### Thursday January 8th

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>10:00 - 10:15</td>
<td>Welcome (Janice/Pete)</td>
<td>Semiahmoo Ballroom</td>
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<tr>
<td>10:15 - 12:15</td>
<td>Opening Plenary Session</td>
<td>Intervention Research</td>
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<tr>
<td>10:15 - 10:50</td>
<td>Pete Johnson (UW), Can New Truck Seats Reduce Low Back Pain? A Randomized Controlled Trial</td>
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<td>10:50 - 11:25</td>
<td>Ryan Olson (OHSU), A Total Worker Health program for home care workers: Six month outcomes</td>
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<td>11:25 - 12:00</td>
<td>Carolyn Gwat (UBC), Lessons Learned from a Randomized Worksite Wellness Intervention</td>
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<td>12:00 - 12:45</td>
<td>Buffet Lunch</td>
<td>Semiahmoo Ballroom</td>
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<tr>
<td>12:45 - 1:45</td>
<td>David Bates Memorial Lecture</td>
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<td>Lex Burdorf, Erasmus MC, Rotterdam, The Netherlands</td>
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<td></td>
<td>&quot;Paid employment and health inequalities: mechanisms, interventions, and policy consequences.&quot;</td>
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### 1:55 - 3:55

**Air Pollution and GIS**

**Chair** | Perry Hystad (OSU)
---|---
1:55 - 2:15 | Elena Austin (UW), Identification and Classification of Multi-pollutant Peak Events in Mobile Monitoring Data
2:15 - 2:35 | Kathleen McLean (UBC), An evaluation of the British Columbia Asthma Monitoring System (BCAMS) during the 2014 forest fire season
2:35 - 2:55 | Erin Riley (UBC), Multi-pollutant mixtures identified from a principal component analysis by melding mobile monitoring and integrated passive sampler data.
2:55 - 3:15 | Meng Wang (UW), Hybrid Spatiotemporal Models Combining Land Use Regression and Chemical Transport Modeling in a Geospatial Framework for Ozone in the U.S: the MESA Air Study
3:15 - 3:35 | Perry Hystad & Michael Brauer (OSU/UBC), PURE-Air: A Global Epidemiological Study of Air Pollution and Cardiopulmonary Disease
3:35 - 3:55 | Tyler Nicholas (UW), Contribution of time-in-transit to individual exposure to traffic-related air pollution

### 1:55 - 3:35

**Policy and Guideline Development**

**Chair** | Janice Camp (UW)
---|---
1:55 - 2:15 | Cheryl Peters (UBC), Disparities in occupational exposure limits in Canada
2:15 - 2:35 | Deborah John (OSU), Determining environmental assets in six Oregon communities to explain the rural obesogenic context
2:35 - 2:55 | David Kalman (UW), Washington State initiatives to reduce environmental toxicants
2:55 - 3:15 | Melanie Gorman Ng (UBC), Policy Review of Siica exposure reduction efforts
3:15 - 3:35 | Sarah Henderson (UBC), Was the AirCare vehicle inspection program associated with reduced cardiovascular mortality in the Lower Mainland of British Columbia?
3:35 - 3:55 | Lorraine McIntyre (UBC), Development of guidelines for sous vide style cooking safety in restaurants

### 1:55 - 3:55

**Panel**

**Chair** | Erica Frank (UBC)
---|---
**Panelists** | Erica Frank (UBC), Laura Skelton (WPSR), Tim Takaro (SFU), Frank James (UW), Trevor Hancock (Uvic)

### 3:55 - 4:15

Refreshment and Networking Break - Semiahmoo Prefunction
### Thursday January 8th

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#### Ignite and Lightening Session  
**Chair** Chris McLeod (UBC)  
Sponsored by the University of Washington Northwest Center for Occupational Health

1. **Larry Frisch (UBC)**, The file-drawer problem: finding grey literature and unpublished studies in meta analysis
2. **Peter Rabinowitz (UW)**, Quantitative Microbial Risk Assessment of salmonellosis for owners of backyard poultry flocks, Seattle, WA
3. **Andres Cardenas (OSU)**, In Utero Arsenic Exposure and Epigenome-Wide Association in Placenta, Artery and HUVEC
4. **Emily Rugel (UBC)**, Using Google Street View for Subjective Natural Space Assessments
5. **Andrew Larkin (OSU)**, Modelling Global Traffic Air Pollution: A Path Forward?
6. **Jennifer Pryzybyla (OSU)**, Brominated Flame Retardant Exposure and Attention Deficient Hyperactivity Disorder in U.S. Youth
7. **Carly Miller (UW)**, A health risk appraisal to evaluate chronic health risk factors in commercial fishermen.
8. **Margaret Hughes (UW)**, Does Whole Body Vibration Influence Cardiac Health?
9. **Andrea Jones (UBC)**, Do physician referrals, surgical decision-making, and time to surgery differ by gender/sex amongst a cohort of injured workers?
10. **Ben Ashraf (OSU)**, Lyme Disease in Rhode Island: How a combination of climate patterns may influence the number of cases
11. **Siobhan Doria (SFU)**, Mount Polley Mine Spill: The Destruction of Environment and Mind
12. **Anita Mihn (UBC)**, Young, alienated, and excluded: Youth mental health and the labour force by gender

#### San Juan A  
**Chair** Jack Dennerlein (NEU)

4:15 - 5:55  
**Musculoskeletal and Heat Related Illnesses**

- 4:15 - 4:35  
  **Laurel Kincl (OSU)**, Safety Voice for #1 - Frisch
  **Influence Cardiac Health?**

- 4:35 - 4:55  
  **David Rempel (UCSF)**, Work-Related Factors Associated with Carpal Tunnel Syndrome: Analysis of Pooled Prospective Data from 2532 Workers

- 4:55 - 5:15  
  **Stephen S Bao (LNI)**, Identifying workplace risk factors and best practices to reduce work-related musculoskeletal disorders among high risk industries in Washington State

- 5:15 - 5:35  
  **Miriam Calkins (UW)**, Impact of Extreme Heat Events on Emergency Medical Services in King County, WA

- 5:35 - 5:55  
  **June Spector (UW)**, Risk factors for heat-related illness in Washington crop workers

| 6:00 - 7:30 | Poster Session  
**Authors Attend Posters from 6:30 to 7:30**  
No Host Bar, Poster Viewing and Pre-Dinner Networking |

| 7:30 - 9:30 | Dinner  
**Dinner Talk Chair** - David Patrick (UBC)  
**Dinner Talk** - Bruce Lanphear (UBC)  
"Victories in Public Health: Progress or Adaptation?" |

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### Friday January 9th

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<th>Time</th>
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| 8:30 - 9:50   | Semiahmoo Ballroom| **Moderated Discussion**
|               |                   | **Science and Advocacy: Walking the Tightrope**                        |
|               |                   | Panelists: Christopher Carlsten (UBC), Bruce Lanphear (SFU), Joel Kaufman (UBC) |
| 8:30 - 9:50   | San Juan A        | **Exposure Assessment**  
|               |                   | Chair: Noah Seixas (UW)  
|               |                   | 8:40 - 9:00 - Hugh Davies (UBC), Reducing Exposure to Respirable Crystalline Silica in BC’s Construction Industry  
|               |                   | 9:00 - 9:20 - Judith Anderson (AFAI), Everything you don’t want to know about chemicals in clothes: An investigation into cabin crew uniforms at one US airline  
|               |                   | 9:20 - 9:40 - Jane G. Pouzou (UW), Comparative Risks of Occupational Exposure to Two Pesticide Alternatives  
|               |                   | 9:40 - 10:00 - Leanne Cusack (OSU), A quantitative approach to determine cardiovascular and neurodevelopment risks and benefits from methylmercury and omega-3 fatty acids in fish consumed from the Columbia River Basin  
| 9:50 - 10:20  | Semiahmoo Ballroom| **Checkout, Refreshment and Networking Break**  
| 10:20 - 12:00 | Semiahmoo Ballroom| **Injuries and Injury Surveillance**  
|               |                   | Chair: Laurel Kind (OSU)  
|               |                   | 10:20 - 10:40 - Jeanne M. Sears (UBC), Identification and surveillance of work-related severe traumatic injury hospitalizations  
|               |                   | 10:40 - 11:00 - Jack Dennerlein (NEU), Improving construction site safety climate through a safety recognition and communication (incentive) program: results from a cluster RCT  
|               |                   | 11:00 - 11:20 - Laura Syron (OSU), Non-fatal Occupational Injuries in the Alaskan Commercial Fishing Industry during 2006 – 2010  
|               |                   | 11:20 - 11:40 - Laura A Blanar (UBC), Older adult occupational injury in association with health state and job demands  
|               |                   | 11:40 - 12:00 - Mieke Koehoorn (UBC), Are all fatal and hospitalized work-related injuries captured in workers’ compensation data?  
| 12:10 - 12:30 | Semiahmoo Ballroom| **Closing Session and Student Awards Ceremonies**  
|               |                   | Chair: Dave Kalman (UW)  
| 10:20 - 12:00 | San Juan A        | **Indoor Environment**  
|               |                   | Chair: Karen Bartlett (UBC)  
|               |                   | 10:20 - 10:40 - Amy Kim (UBC), Analysis of the Indoor Environment Quality for a LEED Gold Commercial Building  
|               |                   | 10:40 - 11:00 - Leila Scannell and Murray Hodgson (UBC), Occupant satisfaction with noise in health authority administration offices in the Lower Mainland  
|               |                   | 11:00 - 11:20 - Karen Bartlett, Leila Scannell and Jinying Sun (UBC), Occupant satisfaction with comfort parameters (light, temperature & air quality) in health authority administration offices.  
|               |                   | 11:20 - 11:40 - Amy Hall (UBC), Estimating Canadians’ exposures to antineoplastic agents at work: Past findings and future directions  
|               |                   | 11:40 - 12:00 - Elizabeth Spalt (UBC), Patterns in Indoor, Outdoor, In-Vehicle, and Personal Measurements of Volatile Organic Compounds  
| 10:20 - 12:00 | San Juan B        | **Public Health**  
|               |                   | Chair: Trevor Hancock (Uvic)  
|               |                   | 10:20 - 10:40 - Maya Gislason (SFU), Addressing the public health dynamics of intensive natural resource extraction in Canada  
|               |                   | 10:40 - 11:00 - Karen Rideout (UBC), Addressing health inequities and the social determinants of health from the front lines: Equity in environmental health practice  
|               |                   | 11:00 - 11:20 - Linda Dix-Cooper (BCCDC), The Seed Study (Study of NEwcomer WomEn and Developmental Toxicants)  
|               |                   | 11:20 - 11:40 - Anjum Hajat (UBC), A conceptual framework for understanding the joint effect of the social and physical environment on cardiovascular disease  
|               |                   | 11:40 - 12:00 - Farah Shroff (UBC), Public Health and Holistic Health Practices: Global and Local Issues  
| 12:10 - 12:30 | Semiahmoo Ballroom| **Awards Ceremony**  
| 12:40 - 1:00  | Semiahmoo Ballroom| **Lunch**  

*Note: Times and titles are approximate and subject to change.*
<table>
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### Public Health

1. **PH: Laura Dale and Candice Chan (UBC)**, A Comprehensive Health Risk Assessment Tool for Canadian Women
2. **PH: Mohmood Bushra (UBC)**, Behavioural Framework for Mapping Obesity Prevention Intervention Options in Qatar
3. **PH: Larry Frisch (UBC)**, Can we assess commonality of measures among published-addiction-related studies form BCs and CRISM’s western node?
4. **PH: Leena Hasan (SFU)**, From Global to Local: Fighting Climate Change to Protect Health
5. **PH: Alysha McFadden (SFU)**, Breastfeeding Inequity Research and Public Health Nursing Praxis: Tensions and contestations of peopled categories
6. **PH: Kimberly Burrrus (UBC)**, Examining Cancer Incidence by Immigrant Status in British Columbia
7. **PH: Alexandra Collins (SFU)**, Global Fund-ization: Funding mechanisms and HIV/AIDS program survival in Sierra Leone
8. **PH: Cherry Yang (OSU)**, Safety Investment Patterns of Chinese Businesses in High-risk Industries
9. **PH/EOH: Jordan Brubacher (SFU)**, Associations between biogeoclimatic zones, land use, geology and five acute gastrointestinal illnesses in British Columbia from 1993-2013 and potential implications given climate change
10. **PH: Sophie Wang (SFU)**, Second hand smoke: changes in policy across time in Canada and population health impacts
11. **PH/EH: Meimei Xu (UBC)**, The association between fine particulate air pollution and mortality in Beijing, China
12. **PH/EH: Nathalie Ste-Marie (SFU)**, Relationship between air pollution, income and systemic inflammation in Canada

### Environmental Health

13. **EH: Laura Rascón Padilla (UW)**, Total Mercury Levels in Fish from Western Washington Markets
14. **EH: Nimesh Patel (SFU)**, Prenatal Mercury Exposure and Behaviors in Children through 8 Years of Age: THE HOME Study
15. **EH: Amber Lyon Colbert (OSU)**, Source Tracking of Fecal Indicator Bacteria: Bacteroides in Hilo Bay, Hawaii Estuaries
16. **EH: Nicole Remenda (UBC)**, An External Naturally Occurring Radioactive Materials (NORM) Survey Performed at a Steam Assisted Gravity Drainage Facility
17. **EH: Virginia Hamilton (UBC)**, Exposure Profile of a Waste Water Treatment Plant
18. **EH: Mark Roberts (OSU)**, Hazardous Air Pollutant Exposure and Childhood Cancer in Texas
19. **EH: Xu (Grace) Wei (UW)**, Comparison of exposure prediction models based on two monitoring methods for different time types in Baltimore
20. **EH: Louis Wang (SFU)**, Health Impact of 1,3-Butadiene from the Kinder Morgan Trans Mountain Pipeline
21. **EH: Alil Hosseini (UBC)**, Submucosal inflammatory response upon controlled human exposure to allergen and diesel exhaust in lower airways
22. **EH: Emily Carpenter (UW)**, Evaluation of 1-Nitropyrene as a Surrogate Measure for Diesel Exhaust: Assessment of Personal Air Monitoring and Job Task Survey Data
23. **EH: Marabeth Kramer (UBC)**, Effect of diesel exhaust and allergen co-exposure on systemic and lung adipokine levels in atopic adults

### Occupational Health

25. **OH: Emily Prager (UBC)**, Volatile Organic Compounds: Operator Exposure Assessment
26. **OH: Mili Baghela (UBC)**, Manganese Exposure Amongst Contract Welders at a Canadian Oil Sands Operation
27. **OH: Kia Lidster (UBC)**, Ammonia and Chlorine Monitoring in a Flue Gas Desulfurization
28. **OH: Fangfang Wang (UW)**, Difference in reaction times and standing balance based on the magnitude of the whole body vibration exposure
29. **OH: Marissa Baker (UW)**, The Future of Occupational Health