual frameworks, and critically assess various claims about their respective relations and potential to contribute to epidemiology