

Canadian Society of Safety Engineering
Eastern Ontario Chapter

March 29, 2018
Ottawa Police Association
Ottawa ON

Attendance:

Chair – Pam Davis
Vice-Chair (Membership Development) – Lee-Anne Feltham (interim)
Secretary-Tammy Scantlebury
Treasurer- Tanya Hewitt
Director/NAOSH and Chapter Awards – Kimberly O’Connell
Director Education and Professional Development – Dianne Walsh
Director of Community Events – Cristina Paglierello (interim)
Director of Communications – Kevin Schmidt
Past Chair – Greg Swan
RVP – Sue McLaren (regrets)

See Attendance Sheet – 15 members, 2 non-member, 0 guests/students signed in

- A. Meeting called to order at 8:33a.m. by Pam Davis
- B. **Roundtables**
Discussed issues with emails and those not getting notifications advised to speak with Kevin Schmidt.
Welcome to new members.
- C. **Chapter Updates**
New website almost completed. Will be able to pay online.
Excellence Awards – nominations now open. You should have received a notice from CSSE.
Close in April. Categories:
 Outstanding Service to CSSE
 Outstanding Service to the Safety Profession
 Outstanding Achievement
 Special Project
 New to the Safety Profession (chapter award)
Encouraged to think of own organization, or self to be nominated. Goal is to have someone from our Chapter recommended for all categories.

NAOSH Week is May 6-12. Steps for Life will be held on Saturday May 5th at Ottawa City Hall, 110 Laurier Ave. W. Registration opens at 0900, opening remarks begin at 10:00 AM. If your

company is planning their own activities you can go to the NAOSH website for more info.
www.threadsoflife.ca

Health and Safety Professional Development Day = Monday May 7th, 9 AM-3 PM Pineview Golf Club. Cost TBD.

Speakers include:

Corrie Pitzer - Keynote
Adrian Miedema - Dentons Labour and Dafey Lawerr
Jean Justa - MOL Construction Provincial Coordinator
Dane Demers - Marijuana Legalization expert
Ron Kelusky - NEW Chief Prevention Officer for Ontario

Save the date!! Sept. 16-19, 2018 Niagara Falls – CSSE Professional Development Conference.

32 concurrent sessions,
9 ½ day workshops
9 professional development courses and
100+ Exhibitors

Will be able to register on new National Website once it is up and running.

National is having a draw for free registration for the conference. Need to send names of all members who attended and names will be thrown into draw closes May 31st. One free registration per region.

Meeting for April will be cancelled on account of the Professional Development Day, Monday May 7th.

D. Presentation – Dr. Robert Bourgault “Work-Related Asthma – a practical framework for diagnosis, management and prevention of Work-Related Asthma”

Objectives;

- Gain understanding about the hazards that cause Work Related Asthma WRA
- Recognize possible WRA in adults with new onset or recent deterioration
- Understand the process for diagnosis and management
- Assist workers to reduce or prevent exposures
- Understand initiatives to prevent and educate

WRA is most common occupational Respiratory disorder in the industrialized countries. 10-15% is related to occupational exposure

Sometimes it is forgotten as occupationally related as it is not an “Injury”. Early recognition is important to manage impact of the disease. Mean time to diagnosis is approximately 5 years as patients not sharing all info and the MDs aren’t asking the right questions. Often under-recognized.

Occupational Asthma = new onset, reactivation of a dormant asthma (sensitizer induced)

Work exacerbated Asthma = someone with asthma whose symptoms worsen with exposure in the workplace.

Sensitizer Induced = asthma due to a respiratory sensitizer. Time of exposure to development of symptoms can be months to years (especially with animal proteins). Symptoms get worse after work and improve with time away. Early responders (within 30 min of exposure), Late responders (within a few hours so can be when they get home). Some agents can produce dermal responses.

Irritant Induced Occupational Asthma: rapid onset following high level exposure to an irritant. Can include chemicals that are not usually sensitizers.

Isocyanates can have quick reactions but can take up to 2 years of exposure to become sensitized.

Latex

Wood workers - Ash conifers, ebony, mahogany, oak, red cedar, spruce can cause asthma

Agriculture - animal allergens mites in molds

Metal workers - nickel, cadmium etc...

The Lung Association has great resources; Asthma Triggers booklet

Diagnosis: some things that can help lead to a diagnosis are: symptoms worse at work; symptoms started as an adult; exposure to new products. Look for evidence of sensitizers in the WP. SDSs; Referral to specialist; Testing such as:

- Peak flow meter looks at maximum flow rate.

- Serial Methacholine challenge – is it due to sensitizer at work or is it work exacerbated asthma. At work and then off work 1-2 weeks. Change in PC20 at work vs off work will provide evidence of work-relatedness. A negative methacholine while the worker is exposed rules out Occupational Asthma.

- Immunologic assessments- skin pricks, IgE assays not useful if negative

- Specific Inhalation Challenge – expose individual to the substance by inhalation to see what happens. This test is rare and always done in hospital setting.

Management: treat asthma; address issues of potential workplace exposure and initiate WSIB claim.

OA – remove from exposure

Irritant Induced Asthma - remove from work until symptoms are resolved. RTW should be considered a trial.

Need to file a WSIB claim as may need to be removed from job and given a different job.

Majority of workers continue with symptoms and functional abnormalities Maximum Medical Recovery can be up to 2 years if not more. Sensitized individuals will remain so as it never goes away. If irritant induced it usually goes away.

Prevention:

- Primary: prevent onset. Target healthy people – reduce exposure
- Secondary: identify early disease. Screening programs (surveillance) isocyanates.
- Tertiary: reduce damage/impact of symptomatic disease –treatment, work accommodation, job retraining.

- 1) Identify hazard
- 2) Eliminate
- 3) Substitute
- 4) Engineering controls
- 5) Administrative controls
- 6) PPE
- 7) Exposure monitoring program: have we succeeded in preventing exposures
- 8) Continual improvement

Case study reviewed.

E. Upcoming Meetings/Presentations

April 26 – Postponed due to Professional Development Day

June 28, 2018 - OPA Langevin Learning Services – Best Practices for Business Results

F. Draw/Door Prize

2 door prizes given away

G. Adjourment Meeting was adjourned at 10:00 a.m. by Pam Davis

Chair Signature: _____

Date: _____

Secretary Signature: _____

Date: _____

