

# 9<sup>th</sup> Annual Air Quality & Health Workshop

Preliminary Program as of December 20, 2011

## DAY 1: March 6, 2012 9<sup>th</sup> Air Quality and Health Workshop: "Asthma and Air Pollution"

9:00 – 9:30	<b>Introduction to Asthma</b> <i>(asthma phenotypes, natural history, diagnosis, costs epidemiology, temporal trends, and spatial patterns)</i>	Dr. Mark FitzGerald
9:30 – 10:00	<b>Causes of Asthma</b> <i>(the role of environment, genetics and epigenetics)</i>	Dr. Peter Pare
10:00 – 10:30	BREAK	
10:30 – 10:50	<b>Initiation of Asthma by Outdoor Air Pollution</b> <i>(summary of evidence for causal relationship)</i>	Dr. Michael Brauer
10:50 – 11:10	<b>Exacerbation of Asthma by Outdoor Air Pollution I: Chemical Agents</b> <i>(PM, ozone, sulphur dioxide, nitrogen oxides)</i>	Dr. Sverre Vedal
11:10 – 11:30	<b>Exacerbation of Asthma by Outdoor Air Pollution II: Biological Agents</b> <i>(pollens, moulds)</i>	TBA
11:30 – 12:00	<b>Moderated Discussion</b> <i>(GP, RT, asthma educator- what did you learn and questions for speakers)</i>	
12:00 – 12:30	LUNCH	
13:30 – 13:50	<b>Asthma in a Changing Climate</b> <i>(forest fire smoke, pollen, ozone, gypsy moth spraying, etc)</i>	Dr. Sarah Henderson
13:50 – 14:50	<b>Tools for Managing Asthma Risk</b> <i>(BlueSky, AQHI, advisories, etc. and how they can be used to support personal risk)</i>	BC MOE

*assessment and management)*

14:10 – 14:30	<b>Western Ontario Case Study</b> <i>(integrating AQHI into asthma action plans)</i>	Dr. Christopher Liciskai
14:30 – 15:00	BREAK	
15:00 – 15:20	<b>Exacerbation of asthma by Indoor Air Pollution I: Chemical Agents</b> <i>(environmental tobacco smoke, indoor combustion, occupational asthma, swimming pools, trichloramine, cleaning agents, phthalates)</i>	TBA
15:20 – 15:40	<b>Exacerbations of Asthma by Indoor Air Pollution II: Biological Agents</b> <i>(allergens, house dust mites, endotoxin, Beta-D-glucan, etc.)</i>	TBA
15:40 -16:10	<b>Asthma Interventions</b> <i>(individual, community)</i>	Dr. Tim Takaro
16:10 – 16:20	Wrap – up	

## **Day 2: March 7, 2012 “Radon and Your Health”**

### **9:10 – 10:30 Radon Basics**

9:10 – 9:30	Health Impacts <i>(overview of radon-related health impacts and vulnerabilities)</i>	TBA
9:30 – 9:50	Testing and Mitigation <i>(basic understanding of radon testing: technology, sampling periods) and remediation strategies (description, effectiveness, costs)</i>	Paul Muntak
9:50 – 10:05	Distribution in BC <i>(description of the current knowledge on radon distribution in BC including areas of high and low levels, gaps)</i>	Dr. Sarah Henderson

10:05 – 10:30 Lung Cancer in BC  
*(overview of lung cancer in BC)* TBA

10:30 – 10:55 BREAK

**10:55 – 11:05 Existing policies and programs:**

*(overview of existing national, provincial and local radon programs and policies, including a discussion of successes and challenges)*

10:55 – 11:15 Health Canada TBA

11:15 – 11:55 BC Northern Health, BC Lung Association  
Interior Health Authority  
Kim Menounos,  
Dr. Menn Biagtan  
Greg Baytalan

11:55 – 12:10 Local: Castlegar Experience Dana Schmidt

12:10 – 12:25 Outside BC TBA

12:25 – 13:35 LUNCH

**13:05 – 13:35 Evaluating options**

13:25 – 13:40 Challenges in Developing Policies and Programs Dr. Tim Lambert

13:40 – 13:55 Finding What Works TBA  
*(discuss options for making and setting  
public policy on radon)*

13:55 – 14:25 Cost –Effectiveness of Mitigation Daniel Steck

14:25 – 14:45 BREAK

14:45 – 15:45 Panel Discussion

15:45 – 16:00 Closing Remarks

