

# OEMAC

## 33<sup>RD</sup> ANNUAL SCIENTIFIC CONFERENCE

### PRE-CONFERENCE SESSIONS

Sunday, September 27, 2015

### CONFERENCE

Monday, September 28  
& Tuesday, September 29, 2015

### INTERCONTINENTAL TORONTO CENTRE

225 Front Street West, Toronto



OCCUPATIONAL AND ENVIRONMENTAL  
MEDICAL ASSOCIATION OF CANADA

## OEMAC

ASSOCIATION CANADIENNE DE LA  
MÉDECINE DU TRAVAIL ET DE  
L'ENVIRONNEMENT



# PROGRAM

# Pre-Conference



**Pre-conference sessions organized by CBOM**

*Separate registration is required to attend pre-conference*

**Theme: Fitness to Work**

Ballroom B, Lower Level

**Sunday, September 27, 2015**

7:45 am – 8:25 am <b>REGISTRATION FOR PRE-CONFERENCE SESSIONS &amp; BREAKFAST</b>	
8:25 am – 8:30 am <b>Pre-conference Opening Remarks</b>	
8:30 am – 9:15 am <b>Depression and Sleep Problems in the Workplace – Price, Progress and Perspective</b> <i>Dr. Colin Shapiro</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"><li>1. Review the cost of Sleep disorders and Depression to business (price)</li><li>2. Describe a new model of occupational health involvement (progress)</li><li>3. Describe the way in which an airline may protect itself from a rogue pilot (perspective)</li></ol>
9:15 am – 10:15 am <b>Mental Disorders in Safety Sensitive Workplace Settings</b> <i>Dr. Charl Els and Dr. Robin Griffiths</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"><li>1. Describe the impact of major psychiatric disorders on occupational functioning and risk in safety sensitive settings.</li><li>2. Discuss how mental/behavioral impairment should be managed in safety sensitive settings.</li><li>3. Identify the key issues related to pharmacotherapy in risk management.</li></ol>
10:15 am – 10:30 am <b>REFRESHMENT BREAK</b>	
10:30 am – 11:15 am <b>Fatigue Risk Management Systems in Industry</b> <i>Dr. Robin Griffiths</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"><li>1. Describe the elements of sleep that impact on fatigue risk management systems</li><li>2. Describe the effects of fatigue and circadian rhythm disruption on health, safety, performance and wellbeing</li><li>3. Identify the key elements of a fatigue risk management system</li></ol>
11:15 am – 11:45 am <b>Questions &amp; Discussions with Dr. Colin Shapiro, Dr. Charl Els and Dr. Robin Griffiths</b>	
11:45 am – 12:45 pm <b>LUNCH</b>	





12:45 pm – 1:45 pm (15min Q&A) <b>Infectious Disease Illness in the Returned Business Traveller</b> <i>Dr. Jay Keystone</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Be aware of the most frequent infectious diseases in the returned international business traveller</li> <li>2. Know how to diagnose and manage selected tropical infectious diseases</li> <li>3. Understand why pre-travel health advice will help to keep business travellers doing business!</li> </ol>
1:45 pm – 2:45 pm (15min Q&A) <b>Epidemiology in Occupational Medicine</b> <i>Dr. Ron House</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Describe the main study designs used in occupational epidemiological studies</li> <li>2. Identify the key sources of bias and random error in occupational epidemiological studies</li> <li>3. Apply this information to the critical appraisal of the occupational epidemiological literature</li> </ol>
2:45 pm – 3:00 pm <b>REFRESHMENT BREAK</b>	
3:00 pm – 4:00 pm (15min Q&A) <b>Random Workplace Drug Testing</b> <i>Dr. Charl Els</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. List the most important reasons to conduct random drug testing in Canada.</li> <li>2. Describe the limitations of conducting random drug testing.</li> <li>3. Describe the legal and ethical applications of random drug testing.</li> </ol>
4:00 pm – 5:00 pm (15min Q&A) <b>Standing up and Taking Action Against Physical Inactivity in the Workplace</b> <i>Dr. David Alter</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Review the implications of physical inactivity on health outcomes.</li> <li>2. Discuss opportunities to improve physical activity and health behaviours in the workplace</li> </ol>
7:00 pm – 9:00 pm <b>WELCOME RECEPTION &amp; POSTER PRESENTATIONS</b> - Lower Lobby Foyer	





### OEMAC Conference Sessions

7:30 am – 8:15 am <b>REGISTRATION &amp; BREAKFAST</b> - Lower Lobby Foyer	
8:15 am – 8:30 am <b>WELCOME &amp; INTRODUCTION</b> - Ballroom	
8:30 am – 9:15 am <b>Cannabinoids in Clinical Practice</b> <i>Dr. Danial Schechter</i>	<b>LEARNING OBJECTIVES:</b> 1. Describe the endocannabinoid system 2. Describe available cannabinoid products in Canada 3. Explain to patients how to access herbal cannabis
9:15 am – 10:00 am <b>Medical Marijuana &amp; the Workplace: Impact on and Role of the Occupational Medicine Physician (Part 1)</b> <i>Dr. Barry Kurtzer</i>	<b>LEARNING OBJECTIVES:</b> 1. Demonstrate a practical understanding of Health Canada's new "Marihuana for Medical Purposes Regulations" and how these regulations impact the medical profession. 2. Describe the impacts of Medical Marijuana on workplace safety, what to watch out for, when to take action, and how to take action. 3. Discuss the role of the Occupational Medicine Physician in workplace Medical Marijuana policy development, and how to access and utilize currently available resources for safety sensitive worker fitness for duty assessments and monitoring.
10:00 am – 10:30 am <b>REFRESHMENT BREAK AND NETWORKING WITH EXHIBITORS</b> - Niagara / Ontario	
10:30 am – 11:15 am <b>Medical Marijuana &amp; the Workplace: Impact on and Role of the Occupational Medicine Physician (Part 2)</b> <i>Dr. YM Markus</i>	<b>LEARNING OBJECTIVES:</b> 1. Describe the elements of a workplace Medicinal Cannabis Assessment. 2. Identify potential indications for a workplace Medicinal Cannabis Assessment. 3. Describe the role of the workplace Medicinal Cannabis Assessment in drug and alcohol policy, and its implications for safety sensitive work.
11:15 am – 11:45 am <b>Panel Discussion with Dr. Danial Schechter, Dr. Barry Kurtzer and Dr. YM Markus</b>	
11:45 am – 1:00 pm <b>CBOM AGM (CBOM members only) &amp; Conference Lunch in the Exhibit Hall</b> - Caledon / Oakville, Upper Level	
1:00 pm – 1:45 pm (10min Q&A) <b>Mastromatteo Oration – Occupational Asthma in Ontario, and Changes Over Time</b> <i>Dr. Susan Tarlo</i>	<b>LEARNING OBJECTIVES:</b> 1. Discuss the changes that have occurred in causes of Occupational asthma over time in Ontario. 2. Discuss likely effects of preventative measures and outcomes of different diagnostic approaches for occupational asthma. 3. Identify the most common causes of occupational asthma and some of the newly describes causes.



1:55 pm – 2:40 pm (10min Q&A)	<b>BREAKOUT 1A - Diverging Trends in the Incidence of Occupational and Non-Occupational Injury in Ontario 2004-2011</b> Ballroom, Lower Level <i>Dr. Cameron Mustard</i>	<b>BREAKOUT 2A - Evaluation and Management of Mercury Toxicity with Case Illustrations</b> Kingsway, Upper Level <i>Dr. Aaron Thompson</i>
	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Describe the quality of injury surveillance information in the province of Ontario</li> <li>2. Discuss the potential population health impacts of injury prevention strategies</li> </ol>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Distinguish between the various forms of mercury and how they differ in terms of bioavailability and toxicity.</li> <li>2. Describe the work-up and management of patients presenting for evaluation of elevated blood or urine mercury levels.</li> <li>3. Discuss dose response relationships for mercury by type and the implications for medical management vs public health.</li> </ol>
2:40 pm – 3:10 pm <b>REFRESHMENT BREAK AND NETWORKING WITH EXHIBITORS</b> - Niagara / Ontario		
3:10 pm – 3:55 pm (10min Q&A)	<b>BREAKOUT 1B - What's New with Blue? Shiftwork and the Colour of "Awake"</b> Ballroom, Lower Level <i>Dr. Joan Saary</i>	<b>BREAKOUT 2B - Behavioral Change as Medicine</b> Kingsway, Upper Level <i>Dr. Ron Dembo</i>
	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. As a mechanism to enhance recollection, the learner will be able extrapolate some of the health effects of shiftwork by understanding the basic physiology of circadian rhythms.</li> <li>2. The learner will enhance his/her knowledge of the inter-related concepts of sleep, circadian rhythms and shiftwork by gaining awareness of current research, including newsworthy topics such as blue light and e-readers</li> <li>3. Through exposure to current information on strategies for enabling circadian adaptation and mitigating health risks, the learner will be able to formulate management strategies relevant to groups of workers in their own practice as well as individuals requesting restrictions.</li> </ol>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Describe how a behavior change program can be implemented</li> <li>2. Demonstrate use of software</li> <li>3. Measure the exact effect of the program</li> </ol>
4:15 pm – 6:00 pm <b>OFF-SITE TOURS</b> - Meet in hotel lobby <b>Porter Airlines</b> – Departure at 4:15 pm (9 spots available) <b>Steam Whistle Brewery</b> – Tours at 4:30 pm and 5:00 pm (20 spots available on each tour)		
<b>OEMAC Annual Dinner and Awards Ceremony</b> - Ballroom 6:30 pm - Cocktails 7:15 pm - Dinner, Awards and Entertainment		



# TUESDAY, SEPTEMBER 29, 2015

## OEMAC Conference Sessions

7:30 am – 8:10 am <b>REGISTRATION &amp; BREAKFAST</b> - Lower Lobby Foyer	
8:10 am – 8:15 am <b>Second Day Opening Remarks</b> - Ballroom	
8:15 am – 9:00 am <b>Legal Aspects of Workplace Reproductive Hazards</b> <i>Dr. Carolyn Langer</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"><li>1. Identify key legal and regulatory issues pertaining to workplace reproductive hazards</li><li>2. Identify the practical and human considerations in safeguarding workers with potential exposure to workplace reproductive hazards.</li><li>3. Describe risk management principles in accommodating workers with potential exposure to workplace reproductive hazards.</li></ol>
9:00 am – 9:45 am <b>An Update of IARC Evaluations 2012-2015</b> <i>Dr. Paul Demers</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"><li>1. Discuss the IARC evaluation process</li><li>2. Describe recent IARC evaluations of relevance to occupational and environmental health</li><li>3. Discuss the significance of these recent evaluations on cancer prevention</li></ol>
9:45 am – 10:15 am <b>REFRESHMENT BREAK AND NETWORKING WITH EXHIBITORS</b> - Niagara / Ontario	
10:15 am – 11:00 am <b>Assessing and Accommodating Psychological Trauma in the Workplace: The Marriage of Skepticism, Compassion, and Best Practices</b> <i>Dr. Hy Bloom</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"><li>1. Describe the medico-legal/workplace approach to assessing PTSD claims in occupational contexts.</li><li>2. Discuss the considerations involved in determining the authenticity of a PTSD claim occurring in a workplace context.</li><li>3. Identify best practices for managing and accommodating PTSD in the workplace.</li></ol>
11:00 am – 11:30 am <b>Panel Discussion with Dr. Carolyn Langer, Dr. Paul Demers and Dr. Hy Bloom</b>	
11:30 am – 12:30 pm (15min Q&A) <b>CBOM Memorial Lecture – What Counts as an Occupational Disease?</b> <i>Dr. Anil Adishes</i>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"><li>1. Describe the range of occupational diseases</li><li>2. Identify occupational factors in disease causation</li><li>3. Describe jurisdictional differences in occupational disease reporting</li></ol>
12:30 pm – 1:45 pm <b>OEMAC AGM (OEMAC members only)</b> - Caledon/Oakville <b>&amp; Conference Lunch in the Exhibit Hall</b> - Niagara / Ontario	

2:00 pm – 2:25 pm	<b>THEME: Hazards in the Workplace and the Community</b> Ballroom, Lower Level	<b>THEME: Occupational Health and Infection Control</b> Issues in Healthcare Settings Kingsway, Upper Level
	<b>Breakout 3A – Community Noise and Health: From Traffic to Turbines</b> <i>Dr. Ray Copes</i>	<b>Breakout 4A – Protecting Patients and Healthcare Workers From Influenza: Can Policies Work?</b> <i>Dr. Kevin Katz</i>
	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Discuss health outcomes that have been linked to community noise exposure</li> <li>2. Describe guidelines and limits set to protect against adverse effects of community noise exposure</li> <li>3. Discuss factors that influence the acceptability of community noise sources</li> </ol>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Describe the rationale and need for action</li> <li>2. Describe the evidence that increasing vaccinate rates among healthcare workers improves safety.</li> <li>3. Describe outcomes achievable by implementing an influenza vaccinate-or-mask policy</li> </ol>
2:25 pm – 2:50 pm	<b>Breakout 3B – Trends and Key Factors of Return to Work</b> <i>Dr. Eugene Wen</i>	<b>Breakout 4B – Ebola and Healthcare Workers in Liberia – Lessons from the Field</b> <i>Dr. Allison McGeer</i>
	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Describe the trends of return to work and key factors that affects the process</li> <li>2. Demonstrate familiarity with and apply best practices to support patients return to work</li> </ol>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Demonstrate familiarity with the specific risks of emerging infectious diseases that are transmitted in healthcare settings</li> <li>2. Identify interventions – at a system and individual level – that might mitigate these risks</li> <li>3. Discuss how to incorporate learning and improve healthcare responses</li> </ol>
2:50 pm – 3:15 pm	<b>Breakout 3C – The WSIB Champion Program: A Model For Physician Engagement</b> <i>Dr. Linn Holness</i>	<b>Breakout 4C – Updates on Hospital Communicable Disease Surveillance Protocols and Key Infection Prevention and Control Lapses in the Clinical Office Setting</b> <i>Dr. Maureen Cividino</i>
	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Review why it is important for occupational health to be incorporated into the medical curriculum</li> <li>2. Discuss the WSIB Champion Program</li> <li>3. Identify how to support occupational health in the medical curriculum</li> </ol>	<b>LEARNING OBJECTIVES:</b> <ol style="list-style-type: none"> <li>1. Describe updates to hospital based communicable disease surveillance protocols, including changes in recommended immunization, surveillance and post-exposure prophylaxis based on the OHA/OMA Communicable Disease Surveillance Protocols for Ontario Hospitals</li> <li>2. Recommend safe injection practices in the clinical office setting to avoid bacterial and blood-borne pathogen outbreaks</li> <li>3. Outline critical infection prevention and control best practices in an office setting, including basic parameters for reprocessing medical equipment</li> </ol>
3:15 pm – 3:40 pm <b>Panel Discussion with Dr. Eugene Wen, Dr. Ray Copes and Dr. Linn Holness</b>		3:15 pm – 3:40 pm <b>Panel Discussion with Dr. Maureen Cividino, Dr. Allison McGeer and Dr. Kevin Katz</b>



3:40 pm – 3:50 pm **REFRESHMENT BREAK** - Lower Level Foyer

3:50 pm – 4:35 pm (10min Q&A)

Ballroom

**Evidence-Based Occupational Medicine:  
Introducing Cochrane Work**

*Dr. Sebastian Straube*

**LEARNING OBJECTIVES:**

1. Discuss the evidence or lack of evidence for interventions in Occupational Health
2. Demonstrate knowledge of important recent systematic reviews in Occupational Health
3. Discuss how the Cochrane Collaboration and Cochrane Work can help them in their practice of Occupational Medicine

4:35 pm – 4:45 pm **CLOSING REMARKS**

