Pre-conference training at the Pacific Northwest Section AIHA's 2020 Northwest Occupational Health Conference

This course will address the role of the industrial hygienist in emergency planning and response, and explore the intersection of infection control and industrial hygiene concepts in understanding infectious disease transmission and developing best practices for controlling workplace exposure to COVID-19.

Course topics will include:

- How the concepts of infection prevention and industrial hygiene overlap in controlling exposure to infectious diseases
- Best practices for controlling Covid-19 transmission in the workplace
- The use of chemicals for disinfection, and impacts on worker health and safety
- The negative physical and mental health impacts on workers as a result of controlling COVID-19 transmission

REGISTRATION & COURSE LOGISTICS

October 21-22, 2020, 8:00am-11:30am
Virtual classroom format using zoom technology

Registration is open at pnsaiha.org
Special short course + full conference combo price:
$150 for PNS-AIHA members, $250 non-members.

For more information about registration, contact PNS-AIHA at (206) 525-9908 or administrator@pnsaiha.org

INFORMATION

Northwest Center for Occupational Health and Safety Continuing Education Programs
Phone: 206-685-3089
E-mail: ce@uw.edu
Website: osha.washington.edu
Peter A. Breysse Memorial Lecture

Industrial Hygiene Lessons Learned - So Far - From the COVID-19 Pandemic

Lisa Brosseau, ScD, CIH, Professor (retired), Research Consultant, University of Minnesota Center for Infectious Disease Research and Policy

Dr. Brosseau received her masters and doctoral degrees in Industrial Hygiene from the Harvard School of Public Health. She spent her career as an academic researcher at the University of Minnesota and University of Illinois at Chicago, teaching graduate-level industrial hygiene courses and conducting research on respiratory protection and small business workplace safety interventions. Her early research with respirators focused on filter performance, comparison of surgical masks vs. respirators and respirator use in healthcare settings. More recent research focused on better understanding how respirators fit during work.

About the Lectureship: The Peter A. Breysse Memorial Lectureship was established by the Breysse family and friends in honor of Peter Breysse, associate professor emeritus in the Department of Environmental and Occupational Health Sciences, to recognize his dedication to worker and public health.

Featured Speakers

Marissa Baker, PhD,
Assistant Professor,
Department of Environmental & Occupational Health Sciences (DEOHS), University of Washington

Tony Boone, CIH, CSP, CHMM, CEI,
Director, Environmental Occupational Health and Safety, San Francisco Fire Department

Tori L. Crain, PhD,
Assistant Professor of Industrial-Organizational (I-O) Psychology, Department of Psychology, Portland State University

Nancy Simcox, MS,
Lecturer and Director of Continuing Education Programs, UW DEOHS

W. Jon Williams, PhD,
Senior Research Physiologist, Research Branch, National Personal Protective Technology Laboratory (NPPTL), National Institute for Occupational Safety and Health (NIOSH), Center for Disease Control and Prevention (CDC)

Dave McNiel, CSP,
PNW Safety Manager, Foster Poultry Farms
The Intersection of Industrial Hygiene, Emergency Planning and Infection Control: COVID-19 Response Lessons Learned

COURSE AGENDA

Day 1 - October 21, 2020

8:00-8:05am  
Welcome and Introduction – Kate Durand, MHS, CIH, CSP, Continuing Education and Outreach Manager, Northwest Center for Occupational Health and Safety, UW DEOHS

8:05-8:10  
Peter A. Breysse Memorial Lecture Introduction – Martin Cohen, ScD, CIH, CSP, Principal Lecturer, Director, Field Research and Consultation Group, Assistant Chair for Stakeholder Engagement, UW DEOHS

8:10-9:10  
Peter A. Breysse Memorial Lecture  
Industrial Hygiene Lessons Learned - So Far - From the COVID-19 Pandemic  
Lisa Brosseau, ScD, CIH, Professor (retired), Research Consultant, University of Minnesota Center for Infectious Disease Research and Policy

9:10-9:50  
The Role of Industrial Hygiene in Emergency Planning and Response – Lessons Learned from Covid-19 – Tony Boone, CIH, CSP, CHMM, CEI, Director, Environmental Occupational Health and Safety, San Francisco Fire Department

9:50-10:00  
Break

10:00-10:45  
SARS-CoV-2 Aerosol Inhalation: Assessing Workplace Risk and Selecting Controls – Lisa Brosseau

10:45-11:30  
Essential Workers Case Study - Dave McNiel, CSP, PNW Safety Manager, Foster Poultry Farms

- See next page for day two agenda
### COURSE AGENDA

**Day 2 - October 22, 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00-8:15am</td>
<td>Welcome and Introduction - Kate Durand</td>
</tr>
<tr>
<td>8:15-9:00</td>
<td><strong>Surface Disinfection: How do we Control Chemical Hazards to Workers and Kill the Virus?</strong> Nancy Simcox, MS, Lecturer, UW DEOHS, Director NWCOHS CE</td>
</tr>
<tr>
<td>9:00-9:45</td>
<td><strong>Worker Stress, Sleep, and Fatigue During the Covid-19 Pandemic: Challenges and Recommendations for Practice</strong> – Tori L. Crain, PhD, Assistant Professor of Industrial-Organizational (I-O) Psychology, Department of Psychology, Portland State University</td>
</tr>
<tr>
<td>9:45-10:00</td>
<td>Break</td>
</tr>
<tr>
<td>10:00-10:45</td>
<td><strong>Physiological and Psychological Burden of Extended Use of PPE on Healthcare Workers in the Covid-19 Response</strong> – W. Jon Williams, PhD, Senior Research Physiologist, Research Branch, National Personal Protective Technology Laboratory (NPPTL), National Institute for Occupational Safety and Health (NIOSH), Center for Disease Control and Prevention (CDC)</td>
</tr>
<tr>
<td>10:45-11:30</td>
<td><strong>Worker Risk for COVID-19: More than Just your Occupation</strong> – Marissa Baker, PhD, Assistant Professor, UW DEOHS</td>
</tr>
</tbody>
</table>

---

**INFORMATION**

Northwest Center for Occupational Health and Safety Continuing Education Programs

Phone: 206-685-3089  
E-mail: ce@uw.edu  
Website: osha.washington.edu