Final Program

AIHce 2017

Seattle, Washington • June 4-7
PDCs: June 3, 4 and 8

Not just a conference... an EXPerience

The Premier Conference and Exposition for Occupational and Environmental Health and Safety Professionals

www.AIHce2017.org
The global leader in analytical testing services

Full-service environmental and industrial hygiene testing laboratories including:

- Vapor Intrusion/TO-15
- Lead (Paint, Wipe, Air)
- Beryllium/High Fired Beryllium
- Methamphetamine/Illlicit Drugs
- Dietary Supplements
- Pesticides/Herbicides
- Perchlorate
- White Phosphorus
- Silica/Particulate (Respirable/Total)
- Amines
- TEM Characterization of Nanoparticles
- Vermiculite/Asbestos
- Explosives
- Hexavalent Chromium
- Antineoplastics
- Diacetyl/Acetoin

Visit us in Booth 1417!

We are the experts in analyzing Crystalline Silica by XRD!

- More than 30 years experience with NMAM 7500 and OSHA ID 142
- Rapid turnaround times, low reporting limits, and expert project managers at your service
- Fully accredited and compliant with NIOSH and OSHA guidelines

Cincinnati, OH: +1 513 733 5336    Salt Lake City, UT: +1 801 266 7700    Simi Valley, CA: +1 805 526 7161

www.alsglobal.com
Welcome to AIHce 2017

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Real-time Personal Wearable Particle Sensor
Silica
Next Generation Products!
- Extremely easy to use, automated pump control and calibration
- Lightweight, hold in one hand, clip on belt or put in vest pocket
- Web enabled control interface, no difficult buttons or sequences
- Highly accurate, test readings within seconds
- Measures respirable dust < 4 micron
- Particle counts and mass concentration
- Post sample analysis capability

AIHce 2017 Booth # 1306
AIHce At A Glance

Enhance Your AIHce EXP Through the App!
Download the AIHce EXP mobile app today and dive into a deeper EXPerience, thanks to our app sponsor Sitehawk!

- Access maps and search exhibitors
- Set up your personalized schedule and agenda
- Search the speaker list
- Network with other attendees through NEW private messaging feature
- Play CODENAME: IH for a chance to win great prizes
- See what’s happening in the NEW conference social feed
- Available even when you can’t get WiFi or cellular service
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<th>Monday, June 5 11:15 AM - 12:15 PM</th>
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<td>Chemical and Material Hazards</td>
<td>• EHS Issues with Taxidermy Specimens</td>
<td>• Firefighting Hazards and Dust Masks • Hazardous Chemicals: What Are the Alternatives?</td>
<td>• Dairy Exposures to Airborne Endotoxins and β-Glucans</td>
<td>• Poster Session 2 • Vaping Aerosols and Secondhand Exposures</td>
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<td>Controls</td>
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<td>• Three Talks on Respirators</td>
<td>• Goin’ Hot: Remember the IH Fundamentals</td>
<td>• Current Topics in Protective Clothing and Equipment</td>
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<td>Emergency Preparedness and Response</td>
<td>• Acute and Emergency Exposure Limits for Chemical Release Incidents</td>
<td>• Integrating the IH with the First Responder</td>
<td>• Zika, Pathogens, and Ammonium Hydroxide</td>
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<td>Environmental Issues</td>
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<td>Hazard Recognition and Evaluation</td>
<td>• Interesting OSHA Health Cases, Part 1 • Consumer Products Exposure • IEO Molds and Mycotoxins: Current Issues • IH and Animal Research: Current Issues • Poster Session 1 • Advances in Real-Time Detection and Sensor Technology</td>
<td>• Interesting OSHA Health Cases, Part 2 • Heavy Metals, Contaminated Schools, and Risk Characterization • Computers Can Make Your EHS Life Easier</td>
<td>• Sampling, Analytical Methodology and Testing, Part 1 • Crystalline Silica Exposure Management • A Variety of Hazards • Something Smells: Odors and Vapor Intrusion</td>
<td>• Risk Assessment Triptych • Streamlining Exposure Assessment • Three Times the Data</td>
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<td>IH Profession and AIHA</td>
<td>• Q&amp;A with Ken Jennings</td>
<td>• Herbert E. Stokinger Award Lecture</td>
<td>• William P. Yant Award Lecture • The 8th Habit of Highly Effective IH Leaders</td>
<td>• 17th Annual Upton Sinclair Memorial Lecture for Outstanding EHS Investigative Reporting</td>
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<td>IH Program Management</td>
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<td>• GHS/HazCom: Where Employers Are Out of Compliance</td>
<td>• Going Green: Applying IH Concepts in Nontraditional Ways</td>
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<td>Industries</td>
<td>• Can Worker Fatigue Be Predicted Hours in Advance?</td>
<td>• Biological Monitoring Methods</td>
<td>• EHS Topics in Construction • Wildfires: The IH Role, Part 1</td>
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<td>• Operational and Strategic Planning in Laboratories, Part 1 • Turnaround Tales: Health and Safety Challenges</td>
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<td>Physical Hazards</td>
<td>• Topics in Ergonomics</td>
<td>• Notable Confined Spaces and Issues</td>
<td>• Radiation Protection Strategies, Part 1 • Noise-Induced Hearing Loss: The Derek E. Dunn Invited Lecture Series</td>
<td>• Radiation Protection Strategies, Part 2</td>
<td>• Dealing with Noise • Occupational Hygiene in British Columbia: Confined Spaces in Agriculture • Using the New Cumulative Lifting Index and Cumulative Strain Index</td>
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<td>Regulation and Public Policy</td>
<td>• Emerging Issues in Beryllium Regulation, Part 1 • 3D Printing: Impact on the Manufacturing Environment</td>
<td>• Emerging Issues in Beryllium Regulation, Part 2 • Occupational Exposure Outside the USA • The Impact of the Updates to TSCA</td>
<td>• Exposures in Coffee Processing Facilities • Mock Trial, Part 1</td>
<td>• Industrial Hygiene and Safety in Ukraine • Mock Trial, Part 2</td>
<td>• H&amp;S Considerations Surrounding the Aging Worker • Mold, Coal Mines, and Lead: A Look at Regulation and Public Policy • Protecting African Workers: Contemporary Issues</td>
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<td>Safety</td>
<td>• Topics in Safety</td>
<td>• Data-Based Approach to Improve Research Safety</td>
<td>• Workplace Well-Being: Bridging Safety and Health</td>
<td>• Selling Safety to the Front-Line Employee</td>
<td>• Behavior-Based Safety: Changing Behaviors</td>
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<td>• The World of Low Submicrogram Beryllium Concentrations</td>
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<tr>
<td><strong>11:15 AM - 12:15 PM</strong></td>
<td>• NIOSH Education Session</td>
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<td>• The Sole IH/EHS Professional in Your Organization</td>
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<td><strong>2:00 PM - 3:00 PM</strong></td>
<td>• Successfully Applying for the CIH Exam</td>
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<td><strong>3:15 PM - 4:15 PM</strong></td>
<td>• Perspectives on Preparation for the CIH Exam v12.0</td>
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<td><strong>9:00 AM - 10:00 AM</strong></td>
<td>• SDS Authoring and Reviewing, Part 1</td>
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<td><strong>10:15 AM - 11:15 AM</strong></td>
<td>• SDS Authoring and Reviewing, Part 2</td>
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<td><strong>1:00 PM - 2:00 PM</strong></td>
<td>• Making OH&amp;S Training Come to Life</td>
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<td><strong>2:00 PM - 3:00 PM</strong></td>
<td>• How to Use Creative Nonfiction Narrative to Improve Training</td>
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<td>• Operational and Strategic Planning in Laboratories, Part 2</td>
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<td>• Noise, Knees, Drugs, and Fungi</td>
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<td><strong>2:00 PM - 3:00 PM</strong></td>
<td>• Operational and Strategic Planning in Laboratories, Part 3</td>
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<td><strong>3:15 PM - 4:15 PM</strong></td>
<td>• Are Controls Working?: Evaluating Effectiveness</td>
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<td>• Diesel Exposure and Cancer in Mining</td>
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<td><strong>9:00 AM - 10:00 AM</strong></td>
<td>• Applying the Hierarchy of Controls to Infection Prevention</td>
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<td><strong>10:15 AM - 11:15 AM</strong></td>
<td>• Industrial Hygiene in the Healthcare Industry</td>
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<td>• Measuring Total Petroleum Hydrocarbon (TPH) Exposures</td>
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<td><strong>11:15 AM - 12:15 PM</strong></td>
<td>• Managing a Global Ergonomics Standard of Care</td>
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<td><strong>2:00 PM - 3:00 PM</strong></td>
<td>• 100+ Years of Radiation Risk Communication, Part 1</td>
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<td><strong>3:15 PM - 4:15 PM</strong></td>
<td>• Current Studies in Radiation</td>
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<td>• Noise Diagnostic Tools in the 21st Century</td>
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<td><strong>9:00 AM - 10:00 AM</strong></td>
<td>• Impact of Ergonomics on ADA Cases</td>
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<td><strong>10:15 AM - 11:15 AM</strong></td>
<td>• Noise, Dosimetry, and F-Weighting: Topics in Noise</td>
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<td><strong>1:00 PM - 2:00 PM</strong></td>
<td>• The Value Proposition of Ergonomics</td>
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<td>• Lead, Legionella and Disinfectant By-Products in the Flint Water Crisis</td>
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<td>• Vietnam Takes New Initiatives on Lead Exposures</td>
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<td>• OSHA’s New Recordkeeping Law</td>
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<td>• Occupational Hygiene Capacity in Developing Countries</td>
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<td>• Complex Interactions of Water System Contaminants</td>
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<td>• Multicultural Ethics: Calibrating Your Ethical Compass</td>
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<td>• Moving Your Organization through the EHSQ Maturity Curve</td>
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<td>• Investigative Photography</td>
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<td><strong>1:00 PM - 2:00 PM</strong></td>
<td>• Dust Explosion Hazards Management: NFPA 652</td>
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Conference Location
Conference events are held at the Washington State Convention Center (WSCC) unless otherwise noted. This includes education sessions (Early Riser and Late Night Learning sessions will be held at the Sheraton Seattle), the Expo, Speaker Ready Room, and the CareerAdvantage Development Fair. Volunteer groups and committees will meet at the Sheraton. A full listing of events can be found in the Schedule-at-a-Glance in the Final Program and on the AIHce 2017 Mobile App.

Badges
Lobby (4th Floor), WSCC
Registrants MUST wear a name badge to be admitted to all AIHce sessions and events, including social activities. Tours, AIHF activities, and selected social activities also require a ticket. Once tickets are purchased, fees are nonrefundable. However, ticket exchanges may be permitted, pending availability. After one initial reprint, there is a $5.00 charge for a lost badge or ticket replacement.

Children
Children and young adults 18 and under are not permitted at any AIHce 2017 events (including courses, sessions, socials, or in the Expo).

CIH Requirements
For detailed information about CIH requirements, contact ABIH directly at www.abih.org or visit the ABIH Booth [Booth 1127] while onsite.

Emergencies, First Aid, and Assistance
WSCC (outside Hall B)
The safety and security of attendees and staff is the first priority of AIHA and the WSCC. If a medical emergency occurs in the WSCC, contact WSCC Security Control Office by dialing ext. 5127 from any house phone in the facility. We respectfully request that you do not call 911 directly. A first aid station staffed daily by an EMT, Saturday – Thursday, is located outside Hall B in the South Foyer.

Evaluations
AIHce attendees will receive a nightly email to evaluate the sessions you attended that day. Additionally, attendees will receive an overall evaluation of AIHce immediately following the conference. PDC evaluations will be emailed to those who have attended courses or you can access them via the AIHce mobile app. Your feedback is appreciated and will be used to improve AIHce.

Expo
Exhibit Hall 4EF, WSCC
Monday .......................... 9:00 a.m.–5:30 p.m.
Tuesday .......................... 9:00 a.m.–3:00 p.m.
Wednesday ...................... 8:00 a.m.–1:30 p.m.

Do your gadgets need a boost after all the note taking, tweeting, and mobile app surfing you’ve been doing? Visit the AIHA Booth [Booth 1127].

Lost and Found
Information Desk, South Foyer, WSCC
Lost and found items may be taken to/ requested from the Information Desk on the 4th Floor (Atrium Lobby). AIHce will turn items into WSCC security each evening.

NEW in 2017!
Overflow Room sponsored by The Synergist
Room 601, WSCC
Unable to attend an education session because the room is full? AIHce is pleased to introduce the Overflow Room into which the slides and audio of a session in each time block that has reached capacity will be broadcast. Enjoy the benefits of the session — without having to stand. Final assignments of sessions into this room will be determined onsite as need arises.

Speaker Ready Room
Room 604, WSCC

Check-in is mandatory. Visit the Speaker Ready Room at least 60 minutes prior to the start of the session.

Technical Tours
Gather for your tour at the Convention Place Lobby (next to the fountain) on the 1st Floor of the WSCC at least 15 minutes prior to published tour departure. Requirements for participation vary by tour. Attendees interested in wait-listing for tours will be taken on a first-come, first-served basis after payment of tour fees if slots open on individual tours.

WIFI
Wireless Internet access is available throughout the WSCC.
- Network: AIHce2017
- Password: iamIH2017
AIHce Social
Sponsored by Chemwatch
Sunday, 7:00 PM - 9:00 PM
Grand Ballroom, Sheraton Seattle
Kick off the conference with food, drinks, and fun at the AIHce Social. Your conference badge is required to attend this event.

First Timers’ Orientation Breakfast
Sponsored by DuPont
Monday, 6:30 AM - 7:30 AM
Grand Ballroom C, Sheraton
First time attending? Hear tips on how to maximize your overall conference experience and meet other first-time conference-goers.

Expo Hall Networking Reception
Monday, 4:30 PM - 5:30 PM Exhibit Hall 4EF, WSCC
Mix, mingle, and network at the Expo Hall Networking Reception. This is the perfect opportunity to meet exhibitors, visit with colleagues, and learn about new products and services from AIHA and ACGIH. Plus, a free drink ticket is included with registration! Your conference badge is required to attend this event.

31st Annual AIHF FunRun
Tuesday, 6:30 AM - 8:00 AM
Sponsored by Boeing, 3M, Alliant, REPSS, SevenGen, ATC Associates, ESIS, Maupin, PNS AIHA, SafeX, Simply Seattle, Steel Dynamics, Susan Ripple Consulting, and WHWB
Lace up your running shoes and run 5k or walk 2k. All participants (individual runners, team runners, and sleep-in entries) must check-in at the FunRun desk (South Lobby, WSCC). Hours: Sunday, 12:00 PM - 5:00 PM and Monday, 8:00 AM - 5:00 PM.

AIHce POWER HOUR
Sponsored by MSA
Tuesday, 6:30 PM - 7:30 PM
Metropolitan Ballroom, Sheraton
You are invited to attend this “see and be seen” annual event! Your conference badge is required to attend.

Mark of Excellence Breakfast
Wednesday, 7:00 AM - 8:30 AM
Hall 4A, WSCC
The AIHce Mark of Excellence Breakfast is a celebration of the extraordinary contributions made by members and the volunteer community to the industry and the profession. Celebrate the achievements of each awardee while networking and enjoying a delicious breakfast buffet. This event is included in your registration, but pre-registration is required.

Final Program
Each attendee receives one copy of the Final Program as part of registration. Additional copies may be distributed on Wednesday, based on availability.

Descriptions of individual sessions may be found in the AIHceEXP 2017 mobile app.

Reading the Final Program
Each session includes:

A1. This is the Title of The Session
0:00 AM - 00:00 AM Room xxxx
Arranger/Moderator/Presenter:
Their Name.
10:00 a.m. – 10:20 a.m.
Presentation Title. Author.

If a session presents both scientific research and case studies, these are individual session titles and panelists confirmed as of April 21, 2017.

These are the session panelists confirmed as of April 21, 2017.

This is the session number. It corresponds to the time block the session is offered in:
• A = Monday; 10:00 AM -11:00 AM
• B = Monday; 11:15 AM -12:15 PM
• C = Monday; 2:00 PM –3:00 PM
• D = Monday; 3:15 PM –4:15 PM
• E = Tuesday; 10:00 AM –11:00 AM
• F = Tuesday; 11:15 AM –12:15 PM
• G = Tuesday; 2:00 PM –3:00 PM
• H = Tuesday; 3:15 PM –4:15 PM
• I = Wednesday; 9:00 AM –10:00 AM
• J = Wednesday; 10:15 AM –11:15 AM
• K = Wednesday; 1:00 PM –2:00 PM

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Join us for the CareerAdvantage “Building Careers for Life” Development Fair for a range of events designed for professionals of all levels.

**Career Portfolio: The New Professional Development Tool**
**Monday, June 5, 1:00 PM – 2:00 PM**
**Presenter: Isabel Zuclich, CIH, CSP**
A career portfolio is a visual representation of your abilities, skills, capabilities, knowledge and professional qualities. It can represent your potential. Physically, it’s a collection of items and documents — tangible materials — that represent work-related events from your professional life, as well as your community involvement. Seminar attendees will gain insight regarding how to organize and prepare a portfolio of accomplishments to support their career success in job-hunting, employee evaluations and promotions.

**Let’s Get Hired!**
**Monday, June 5, 2:15 PM – 3:15 PM**
**Presenters: Mary Ellen Brennan, SPHR and Bill Nichols, CHMM**
Advice for getting your resume into the hands of the hiring manager, as well as interview etiquette, will be provided to attendees of this interactive seminar. We will discuss the appropriate information to include on your resume, as well as editing and formatting recommendations to highlight key points for hiring and human resources managers. The presentation will also include tips and do’s and don’ts that participants can use to beef up their resumes. Additionally, seasoned hiring managers from within the industry will provide their perspective regarding what they look for in a candidate and things that turn them off during an interview.

**Mock Interviewing**
**Tuesday, June 6, 10:00 AM – Noon**
See yourself through an employer’s eyes when you meet with an experienced hiring manager during a mock interview. You will receive helpful feedback and learn how to make the most effective presentation of skills, abilities, and professionalism. Reserve your slot today by contacting Wanda Barbour at wbarbour@aiha.org to schedule your own personal session.

**Speed Networking**
**Tuesday, June 6, 3:00 PM – 4:00 PM**
Build lasting connections with colleagues from all professional levels and industrial settings at this innovative and fun networking event. It’s simple! Introduce yourself to a new colleague by spending 5 minutes with them as you try to match what you learn about them with a bingo spot on the “build your network” networking card. Use this opportunity to learn more about them before you move on to your next connection. There will be prizes for the top networkers! Don’t forget to bring plenty of business cards for this fun and exciting networking event. Registration starts at 2:45 P.M., or by stopping by CareerAdvantage Development Fair Hall 4B, Level 4 any time prior to the event.

**Résumé Critiquing**
Bring your résumé to the CareerAdvantage Development Fair to sign up for your individual résumé critiquing session with an experienced hiring director. You will get helpful feedback directly related to style, length, focus, use of accomplishments, keywords and more.

**Monday, June 5**
9:00 AM – Noon and 3:15 – 4:00 PM
**Tuesday, June 6**
9:00 AM – 10:00 AM and 1:00 – 3:00 PM
**Wednesday, June 7**
9:00 AM – Noon

**GO TO:**
Hall 4B on Level 4 of the Washington State Convention Center. We’ll see you there!
Students and Early Career Professionals Track

The following technical sessions were assembled for students and those new to the profession:

- **D7: The 8th Habit of Highly Effective Industrial Hygiene Leaders**
  Monday, June 5 at 3:15 PM – 4:15 PM, WSCC, 618-620
- **F2: The Sole IH/EHS Professional in Your Organization**
  Tuesday, June 6 at 11:15 AM – 12:15 PM, WSCC, 606-607
- **H12: Perspectives on Preparation for the CIH Exam v. 12.0**
  Tuesday, June 6 at 3:15 PM – 4:15 PM, WSCC, 303
- **K5: Oh, the Places You’ll Go!**
  Wednesday, June 7 at 1:00 PM – 2:00 PM, WSCC, 613-614

First Timers’ Orientation Breakfast sponsored by DuPont

Monday, June 5, 6:30 AM – 7:30 AM, Sheraton Seattle, Grand Ballroom A

Is this your first time attending AIHce? If so, please join us at the First Timers’ Orientation Breakfast to learn how to make your first AIHce your best experience of the year.

SECP Table Topics: Q&A

Monday, June 5, 12:30 PM – 1:30 PM, The Hub, Hall 4B

Topics address issues of specific interest to young industrial hygienists and those new to the profession. Seating is first-come, first-served. The first 25 attendees to appear at this session will receive a discount-ed voucher for lunch.

- IH Training Opportunities through ERCs
- Career Paths in Industrial Hygiene
- CIH Exam 101
- Field Work and Travel for the Industrial Hygienist
- Networking for the Industrial Hygienist
- Students in Global Industrial Hygiene
- Breaking Down Barriers

Mentoring Program Networking Event sponsored by ABIH

Hosted by the AIHA Mentoring and Professional Development Committee

Monday, June 5, 6:00 PM – 8:00 PM, FareStart, 700 Virginia Street, Seattle, WA 98101

This invitation-only event is open to all participating members of AIHA’s Mentoring Program, as well as individuals interested in being a mentor or having a mentor!

To learn more about the AIHA Mentoring Program, visit the AIHA Mentoring Booth 1136 in the Expo Hall.

SECP Table Topics: Meet Your Volunteer Groups

Tuesday, June 6, 12:30 – 1:30 PM The Hub, Hall 4B

Topics address issues of specific interest to young industrial hygienists and those new to the profession. Seating is first-come, first-served. The first 25 attendees to appear at this session will receive a discount-ed voucher for lunch.

- Building a Career Portfolio – Sponsored by the Career and Employment Services Committee
- Industrial Hygiene in the Oil and Gas Industry – Sponsored by the Oil and Gas Working Group
- Communication Etiquette in the Digital Age – Sponsored by the Communication and Training Methods Committee
- Top 5 Hazards in the Workplace and Ways to Control Them – Sponsored by the Hazard Prevention and Engineering Controls Committee
- Emergency Response and Incident Preparedness for the Young Professional – Sponsored by the Incident Preparedness and Response Working Group
- How Mentoring Relationships Can Set You Up for Professional Success – Sponsored by the Mentoring and Professional Development Committee

Volunteer Group Meetings

Sunday, June 4 – Wednesday, June 7

Unless otherwise noted, Volunteer Group meetings are open to everyone. Over the course of four days, more than 47 volunteer groups will meet to discuss a variety of technical and non-technical topics, including many that address the specific needs of IH students and young professionals. Check the AIHce mobile app for a complete list of all AIHA Volunteer Groups meeting this week. A couple of groups focused specifically on the needs of students and early career professionals are below:

- **Mentoring and Professional Development Committee Meeting**
  Tuesday, June 6, 4:30 PM – 6:30 PM, Sheraton Seattle, Willow B
- **Students and Early Career Professionals Committee Meeting**
  Wednesday, June 7, 3:30 PM – 5:30 PM, Sheraton Seattle, Aspen Room

Student Local Sections Council Business Meeting

Tuesday, June 6, 11:00 AM – 12:15 PM, WSCC, 3A

Expand your network and join the conversation! This is your opportunity to meet student local section officers and members, learn about the role of student local sections, and share best practices. Anyone interested in creating a student local section is invited to attend.

27th Annual Student Poster Session

Wednesday, June 7, 9:00 AM – 10:00 AM, The Hub, Hall 4B

Check out the scientific findings of your peers! Students will be on hand to discuss their research methods and results. Two posters will be selected “Best of Session.” Awards given by AIHA Volunteer Groups will be presented on Wednesday morning at the Mark of Excellence Breakfast.
2017 AIHA® Awards

Edward J. Baier Technical Achievement Award

This award is given to the individual or group of individuals, company, organization, or association that has made the most significant contribution to industrial hygiene in recent years through technical expertise, innovations, or scientific advancement.

The 2017 recipient is Dr. John “Jack” N. Driscoll, ACSF. As an innovator in the development of a photoionization detector (PID) for gas chromatography, Driscoll quickly recognized the potential to use PID technology in a stand-alone detector in the 1970s. He was the first to recognize and develop the potential of PID technology for the betterment of the IH profession, and more importantly for worker safety. Driscoll’s innovations and far-sighted development of PID technologies have led to a transformation in real-time detection tools used by the IH profession. He has also had a tremendous impact on a diverse range of other scientific disciplines. He is a member of the AIHA New England Local Section and the AIHA Environmental SIG as well as a corresponding member of the AIHA Real Time Detection Systems Committee.

Distinguished Service Award

This award recognizes distinguished service in the advancement of industrial hygiene, unique technical contributions to the aims and goals of AIHA®, proven leadership in the industrial/occupational hygiene profession, influence on public policy or social reform, or public and community service.

The 2017 recipient is Gayla J. McCluskey, CIH, CSP, ROH, QEP, FAIHA. McCluskey has contributed throughout her career to the practice of the profession through inspirational leadership, strong strategic thinking skills, an ability to develop effective consensus on contentious issues, and an ability to “get the job done” in her role in numerous professional leadership positions. She has been a key player and a driving force in the development of occupational safety and health policy and in the development of practice guidelines.

McCluskey is an AIHA Fellow and former president of the AIHA Board; chair of the Academy of Industrial Hygiene Council, and chair of the AIHA Finance Committee. She also served as the board coordinator for a number of AIHA Volunteer Groups, including the Communication and Training Methods Committee, Legal Issues Committee, Management Committee, Emerging Issues Committee, and the Career and Employment Services Committee.

Donald E. Cummings Memorial Award

This award is bestowed upon an individual who has made outstanding contributions to the knowledge and practice of industrial hygiene and who has been acknowledged for his or her contributions outside of the field of industrial hygiene. The recipient presents the Cummings Memorial Lecture at AIHce.

The 2017 recipient is Steve M. Hays, PE, CIH, FACEC, QEP, FAIHA. Hays, Partner and Chairman of the Board, Gobbell Hays Partners, Inc. (GHP), is the driving force behind the firm’s development as a recognized leader in dealing with hazards in the built environment. His background in the chemical industry, his certification as an industrial hygienist, and his knowledge of building systems give him unique expertise in providing consulting services related to environmental hazards. He has been a leading figure in the arena of industrial hygiene since the early 1980s, and his work has bridged the gap between industrial hygiene and sound engineering practices. Hays is an AIHA Fellow, a member of the AIHA Green Building Working Group, and the former chair of the Indoor Environmental Quality Committee. He is also a member of the AIHA Middle Tennessee Section.

Kusnetz Award

This award honors a certified industrial hygienist who has not reached his or her 40th birthday by May 1 of the year in which the award is presented; who is currently employed in the private sector; who by exhibiting high ethical standards and technical abilities, has provided for the highest standards of health and safety protection for employees for whom he or she is responsible; and who shows promise of leadership in the industrial hygiene profession. The 2017 recipient is Melissa Rupert, CIH, MS. Rupert’s impressive leadership abilities have always driven change within AIHA volunteer community. From her time leading the Mentoring Committee to her recent leadership of the Students and Early Career Professionals Committee, she has shown that her abilities to develop others while meeting new challenges are undeniable. Her leadership of the Mentoring and Professional Development Program was instrumental in developing the AIHA Mentoring Program that exists today. Her vision and ability to lead others have helped countless individuals in their career growth through the mentoring program. Rupert is the current chair of the AIH Foundation Donor Relations and Fundraising Committee and the AIHA Students and Early Career Professionals Committee. She is also a member of the AIHA Ohio Valley Local Section.

Alice Hamilton Award

This award is presented to an outstanding woman who has made a definitive, lasting achievement in the field of occupational and environmental hygiene through public and community service, social reform, technological innovation, or advancements in the scientific approach to the recognition, evaluation, and control of workplace hazards. The 2017 recipient is Thea D. Dunmire, JD, CIH, CSP. Dunmire has demonstrated commitment to worker health and safety through her endless devotion to the consensus standard process in management systems. In mid to late 2000, her leadership and management were instrumental in revising and enhancing OHSAS 18001/2. Later she served as a member of the U.S. Technical Advisory Group to Technical Committee 207 in support of the International Standards Organization’s (ISO) efforts to revise ISO 14001, ISO 19011, and most recently, ISO 45001, Occupational Health and Safety Management Systems – Requirements. Dunmire recognizes that the global corporate world needs to effectively manage risk, and that having harmonized and unified
management systems supports these efforts. She is chair of the AIHA EHSMS Task Force, a member of the AIHA Standards Advisory Group, and a member of the AIHA Management Committee. She is also a member of the AIHA Florida Local Section.

William P. Yant Award
This award is presented annually to an individual residing outside the United States for outstanding contributions in industrial hygiene or allied fields. The 2017 recipient is Dr. W.F.J.P.M. (Wil) ten Berge, PhD. Dr. ten Berge’s work has clearly changed the science and analysis surrounding dermal absorption, a key factor in human health assessment and impact. The industrial hygiene exposure paradigm—inhaling, ingestion, dermal absorption and injection—are traditionally recognized uptake pathways. Dermal absorption is, in general, less well quantitatively addressed historically in IH assessments than is inhalation. The “anticipation” part of preventing adverse effects from dermal exposure has not been supported by adequate qualitative or quantitative assessment tools. Around 1995, Dr. ten Berge developed and provided a publicly available assessment tool called SkinPerm, which has been updated several times since then. SkinPerm has a number of innovations in dermal modeling and is the only tool available that we are aware of that presents an estimation model of the air-to-skin-to-systemic circulation dose presented from airborne concentrations that are not inhaled. Dr. ten Berge has been an incredibly generous colleague, offering all of the modeling program source codes he has developed over the years to anyone wishing to use them in other software platforms. Over the last several years, Dr. ten Berge volunteered and collaborated with a Dermal Exposure Team sponsored by the AIHA Exposure Assessment Strategies Committee to refine the SkinPerm model’s ease of use and data presentation, resulting in the AIHA product “IH SkinPerm.” His innovations and contributions to this model development are extraordinary.

2017 AIHA Fellow Award Winners
Members chosen to be Fellows were nominated by colleagues in the profession for their significant contributions to the practice of industrial hygiene or related disciplines. The Fellow classification is limited to no more than 5 percent of the AIHA membership.

- Dianne Grote Adams, CIH, CSP, CPEA
- T. Renee Anthony, PhD, CIH, CSP
- John Baker, CIH
- Catherine C. Bobenhausen, CIH, CSP
- Steven Eugene Guffey, PhD, CIH
- Laura Hodson, CIH
- James H. Jones, CIH
- Michael D. Larrañaga, PhD, PE, CIH, CSP
- Christine A.D. Lorenzo, CIH
- Charles R. Manning, PhD, CIH
- Jerome E. Spear, CSP, CIH
- David A. Sterling, PhD, CIH, ROH
- Bonnie L. Weeks, CIH
- John N. Zey, CIH

President’s Award
This award is presented annually to an individual, task force, special interest group, or local section for outstanding contributions to efforts to achieve the mission of AIHA during the presidency year. Kept secret until conference, the award winner will be announced and honored at the Mark of Excellence Breakfast on Wednesday, June 7.

2017 ACGIH Awards
Meritorious Achievement Award
This award is given to members of ACGIH who have made an outstanding, long-term contribution to the progress of occupational health and environmental hygiene. The recipient of this year’s award is J. Torrey Nalbone, PhD, CIH. Dr. Nalbone is Associate Professor and Chair of the Departments of Civil & Environmental Engineering and Construction Management at the University of Texas at Tyler. Dr. Nalbone became a member of ACGIH in 1986. He began his service as Chair of the Agricultural Safety and Health and Bioaerosols Committees. He became a member of the ACGIH Board of Directors in 2012 and served as Chair in 2014 and 2015. After coming off the Board, Dr. Nalbone continued his service as Chair of the new Communication, Education and Outreach (CEO) Committee and became a member of the Industrial Ventilation Committee. Board-certified since 1993, he served as Chair of the American Board of Industrial Hygiene from 2010–2012. Dr. Nalbone is a member of numerous professional associations. He is a diplomat of the Academy of Industrial Hygiene, an associate member of the American Society of Civil Engineering, a member of the International Society for Exposure Science, an affiliate member of the International Occupational Hygiene Association, member of the Air and Waste Management Association (formerly Air Pollution Control Association), member of AIHA and its Gulf Coast and North Texas Local Sections, and full member of the American Society of Testing Materials. Dr. Nalbone has given many conference presentations, workshops, and training courses, and has authored papers and book chapters on a wide range of occupational and environmental health topics. Over the last eight years, he has been dedicated to education programs and their improvement in IH education and currently serves on the Applied Science Accreditation Commission of ABET and as Vice Chair of Operations. The award will be announced at the ACGIH® Membership Reception and Annual Meeting on Sunday, at the AIHce Opening Session on Monday, and presented at the Mark of Excellence Breakfast on Wednesday.

William Steiger Memorial Award
This award honors individuals from the social/political sphere whose efforts have contributed to advancements in occupational health and safety. This year’s recipient is U.S. Senator Sherrod Brown. Since January 2007, Senator Brown—a champion of middle-class families in the Senate—has held more than 300 community roundtables across Ohio’s 88 counties with students, local leaders and business owners, en-
trepreneurs and educators, workers, and families to find ways to strengthen our economy. In the Senate, Senator Brown has led the fight to support government agencies that promote workplace safety. He has led his colleagues in pushing for full funding for the Occupational Safety and Health Administration (OSHA), and has supported legislation to expand the number of workers OSHA covers and update its enforcement measures. Senator Brown also secured $110 million in federal resources for Cincinnati’s National Institute for Occupational Safety and Health (NIOSH) campus. He repeatedly pressed the Obama Administration to prioritize funding for this important agency, and the resources he secured will help NIOSH, which employs nearly 550 Ohioans, consolidate its Cincinnati research facilities into one central location to improve and enhance scientific collaboration. These are critical investments for workers and workplace safety. Senator Brown is unable to attend, but the award will be announced at the ACGIH® Membership Reception and Annual Meeting on Sunday, at the AIHce Opening Session on Monday, and at the Mark of Excellence Breakfast on Wednesday.

### Herbert E. Stokinger Award

This award is given each year to an individual who has made a significant contribution in the broad field of industrial and environmental toxicology. This year’s recipient is John Cocker, PhD. Dr. Cocker is a Fellow at the U.K. Health & Safety Laboratory. He has 43 years of experience in biological monitoring and more than 100 peer-reviewed publications. In 1973, he began working for the U.K. Employment Medical Advisory Service analyzing blood samples for lead. In 1974, the laboratory became the Occupational Medicine and Hygiene Laboratory, part of the newly formed U.K. Health & Safety Executive. Dr. Cocker was awarded an MSc in General Biochemistry from the University of London in 1976. After a period in the drug metabolism department of a pharmaceutical company, Dr. Cocker returned to the Occupational Medicine and Hygiene Laboratory to research the metabolism and elimination of industrial aromatic amines and was awarded a PhD from the Royal Postgraduate Medical School, University of London in 1988. From then until his partial retirement in 2013, he led a biological monitoring team of 7-9 graduate and postgraduate students developing and applying new biological monitoring methods and conducting volunteer and workplace studies. Dr. Cocker became a member of ACGIH® in 2000 and joined the Biological Exposure Indices (BEI®) Committee. Dr. Cocker was appointed to the European Scientific Committee on Occupational Exposure Limits in 2015. He is also a member of the British Occupational Hygiene Society and is an occasional advisor to the World Health Organization. Dr. Cocker is an assistant editor for the Mediterranean Toxicology and a passionate advocate of biological monitoring. This award will be announced at the ACGIH® Membership Reception and Annual Meeting on Sunday, at the AIHce Opening Session on Monday, and presented at the Stokinger Lecture on Monday and the Mark of Excellence Breakfast on Wednesday.

### John J. Bloomfield Award

This award is presented to a young industrial hygienist who pursues the problem of occupational health hazards primarily by doing fieldwork, and who demonstrates significant contribution to the profession. This year’s recipient is Lucinette Alvarado, MS, CIH. Alvarado earned a Bachelor of Science degree in General Sciences and a Master of Science degree in Industrial Hygiene from the University of Puerto Rico. Alvarado is a board-certified industrial hygienist in comprehensive practice. She currently works as an industrial hygienist in the Product Safety and Regulatory Affairs group at Covestro LLC in Pittsburgh, Pa., conducting industrial hygiene surveys and safe use and handling presentations at customer facilities; interpreting industrial hygiene monitoring results; and making recommendations to customers. Alvarado became a member of ACGIH® in 2014 and is a member of the ACGIH® Industrial Ventilation Committee. She is currently working on a project to provide an industrial ventilation course for the Latin American community. She brings her passion to this project and hopes to help ACGIH® successfully launch this course in Latin America in the coming years. The course will be located in the Southern Hemisphere as a part of ACGIH®’s outreach program. Mrs. Alvarado is also a member of AIHA. As the Director of Communications of AIHA’s Minority Special Interest Group (SIG), Alvarado provides information to Minority SIG members about activities and issues pertaining to the objectives of the Minority SIG. The communications committee publishes and distributes a quarterly newsletter. The award will be announced at the ACGIH® Membership Reception and Annual Meeting on Sunday, at the AIHce Opening Session on Monday, and presented at the Mark of Excellence Breakfast on Wednesday.

### Robert T. Hughes Memorial Award

This award was established in 2015 and recognizes outstanding individuals in the field of industrial ventilation. This year’s Hughes Award recipient is Thomas Godbey. Godbey retired from Donaldson Company, Inc. where he was a Senior Applications Engineer in the Industrial Air Filtration Group and Engineering Consulting Manager. His areas of expertise include fabric filtration, filtration of high temperature air with chemistry, explosion venting, and process integration, including more than 40 years in the dust collection industry. Godbey earned a Bachelor of Science degree in Agricultural Engineering from the University of Kentucky in 1967. He has served on the ACGIH® Industrial Ventilation Committee as a consultant since 2016. Godbey has been affiliated with numerous organizations, including ASHRAE TC 5.4, American Filtration Society, NFPA, Association of Iron and Steel Technology, American Ceramic Society, Portland Cement Association, GEAPS, and the American Foundryman’s Society (former Chair of Clean Air Committee). He has been an instructor for Industrial Ventilation Conferences at Michigan State University, North Carolina State University, UNLV, UAB, and the University of Connecticut for over 40 years. Mr. Godbey has authored articles for numerous professional and trade journals and lectured at many trade events and
conferences. Mr. Godbey is unable to attend, but the award will be announced at the ACGIH® Membership Reception and Annual Meeting on Sunday, at the AIHce Opening Session on Monday, and at the Mark of Excellence Breakfast on Wednesday.

**AIHA Volunteer Groups**

**Lila Albin Award**
Since 1997, the AIHA® Indoor Environmental Quality (IEQ) Committee has evaluated journal articles and would recognize one each year. The paper must: (a) be peer reviewed and published in the *Journal of Occupational and Environmental Hygiene*; (b) provide practical information and expand knowledge base of IEQ professionals; (c) address a critical IEQ issue; and (d) present the topic clearly and engagingly. In 2012, the award was renamed in honor of a former Chair of the IEQ Committee, the late Lila Albin, PhD. This year’s recipient will be Patrick Steinle for “Characterization of Emissions from a Desktop 3D Printer and Indoor Air Measurements in Office Settings” in the Journal of Occupational and Environmental Healthygiene, Volume 13, No. 2, pages 121-132.

**Rachel Carson Award**
The AIHA® Environmental Issues Committee bestows this highest honor to Dr. Michael G. Yost, in recognition of his environmental advocacy in the spirit of Rachel Carson. This award is bestowed upon an environmental health and safety professional who has attained outstanding success and distinction in their environmental and industrial health and safety business, profession, or life’s work.

**Chaffin Award**
The AIHA® Ergonomics Committee presents the Chaffin Award to recognize excellence in the field of ergonomics and encourage conference participation. The award, established in 2008, honors Dr. Donald B. Chaffin’s many contributions to the field of ergonomics and to AIHA. The award will be presented to an individual for his/her Best Ergonomic Technical Presentation at conference this year.

**Rochelle Crew Memorial Award**
This award is given by the AIHA® Construction Committee to honor the memory of Rochelle Crew, a former member of the committee and long-time construction safety PDC instructor. The award is given to the best construction-related presentation at AIHce.

**H. Kenneth Dillon Memorial Award**
This award is present by the AIHA® Biosafety and Environmental Microbiology Committee to honor the memory of Dr. Ken Dillon, a former AIHA Fellow and the principal instructor for several years of the popular PDC “Prevention, Determination, and Remediation of Biological Contamination in Indoor Environments.” The award is given to the best student poster presented at AIHce on biosafety or microbiology. This year’s recipient will be recognized at Wednesday’s Mark of Excellence Breakfast.

**Donna Doganiero Award**
The AIHA® Safety Committee presents this award to the presenter of the Best Safety-Related Technical Session at AIHce. The Safety Committee bestows this award in the name of Donna Doganiero, a truly outstanding individual, to recognize her achievements and vision in continuing to move the field of industrial safety and hygiene forward.

**The Golden Seed Award**
The AIHA® Students and Early Career Professionals Committee established this award in 2007. It is presented to an individual who has demonstrated a commitment to promoting industrial hygiene and/or provided guidance and mentoring to students or early career professionals. This award will be presented at the Mark of Excellence Breakfast to Ralph W. Rogers, CIH.

**Hazard Prevention and Engineering Controls Best Paper**
This award is given out by the AIHA® Hazard Prevention and Engineering Controls Committee to the best paper that focuses on the use of engineering principles for the prevention and control of health hazards. The awardee is selected by a committee of peers from papers published in the *Journal of Occupational and Environmental Hygiene* during the calendar year (January–December 2016) preceding the conference. This year’s recipients are Katelyn C. Jelden, Shawn G. Gibbs, Philip W. Smith, Angela L. Hewlett, Peter C. Iwen, Kendra K. Schmid and John J. Lowe, “Comparison of Hospital Room Surface Disinfection Using a Novel Ultraviolet Germicidal Irradiation (UVGI) Generator”, 13:9, 690-698.

**Margaret Samways Memorial Student Poster Award**
This award honors the memory of Margaret Samways, past chair and long-time member of the AIHA® Communication and Training Methods Committee. The award will be presented on Wednesday at the Mark of Excellence Breakfast with other best student poster recipients.

**David L. Swift Memorial Award**
This award honors the memory of Dr. David L. Swift, professor at the Johns Hopkins University, for his outstanding contributions to aerosol and industrial hygiene research. Aerosol research papers published during the previous year in the *Journal of Occupational and Environmental Hygiene* are reviewed by the AIHA® Aerosol Technology Committee. This year’s award is presented to T. Renee Anthony, Darrah Sleeth, and John Volckens for their paper “Sampling Efficiency of Modified 37-mm Sampling Cassettes Using Computational Fluid Dynamics,” JOEH, 13:2, 148-158.

**Upton Sinclair Memorial Lecture Award**
The Upton Sinclair Memorial Lecture on EHS Investigative Reporting is hosted by the AIHA® Social Concerns Committee. Journalist Howard Berkes from NPR will discuss his exposé “Advanced Black Lung Cases Surge in Appalachia” at AIHce on Tuesday, June 6, from 10:00 – 11:00 a.m.
John M. White Award
The John M. White Award was established by the AIHA® Respiratory Protection Committee to encourage scientific and application-oriented research in respiratory protection. This year’s award goes to Ziqing Zhuang, Michael Bergman, Elizabeth Brochu, Andrew Palmiero, George Niezgoda, Xinjian He, Raymond Roberge and Ronald Shaffer (2016) Temporal changes in filtering-facepiece respirator fit, Journal of Occupational and Environmental Hygiene, 13:4, 265-274.

2016 AIHA® Bestseller
This award is presented to the editor of the publication that sold the most copies during the year. The 2016 Bestseller is presented to Daniel H. Anna, the editor of The Occupational Environment: Its Evaluation, Control, and Management, 3rd edition. In 2016, AIHA® sold 430 copies of this publication. This award will be presented at the Mark of Excellence Breakfast.

2016 Critics’ Choice Award and 2016 Breakout Bestseller Award
The Critics’ Choice Award honors a publication completed in 2016 and is evaluated by members of the AIHA® Publications Committee. The committee selects publications based on their impact on the profession, originality, and quality of writing. This year’s recipient is Ellen C. Gunderson, the editor of The IAQ Investigator’s Guide, 3rd edition. Additionally, The IAQ Investigator’s Guide, 3rd edition, is also the recipient of the 2016 Breakout Bestseller Award. This award is presented to the editor of a publication completed in 2016 that was newly added to the AIHA Bestseller list. These awards will also be presented at the Mark of Excellence Breakfast.

AIHA Local Section Awards
Michigan Industrial Hygiene Society Best Paper Award
The Michigan Industrial Hygiene Society Best Paper Award was established by MIHS in 1957 for recognition of an outstanding publication in the American Industrial Hygiene Association Journal. In 1989, the MIHS Board of Directors voted to also recognize the authors of the best paper in applied industrial hygiene from the Applied Occupational and Environmental Hygiene Journal. Both journals combined in 2004 to form the current Journal of Occupational and Environmental Hygiene (JOEH). MIHS continues to present a Best Paper Award each year. This year’s winners are K.K. Brown, P.B. Shaw, K.R. Mead, R.J. Kovein, R.T. Voorhees, and A.R. Branded for their article “Development of the Chemical Exposure Monitor with Indoor Positioning (CEMWIP) for Workplace VOC Surveys,” JOEH, 13:6, 401-412.

Recognition for Your Great Achievements...

This year, the American Board of Industrial Hygiene® (ABIH®) will recognize the professional accomplishments of two outstanding Certified Industrial Hygienists® by presenting them with the Lynn C. O’Donnell Lifetime Achievement Award, the highest honor given by ABIH for exemplary contributions to the practice of occupational and environmental hygiene culminating over a lifetime of work, and the ABIH Impact Award, given for making a major contribution to the practice of occupational and environmental hygiene.

Please join us for the ABIH Forum on Wednesday, June 6th from 1:00 to 2:00 PM at the AIHce meeting in Seattle, WA where we will celebrate and thank these remarkable professionals, and be sure to visit the ABIH booth at the AIHce Expo.

Request your free consultation
on how to begin your own journey
to success by becoming
a Certified Industrial Hygienist®.

Contact us at (517) 321-2638 or abih@abih.org

As the premier credentialing organization for professions based on the science of protecting and enhancing the health, safety, and environment of people at work and in their communities, ABIH® serves its credentialed practitioners by establishing and administering a valid, reliable, and rigorous credentialing process to protect the public and meet the needs of employers.
Accredited labs. Solid data. Safer world.

New Laboratory Testing Track

The Laboratory Testing Track at AIHce is a selection of professional development courses, education courses and sessions developed for laboratory personnel and persons interested in improving their knowledge of laboratory testing and analysis.

**Monday, June 5**
- **B6: Biological Monitoring Methods**
  - 11:15 AM-12:15 PM
  - Room: 615, 616, 617
- **C4: Sampling, Analytical Methodology and Testing, Part 1**
  - 2:00 PM-3:00 PM
  - Room: 611, 612
- **D4: Sampling, Analytical Methodology and Testing, Part 2**
  - 3:15 PM-4:15 PM
  - Room: 611, 612

**Tuesday, June 6**
- **E15: Operational and Strategic Planning in Laboratories, Part 1**
  - 10:00 AM-11:00 AM
  - Room: 401
- **F10: Lead, Legionella, and Disinfectant By-Products in the Flint Water Crisis**
  - 11:15 AM-12:15 PM
  - Room: Ballroom 6C
- **F15: Operational and Strategic Planning in Laboratories, Part 2**
  - 11:15 AM-12:15 PM
  - Room: 401
- **G9: Current Advances in Sampling Methods**
  - 2:00 PM-3:00 PM
  - Room: Ballroom 6B
- **G15: Operational and Strategic Planning in Laboratories, Part 3**
  - 2:00 PM-3:00 PM
  - Room: 401
- **H15: Operational and Strategic Planning in Laboratories, Part 4**
  - 3:15 PM-4:15 PM
  - Room: 401

**Wednesday, June 7**
- **i3: International Laboratory Standards of Practice**
  - 9:00 AM-10:00 AM
  - Room: 608, 609
- **I13: Measuring Total Petroleum Hydrocarbon (TPH) Exposures**
  - 9:00 AM-10:00 AM
  - Room: 307, 308
- **J6: Allergenic Biomolecules in Workplace and Home Environments**
  - 10:15 AM-11:15 AM
  - Room: 615, 616, 617
- **K10: Nanoparticle and Diffusive Sampling**
  - 1:00 PM-2:00 PM
  - Room: Ballroom 6C

**PDCs require a separate registration and fee. Courses can be a half day, one day, or two days in length.**

**Saturday, June 3**
- **PDC 103: Practical Applications of Useful OEHS Equations**
- **PDC 105: Strengthening EHS Leadership and Teamwork**
- **PDC 107: Exposure Judgment: Improving Inhalation Assessments**
- **PDC 108: Laboratory Hood and Exhaust Ventilation: Ensure You Are Prepared to Help Design, Select, Operate and Manage Different Systems**
- **PDC 109: An IH Introduction to Environmental Rules & Regulations**
- **PDC 110: Noise Exposure Assessment: Sampling Strategy & Data Acquisition**
- **PDC 111: Theory and Application of the 4 Gas/PID Sensor Technology**
- **PDC 205: Redbook Overview: Guidelines for Hazard Evaluation Procedures**
- **PDC 302: Implementing a Water Management Plan to Control Legionella in Building Water Systems**
- **PDC 303: Death To Death By PowerPoint: Highly Effective Training Through Storytelling**
- **PDC 304: Comparative Ethics**
- **PDC 404: Methods and Applications for Chemical Detection in Real Time**
- **PDC 406: 8 Ways to Improve Your Workplace Injury Prevention & Management IQ**
- **PDC 502: Nanotechnology: Old Theories and New Concepts**
- **PDC 601: How to Assess and Manage Nanomaterial Risks**
- **PDC 602: Exposure Monitoring for VOCs, Utilizing Thermal Desorption Tubes, Both Passively and Actively**
- **PDC 603: Scanning for Safety: How to Recognize Hazards**
- **PDC 801: Risk Assessment Boot Camp for IHs: Asbestos, Silica, Metals & Organic Compounds**
- **PDC 805: Practical Application of Whole Air Sampling**
- **PDC 901: Practical Approaches to Troubleshooting Common Ventilation Complaints and Problems**
- **PDC 902: Risk Assessment During An Incident Response**

**Sunday, June 4**
- **PDC 408: Tools for Compliance with the OSHA Silica Standard**
- **PDC 502: Nanotechnology: Old Theories and New Concepts**
- **PDC 601: How to Assess and Manage Nanomaterial Risks**
- **PDC 602: Exposure Monitoring for VOCs, Utilizing Thermal Desorption Tubes, Both Passively and Actively**
- **PDC 603: Scanning for Safety: How to Recognize Hazards**
- **PDC 801: Risk Assessment Boot Camp for IHs: Asbestos, Silica, Metals & Organic Compounds**
- **PDC 805: Practical Application of Whole Air Sampling**
- **PDC 901: Practical Approaches to Troubleshooting Common Ventilation Complaints and Problems**
- **PDC 902: Risk Assessment During An Incident Response**
Friday/Saturday At-a-Glance

As of April 14, 2017

Friday, June 2
3:00 PM – 4:00 PM
• Speaker Ready Room, 604
5:00 PM – 7:00 PM
• Registration, Atrium Lobby

Saturday, June 3
7:00 AM – 7:30 AM
• PDC Monitor Meeting, 604
7:00 AM – 5:30 PM
• Registration, Atrium Lobby
• Speaker Ready Room, 604
8:00 AM – Noon
• PDC 201: Anticipation & Recognition of Non-Ionizing Radiation Hazards in the Workplace, 310
• PDC 202: Ebola & Other Infectious Diseases of Public Health Significance for the IH, 3A

PDC 203: Introduction to the Recognition, Evaluation and Control of Legionella in Building Water Systems, 2B
PDC 204: Climate Change and Occupational Health: A Global Problem with Real Impacts, 308
PDC 205: Redbook Overview: Guidelines for Hazard Evaluation Procedures, 2A

8:00 AM – 5:00 PM
• PDC 101: Electrical Safety I: Basic Principles & Engineering Controls, 211
• PDC 102: Transportation of Dangerous Goods, 214
• PDC 103: Practical Applications of Useful OEHS Equations, 205
• PDC 105: Strengthening EHS Leadership and Teamwork, 303
• PDC 106: Management of Health Hazard Exposures in Construction, 201

PDC 107: Exposure Judgment: Improving Inhalation Assessments, 204
PDC 108: Laboratory Hood and Exhaust Ventilation: Ensure You Are Prepared to Help Design, Select, Operate and Manage Different Systems, 213
PDC 109: An IH Introduction to Environmental Rules & Regulations, 203
PDC 110: Noise Exposure Assessment: Sampling Strategy & Data Acquisition, 212
PDC 111: Theory and Application of the 4 Gas/PID Sensor Technology, 305
PDC 112: The Fundamentals of an Effective Respirator Program, 309
PDC 113: ‘The Worst Plant’ — A Virtual H&S Audit, 307
PDC 701: Exposure Assessment Strategy & Statistics For Managing Occupational Exposures, 3B
PDC 702: Application of Industrial Hygiene in an Emergency Response, 401
PDC 703: OHS Management System Auditor, 304
PDC 704: Registry Preparation: SDS and Label Authoring, 306

8:30 AM – 5:00 PM
• Analytical Accreditation Board (AAB) Meeting (by invitation only), Sheraton Seattle, Redwood A

9:00 AM – 5:00 PM
• IOHA Board Meeting (by invitation only), Sheraton Seattle, Jefferson A&B

Noon - 1:00 PM
• PDC Lunches, Ballroom 6E

1:00 PM – 5:00 PM
• PDC 302: Implementing a Water Management Plan to Control Legionella in Building Water Systems, 2B
• PDC 303: Death To Death By Powerpoint: Highly Effective Training Through Storytelling, 310
• PDC 304: Comparative Ethics, 3A
• PDC 305: Redbook Hazards Analysis Techniques: What-If/Checklist from Guidelines for Hazard Evaluation Procedures, 2A

6:00 PM – 6:30 PM
• OHTA Annual General Meeting (by invitation only), Sheraton Seattle, Jefferson A&B

Events take place at the Washington State Convention Center, unless otherwise noted.
Sunday At-a-Glance

As of April 14, 2017

Sunday, June 4
7:00 AM – 7:30 AM
• PDC Monitor Meeting, 604
7:00 AM – 5:30 PM
• Speaker Ready Room, 604
7:00 AM – 7:00 PM
• Registration, Atrium Lobby
8:00 AM – Noon
• PDC 501: The Ethics of Workplace Violence: Understanding the Problem and Creating Solutions, 213
• PDC 502: Nanotechnology: Old Theories and New Concepts, 204
• PDC 503: Flood Disaster Response and Resiliency, 309
• PDC 504: Prevention through Design (PtD): Actually DO it!, 303
8:00 AM – 4:00 PM
• ACGIH Board of Directors Meeting (by invitation only), Sheraton Seattle, Alki Board Room
8:00 AM – 5:00 PM
• PDC 401: Electrical Safety II: Energized Work Practices/Arc Flash/NFPA 70E, 211
• PDC 402: Welding: Identifying Exposures and Controls, 203
• PDC 403: Advanced Topics in Exposure Control Ventilation, 28
• PDC 404: Methods and Applications for Chemical Detection in Real Time, 214
• PDC 405: Confined Spaces 2017: Utilizing Regulations and Consensus Standards Used to Ensure Safe Entry, 212
• PDC 406: 8 Ways to Improve Your Workplace Injury Prevention & Management IQ, 201
• PDC 407: Tools for Compliance with the OSHA Silica Standard, 310
• PDC 408: Legal Issues & Exposures in Your IH Practice, 34
• PDC 409: Basic Building Blocks of Biosafety, 205
• PDC 412: Ergonomics Assessment Tools and Techniques for the Practitioner, 308
• PDC 413: Noise Control Engineering, 307
• PDC 701: Exposure Assessment Strategy & Statistics For Managing Occupational Exposures, 38
• PDC 702: Application of Industrial Hygiene in an Emergency Response, 401

8:00 AM – 12:00 PM
• PDC Lunches, Ballroom 6E
1:00 PM – 5:00 PM
• PDC 601: How to Assess and Manage Nanomaterial Risks, 204
• PDC 602: Exposure Monitoring for VOCs, Utilizing Thermal Desorption Tubes, Both Passively and Actively, 309
• PDC 603: Scanning for Safety: How to Recognize Hazards, 213
• PDC 604: Information & Causation for Health Risk Assessment, 303
3:00 PM – 5:00 PM
• Oil and Gas Working Group, Sheraton Seattle, Aspen Room
5:00 PM – 6:30 PM
• Ionizing Radiation Committee, Sheraton Seattle, Willow A
5:00 PM – 7:00 PM
• Academic Accreditation Committee, Sheraton Seattle, Diamond
• Biological Monitoring Committee, Sheraton Seattle, Leschi

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The 11th International Occupational Hygiene Association (IOHA)
International Scientific Conference

September 24-26, 2018
Washington, DC, USA | #IOHA2018USA

As of April 14, 2017
**Monday, June 5**

6:30 AM - 7:30 AM
- A1H State of Affairs Volunteer Breakfast (by invitation only), Sheraton Seattle, Grand Ballroom C
- Early Riser Session 1: Optimizing Occupational Health Performance in Contracts, Sheraton Seattle, Cirrus Ballroom
- First Timers’ Orientation Breakfast sponsored by DuPont, Sheraton Seattle, Grand Ballroom A

7:00 AM – 5:30 PM
- Registration, Atrium Lobby

8:00 AM – 9:30 AM
- Opening Session
  - Life in the Form of a Question
  - Ken Jennings
  - Hall 4A

8:00 AM – 4:00 PM
- Speaker Ready Room, 604
- Resume Critiquing, Hub Area 2 - CareerAdvantage Development Fair

9:00 AM – 12:00 PM
- Resume Critiquing, Hub Area 2 - CareerAdvantage Development Fair

9:00 AM – 5:30 PM
- Exhibit Hall Open
- Passport to Prizes, Lounges, Expo Learning Pavilions, Special Displays, Concessions

9:30 AM – 9:55 AM
- How to Deliver a Safety Matters Presentation, Hub Area 1A - AIHA Education
- Yoga Session 1, Hub Area 1B - Health & Wellness

9:35 AM – 10:00 AM
- Kanomax New Handheld Particle Counter for Environmental Testing, Learning Pavilion 1, Exhibit Hall 4EF
- The Impact of Real-Time Data Acquisition on Regulatory Compliance, Learning Pavilion 2, Exhibit Hall 4EF

10:00 AM – 10:25 AM
- Government Relations and You, Hub Area 1A - AIHA Education
- Power and Empowerment: Visualize and Realize Success, Hub Area 1B - Health & Wellness

10:00 AM – 11:00 AM
- 1A: Topics in Safety, 602, 603
- 1A: Can Worker Fatigue Be Predicted Hours in Advance?, 606, 607
- 1A: Consumer Products Exposure, 608, 609
- 1A: IEQ Molds and Mycotoxins: Current Issues, 611, 612
- 1A: Intercultural Communication in the Workforce, 613, 614
- 1A: Acute and Emergency Exposure Limits for Chemical Release Incidents, 615, 616, 617
- 1A: 3D Printing: Impact on the Manufacturing Environment, 618, 619, 620
- 1A: Emerging Issues in Beryllium Regulation, Part 1, Ballroom 6A
- 1A: Advances in Real Time Detection and Sensor Technology, Ballroom 6B
- 1A: Topics in Ergonomics, Ballroom 6C
- 1A: Interesting OSHA Health Cases, Part 1, Ballroom 6E
- 1A: EHS Issues with Taxidermy Specimens, 303
- 1A: IH and Animal Research: Current Issues, 307, 308
- 1A: Q&A with Ken Jennings, 310
- Poster Session 1 (Authors Present), Hall 4B, Hub Area 4 - Posters

10:30 AM – 10:55 AM
- Healthy Eating: Grocery Shopping, Hub Area 1B - Health & Wellness
- Outreach of the Future: Sharing the Profession with the Community at Large, Hub Area 1A - AIHA Education

10:30 AM – Noon
- FOHS Board of Trustees Meeting (by invitation only), Sheraton Seattle, Alki Board Room

10:30 AM – 1:00 PM
- TT-01 Boeing Renton, Convention Place Entrance, 1st Floor

11:15 AM – 12:15 PM
- B1: The Impact of the Updates to TSCA, 602, 603
- B3: Hazardous Chemicals: What Are the Alternatives?, 608, 609
- B4: Heavy Metals, Contaminated Schools, and Risk Characterization, 611, 612
- B5: Integrating the IH with the First Responder, 613, 614
- B6: Biological Monitoring Methods, 615, 616, 617
- B7: Occupational Exposure Outside the USA, 618, 619, 620
- B8: Emerging Issues in Beryllium Regulation, Part 2, Ballroom 6A
- B9: Firefighting Hazards and Dust Masks, Ballroom 6B
- B10: Data Based Approach to Improve Research Safety, Ballroom 6C
- B11: Interesting OSHA Health Cases, Part 2, Ballroom 6E
- B12: Three Talks on Respirators, 303
- B13: Notable Confined Spaces and Issues — Near Fatal or Fatal Outcomes, 307, 308
- B14: Computers Can Actually Make Your EHS Life Easier, 310

Noon – 2:00 PM
- TT-02 Kenworth Renton, Convention Place Entrance, 1st Floor

12:15 PM – 12:40 PM
- FTIR Multigas Measurement Technology Solves Air Quality Issues, Learning Pavilion 1, Exhibit Hall 4EF
- How Smart Companies Build World-Class Ergonomics Processes, Learning Pavilion 2, Exhibit Hall 4EF

12:15 PM – 1:00 PM
- Ken Jennings Book Signing, AIHA Booth (#1211)

12:30 PM – 1:30 PM
- Fall Conference Planning Team Luncheon (by invitation only), Sheraton Seattle, Eagle Board Room
- Student Table Topics, Hub Area 3 - Table Tech Talks

12:50 PM – 1:15 PM
- Artificial Intelligence for Mold and Asbestos, Learning Pavilion 2, Exhibit Hall 4EF
- The Simple and Comprehensive Solution for Compliance with USP <800> Requirements to Assess Hazardous Drug Residues in Pharmacies, Hospitals and Infusion Centers, Learning Pavilion 1, Exhibit Hall 4EF

1:00 PM – 2:00 PM
- Career Portfolio: The New Professional Development Tool, Hub Area 2 - CareerAdvantage Development Fair

1:00 PM – 6:00 PM
- SDS and Label Authoring Registry Competency Assessment, Sheraton Seattle, Diamond A

1:25 PM – 1:50 PM
- How to Deliver Higher Quality Safety Inspections at a Lower Cost with Mobile Devices, Learning Pavilion 2, Exhibit Hall 4EF

2:00 PM – 2:25 PM
- 2-Minute Stress Release Moves, Hub Area 1B - Health & Wellness
• AIHA’s Laboratory Accreditation Program, Hub Area 1A - AIHA Education

2:00 PM – 3:00 PM
• C1: A Variety of Hazards, 602, 603
• C2: Exposures in Coffee Processing Facilities, 606, 607

2:30 PM – 3:55 PM
• C3: EHS Topics in Construction, 608, 609
• C4: Sampling, Analytical Methodology and Testing, Part 1, 611, 612

3:00 PM – 3:25 PM
• C5: Something Smells: Odors and Vapor Intrusion, 613, 614
• C6: Crystalline Silica Exposure Management, 615, 616, 617
• C7: Zika, Pathogens, and Ammonium Hydroxide, 618, 619, 620

3:30 PM – 3:55 PM
• C8: Wildfires: The IH Role, Part 1, Ballroom 6A
• C9: Mock Trial, Part 1: Death in the Desert — OSHA Review Board Decision, Ballroom 6B

4:30 PM – 5:30 PM
• C10: Noise Induced Hearing Loss: The Derek E. Dunn Invited Lecture Series, Ballroom 6C
• C11: Goin’ Hot: Remember the IH Fundamentals, Ballroom 6D

5:45 PM – 6:45 PM
• C12: Herbert E. Stokinger Award Lecture: Biological Monitoring Without Limits, 303
• C13: Workplace Well-being: Bridging Safety and Health, 307, 308
• C14: Radiation Protection Strategies, Part 1, 310

6:30 PM – 8:00 PM
• C15: Workplace Health, 303, 304
• C16: Biological Monitoring Without Limits, 303

6:45 PM – 7:45 PM
• C17: Current Topics in Protective Clothing and Equipment, 615, 616, 617
• C18: The 8th Habit of Highly Effective IH Leaders, 618, 619, 620
• C19: Wildfires: The IH Role, Part 2, Ballroom 6A
• C20: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

7:30 PM – 9:30 PM
• C21: Crystalline Silica Exposure Management, 615, 616, 617
• C22: Exposures to Highly Hazardous Drugs, Ballroom 6C

8:00 PM – 9:00 PM
• C23: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D

9:00 PM – 10:00 PM
• C24: Wildfires: The IH Role, Part 2, Ballroom 6A
• C25: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

10:00 PM – 11:00 PM
• C26: Crystalline Silica Exposure Management, 615, 616, 617
• C27: Exposures to Highly Hazardous Drugs, Ballroom 6C

11:00 PM – 12:00 AM
• C28: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C29: Wildfires: The IH Role, Part 2, Ballroom 6A
• C30: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

12:00 AM – 1:00 AM
• C31: Crystalline Silica Exposure Management, 615, 616, 617
• C32: Exposures to Highly Hazardous Drugs, Ballroom 6C

1:00 AM – 2:00 AM
• C33: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C34: Wildfires: The IH Role, Part 2, Ballroom 6A
• C35: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

2:00 AM – 3:00 AM
• C36: Crystalline Silica Exposure Management, 615, 616, 617
• C37: Exposures to Highly Hazardous Drugs, Ballroom 6C

3:00 AM – 4:00 AM
• C38: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C39: Wildfires: The IH Role, Part 2, Ballroom 6A
• C40: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

4:00 AM – 5:00 AM
• C41: Crystalline Silica Exposure Management, 615, 616, 617
• C42: Exposures to Highly Hazardous Drugs, Ballroom 6C

5:00 AM – 6:00 AM
• C43: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C44: Wildfires: The IH Role, Part 2, Ballroom 6A
• C45: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

6:00 AM – 7:00 AM
• C46: Crystalline Silica Exposure Management, 615, 616, 617
• C47: Exposures to Highly Hazardous Drugs, Ballroom 6C

7:00 AM – 8:00 AM
• C48: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C49: Wildfires: The IH Role, Part 2, Ballroom 6A
• C50: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

8:00 AM – 9:00 AM
• C51: Crystalline Silica Exposure Management, 615, 616, 617
• C52: Exposures to Highly Hazardous Drugs, Ballroom 6C

9:00 AM – 10:00 AM
• C53: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C54: Wildfires: The IH Role, Part 2, Ballroom 6A
• C55: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

10:00 AM – 11:00 AM
• C56: Crystalline Silica Exposure Management, 615, 616, 617
• C57: Exposures to Highly Hazardous Drugs, Ballroom 6C

11:00 AM – 12:00 PM
• C58: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C59: Wildfires: The IH Role, Part 2, Ballroom 6A
• C60: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

12:00 PM – 1:00 PM
• C61: Crystalline Silica Exposure Management, 615, 616, 617
• C62: Exposures to Highly Hazardous Drugs, Ballroom 6C

1:00 PM – 2:00 PM
• C63: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C64: Wildfires: The IH Role, Part 2, Ballroom 6A
• C65: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

2:00 PM – 3:00 PM
• C66: Crystalline Silica Exposure Management, 615, 616, 617
• C67: Exposures to Highly Hazardous Drugs, Ballroom 6C

3:00 PM – 4:00 PM
• C68: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C69: Wildfires: The IH Role, Part 2, Ballroom 6A
• C70: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

4:00 PM – 5:00 PM
• C71: Crystalline Silica Exposure Management, 615, 616, 617
• C72: Exposures to Highly Hazardous Drugs, Ballroom 6C

5:00 PM – 6:00 PM
• C73: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C74: Wildfires: The IH Role, Part 2, Ballroom 6A
• C75: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

6:00 PM – 7:00 PM
• C76: Crystalline Silica Exposure Management, 615, 616, 617
• C77: Exposures to Highly Hazardous Drugs, Ballroom 6C

7:00 PM – 8:00 PM
• C78: The 8th Habit of Highly Effective IH Leaders, Ballroom 6D
• C79: Wildfires: The IH Role, Part 2, Ballroom 6A
• C80: Mock Trial, Part 2: Appeal of OSHA Review Board Decision, Ballroom 6B

8:00 PM – 9:00 PM
• C81: Crystalline Silica Exposure Management, 615, 616, 617
• C82: Exposures to Highly Hazardous Drugs, Ballroom 6C
Monday, June 5

Education Sessions

Full session descriptions may be found in the mobile app.

Opening General Session

Life in the Form of a Question

8:00 AM - 9:30 AM  
Hall 4A

Presenter: Ken Jennings, Seattle, WA.

Kicking off the AIHce EXPerience is keynote speaker Ken Jennings, best known for his six-month winning streak on Jeopardy! He speaks tirelessly about the importance of learning and has co-invented two popular trivia games. The author of three books, covering topics from trivia in pop culture to geography, Ken’s keynote session promises to be one full of anecdotes as well as vital information on the increasing value of day-to-day learning and education.

Q&A with Ken Jennings

10:00 AM - 11:00 AM  
310

Moderator: Stephanie Carter, Veritox, Inc., Redmond, WA.

Presenter: Ken Jennings, Seattle, WA.

Early Riser Session 1

Optimizing Occupational Health Performance in Contracts

6:30 AM - 7:30 AM  
Sheraton Seattle Hotel, Cirrus Ballroom

Presenter: Joy Erdman, U.S. Navy, Washington, DC.

The HUB, Hall 4B

Resume Critiquing

9:00 AM - 12:00 PM  
Hub Area 2 - CareerAdvantage Development Fair

How to Deliver a Safety Matters Presentation

9:30 AM - 9:55 AM  
Hub Area 1A - AIHA Education

Presenter: Catherine Hovde, Caterpillar, Inc., Peoria, IL.

Yoga Session 1

9:30 AM - 9:55 AM  
Hub Area 1B - Health & Wellness

Presenter: Alex Tran, Washington Athletic Club, Seattle, WA.

Government Relations and You

10:00 AM - 10:25 AM  
Hub Area 1A - AIHA Education

Presenter: Mark Ames, AIHA, Falls Church, VA.

Power and Empowerment: Visualize and Realize Success

10:00 AM - 10:25 AM  
Hub Area 1B - Health & Wellness

Presenter: Heather Adams, Washington Athletic Club, Seattle, WA.

A1

Topics in Safety

10:00 AM - 11:00 AM  
602, 603

Moderator: Kathie Lavaty, Terracon Consultants Inc., Mountlake Terrace, WA.

10:00 AM - 10:20 AM  
Oregon Fatality Assessment and Control Evaluation (OR-FACE)

Moderator: Barbara Epstien, Oregon Fatality Assessment and Control Evaluation Program, Hillsboro, OR.

10:20 AM - 10:40 AM  
Workplace Electrical Fatalities (2014-2016)

Moderator: Gavin Burdge, Freelance Safety and Hygiene, Lemoine, PA.

10:40 AM - 11:00 AM  
Vocational College Instructors Teaching Health and Safety

Moderator: Anca Bejan, Health Partners Institute, Minneapolis, MN.

A2

Can Worker Fatigue Be Predicted Hours in Advance?

10:00 AM - 11:00 AM  
606, 607


Events take place at the Washington State Convention Center, unless otherwise noted.
The presentation will also cover ChemoAlert™ kit contents, sample collection and submission, and options for analysis up to 14 of the most common hazardous drug residuals in pharmacies, hospitals, and infusion centers. The Dana-Farber Cancer Institute following three events and over 500 wipe samples. The presentation will also cover ChemoAlert™ kit contents, sample collection and submission, and options for analysis of up to 14 of the most common hazardous drugs from a single swab. Interpretation of results will also be discussed.

**Expo Learning Pavilion 1**
9:35 AM - 10:00 AM

**Kanomax New Handheld Particle Counter for Environmental Testing**

**Kanomax USA**
Kanomax is launching a new handheld particle counter for environmental testing professionals. The new handheld instrument was developed to maximize user experience with its lightweight design and easy-to-use user graphic interface. This cleanroom grade particle counter outputs precise measurements, and data management is easier than ever due to innovative communication interfaces.

12:15 PM - 12:40 PM

**FTIR Multigas Measurement Technology Solves Air Quality Issues**

**Gasmet Technologies**
The Model DX4040 portable FTIR gas analyzer identifies unknown gases within minutes of arriving at site by searching the NIST/EPA reference library of over 5,000 gases. Measuring 25 gases simultaneously at sub-ppm levels, the DX4040 is also a very cost-effective solution for performing workplace exposure assessments.

12:50 PM - 1:15 PM

**The Simple and Comprehensive Solution for Compliance with USP <800> Requirements to Assess Hazardous Drug Residuals in Pharmacies, Hospitals, and Infusion Centers**

**Maxxam Analytics (a Bureau Veritas Company)**
Maxxam’s ChemoAlert™ surface contamination kit is a comprehensive solution to address USP <800> compliance to assess hazardous drug residuals in pharmacies, hospitals, and infusion centers. The Dana-Farber Cancer Institute leveraged Maxxam’s ChemoAlert™ kit to assess chemical contamination from chemotherapeutic drugs over a one-year period. Hear key findings and outcomes from the Dana-Farber Cancer Institute following three events and over 500 wipe samples. The presentation will also cover ChemoAlert™ kit contents, sample collection and submission, and options for analysis of up to 14 of the most common hazardous drugs from a single swab. Interpretation of results will also be discussed.

1:25 PM - 1:50 PM

**The Next IH Technology Evolution is NOW!**

**SGS Galson**
SGS Galson will release multiple technology solutions integrated into their service model. Includes complete web-based client interfaces, from ordering to chain of custody, reporting to invoice and real-time web-based monitors with analytical sampling capability. We offer patented directional air sampling capability and more. You don’t want to miss this!

**Expo Learning Pavilion 2**
9:35 AM - 10:00 AM

**The Impact of Real-Time Data Acquisition on Regulatory Compliance**

**Sper Scientific**
Regulators are demanding the collection and reporting of data be more transparent. New developments in sensor and communications technologies allow for real-time data acquisition to meet these new requirements. Learn how you can leverage technology to mitigate risks, develop baseline measurements, utilize trend analysis, and employ situational awareness to adhere to regulatory compliance.

12:15 PM - 12:40 PM

**How Smart Companies Build World-Class Ergonomics Processes**

**Humantech**
Humantech’s software as a service (SaaS) applications, The Humantech System® and Ergopoint®, are used by some of the world’s largest companies to manage workplace ergonomics. They are built on three key components:

1. LEARN: Users build knowledge quickly with interactive online training modules.
2. DO: Assessment tools enable users to identify and fix problem jobs.
3. MANAGE: Process owners can monitor the progress and activities of their team.

With nearly 40 years of experience helping clients achieve world-class ergonomics processes, Humantech’s team of board-certified ergonomists know what works and what doesn’t. Together with Humantech’s technology team, they developed The Humantech System and Ergopoint to help companies do ergonomics right.

12:50 PM - 1:15 PM

**Artificial intelligence for Mold and Asbestos**

**xRapid Environment**
xRapid Environment has developed an artificial intelligence app capable of reading an asbestos air sample slide in less than 100 seconds through a fully automated microscope with complete traceability of all tests. During this presentation, we will demonstrate how the app works—in conjunction with our patented, cost effective, fully automated microscope—to rapidly read air sample slides and create a report that analyzes the sample and produces views of all fields. We will also present a preliminary demo of our mold app, due to launch in the fall.

1:25 PM - 1:50 PM

**How to Deliver Higher Quality Safety Inspections at a Lower Cost with Mobile Devices**

**Pulpstream**
Join Pulpstream CEO Pankaj Malviya as he demonstrates how digitized safety inspections reduced operating costs and created safer work environments for a nationwide construction company. Learn how a platform technology can enable you to seamlessly manage all workflows in your health and safety programs. Malviya will highlight key features in the Pulpstream platform that help program managers and supervisors deliver operational efficiencies that create greater transparency, accountability, and ultimately safer environments for workers throughout the U.S.
### A3
**Consumer Products Exposure**

**10:00 AM - 11:00 AM**  
608, 609

**Moderator:** David Dodge, Gradient, Bend, OR.

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter/Location</th>
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<tbody>
<tr>
<td>10:00 AM - 10:20 AM</td>
<td><strong>Hair Salon Dust</strong></td>
<td>Greg Siwinski, SUNY/Occupational Health Clinical Center, Syracuse, NY.</td>
</tr>
<tr>
<td>10:20 AM - 11:00 AM</td>
<td><strong>BTEX Exposures from Operation of Gasoline Powered Lawn Mowers and Weed Trimmers</strong></td>
<td>Heather Avens, Cardno ChemRisk, Boulder, CO.</td>
</tr>
<tr>
<td>10:00 AM - 11:00 AM</td>
<td><strong>Acetic Acid Evaporation Rate from a Floor Cleaning Product</strong></td>
<td>Susan Arnold, University of Minnesota, Minneapolis, MN.</td>
</tr>
</tbody>
</table>

### A4
**IEQ Molds and Mycotoxins: Current Issues**

**10:00 AM - 11:00 AM**  
611, 612

**Moderator:** Jerry McCaslin, SeaCast, Inc., Marysville, WA.  
**Presenters:** Coreen Robbins, Clara Chan, Veritox, Inc., Redmond, WA; Michael Holland, SUNY Upstate Medical University, Syracuse, NY.

### A5
**Intercultural Communication in the Workforce**

**10:00 AM - 11:00 AM**  
613, 614

**Moderator:** Diane Herrera, Employers Insurance, Austin, TX.  
**Presenters:** Kerry-Ann Jaggassar, Ramboll Environ, Atlanta, GA; Teresa Andrews, University of California at Davis, Davis, CA; Troy Rawlins, Eastern Kentucky University, Richmond, KY.

### A6
**Acute and Emergency Exposure Limits for Chemical Release Incidents**

**10:00 AM - 11:00 AM**  
615, 616, 617

**Moderator:** Val Garner, SWS Environmental Services, Panama City Beach, FL.  
**Presenters:** Scott Dotson, NIOSH, Cincinnati, OH; Andrew Maier, University of Cincinnati, Cincinnati, OH.

### A7
**3D Printing: Impact on the Manufacturing Environment**

**10:00 AM - 11:00 AM**  
618, 619, 620

**Moderator:** Jun Wang, University of Oklahoma, Oklahoma City, OK.  
**Presenters:** William Cyrs, Cardno ChemRisk, San Francisco, CA; Srinivas Durgam, GE Global Research, Niskayuna, NY; Charles Geraci, CDC/NIOSH, Cincinnati, OH.

### A8
**Emerging Issues in Beryllium Regulation, Part 1**

**10:00 AM - 11:00 AM**  
Ballroom 6A

**Moderator & Presenter:** Michael Brisson, Savannah River National Laboratory, Aiken, SC.  
**Presenters:** Lisa Barker, National Jewish Health, Denver, CO; Marc Kolanz, Materion Inc., Mayfield Heights, OH; Bill McArthur, U.S. Department of Energy, Germantown, MD; Maureen Ruskin, U.S. Department of Labor/OSHA, Washington, DC; Scott Seydel, CH2M, Inc., Corvallis, OR.

### A9
**Advances in Real Time Detection and Sensor Technology**

**10:00 AM - 11:00 AM**  
Ballroom 6B

**Moderator:** Jodi Quam, 3M, St. Paul, MN.

<table>
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<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter/Location</th>
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<tbody>
<tr>
<td>10:00 AM - 10:20 AM</td>
<td><strong>Carbon Dioxide Exposure Evaluation in Craft Breweries</strong></td>
<td>David Huizen, Grand Valley State University, Grand Rapids, MI.</td>
</tr>
<tr>
<td>10:20 AM - 10:40 AM</td>
<td><strong>Sensor Triggered Instantaneous Whole Air Sampling</strong></td>
<td>Philip Smith, U.S. Department of Labor/OSHA, Sandy, UT.</td>
</tr>
<tr>
<td>10:40 AM - 11:00 AM</td>
<td><strong>Hydrogen Interference with CO Sensors</strong></td>
<td>Michael Strange, ESIS, San Francisco, CA.</td>
</tr>
</tbody>
</table>

### A10
**Topics in Ergonomics**

**10:00 AM - 11:00 AM**  
Ballroom 6C

**Moderator:** Valerie Perez, University of Pennsylvania, Philadelphia, PA.

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter/Location</th>
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<tbody>
<tr>
<td>10:00 AM - 10:20 AM</td>
<td><strong>Ergonomic Assessments with a Smartphone</strong></td>
<td>Mark Rollins, A-EHS, Brooklyn, CT.</td>
</tr>
</tbody>
</table>

### A11
**Interesting OSHA Health Cases, Part 1**

**10:00 AM - 11:00 AM**  
Ballroom 6E

**Moderator:** Maureen O’Donnell, OSHA, Washington, DC.  
**Presenters:** Crystal Joshua, OSHA, Hartford, CT; Randy Caldarelli, OSHA, Allentown, PA; Monica McKenzie, OSHA, Atlanta, GA.

### A12
**EHS Issues with Taxidermy Specimens**

**10:00 AM - 11:00 AM**  
303

**Presenter:** Jeffrey Sotek, Amec Foster Wheeler, Clifton Park, NY.

### A13
**IH and Animal Research: Current Issues**

**10:00 AM - 11:00 AM**  
307, 308

**Moderator:** Paul Tranchell, Primus Solutions, Greenport, NY.  
**Presenter:** James Stubbs, University of Utah, Salt Lake City, UT.

### A14
**Q&A with Ken Jennings**

**10:00 AM - 11:00 AM**  
310

**Moderator:** Stephanie Carter, Veritox, Inc., Redmond, WA.  
**Presenter:** Ken Jennings, Seattle, WA.

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**12:15 PM - 1:00 PM**

Be sure to stop by the AIHA Booth (#1211) and have your book signed.
Poster Session 1
Author Attend Time
10:00 AM - 11:00 AM The HUB, Hall 4B
Topic: Hazard Recognition and Evaluation
See page 52 for posters on this topic. For a full list of co-authors and detailed abstracts, see AIHce 2017 Website.

The HUB, Hall 4B
Healthy Eating: Grocery shopping
10:30 AM - 10:55 AM Hub Area 1B - Health & Wellness
Presenter: Eric Chen, Washington Athletic Club, Seattle, WA.

Outreach of the Future: Sharing the Profession with the Community at Large
10:30AM - 10:55AM Hub Area 1A - AIHA Education
Presenter: Susan Marchese, AIHA, Falls Church, VA.

B1
The Impact of the Updates to TSCA
11:15 AM - 12:15 PM 602, 603
Moderator: Penney Stanch, NASA, Houston, TX. Presenter: Neil Feldscher, New York City Department of Environmental Protection, Corona, NY.

B2
GHS/HazCom: Where Employers Are Out of Compliance
11:15 AM - 12:15 PM 606, 607
Moderator & Presenter: Chuck Haling, VelocityEHS, Chicago, IL.

B3
Hazardous Chemicals: What Are the Alternatives?
11:15 AM - 12:15 PM 608, 609
Presenter: Wes Scott, National Safety Council, Itasca, IL.

B4
Heavy Metals, Contaminated Schools, and Risk Characterization
11:15 AM - 12:15 PM 611, 612
Moderator: Emily Goswami, Exponent, Inc., Oakland, CA.
11:15 AM - 11:35 AM Exposure to Heavy Metals: Avoiding Panic and Chaos
Bill Beadie, Maui Foster & Alongi, Inc., Portland, OR.
11:35 AM - 11:55 AM Soil Contamination Impacting an Occupied School
John Lewis, ECOH Management Inc, Mississauga, ON, Canada.
11:55 AM - 12:15 PM Environmental Assessments: Visual Assessment Method
Ryan Allenbrand, Children’s Mercy Hospital, Kansas City, MO.

B5
Integrating the IH with the First Responder
11:15 AM - 12:15 PM 613, 614
Moderator: Bob DeHart, Retired, Boone, NC. Presenters: Charles Cordova, Chris Lombard, Seattle Fire Department, Seattle, WA; Ryan Nash, Seattle Fire Hazardous Materials Response Team, Seattle, WA.

B6
Biological Monitoring Methods
11:15 AM - 12:15 PM 615, 616, 617
Moderator: John Snawder, NIOSH, Cincinnati, OH. Presenters: Shane Que Hee, University of California at Los Angeles, Los Angeles, CA; Lathan Ball, Chemitrace Limited, United Kingdom; Lee Blum, NMS Labs Inc, Willow Grove, PA.

B7
Occupational Exposure Outside the USA
11:15 AM - 12:15 PM 618, 619, 620
Moderator: Kate Bradford, State Department, Washington, DC.
11:15 AM - 11:35 AM Brick Kilns of Nepal: Recognizing the Hazards
Seshananda Sanjel, Kathmandu University, Nepal.
11:35 AM - 11:55 AM Predicting Silica Exposures from Noise Exposure Levels
Stephanie Sayler, University of Michigan, Ann Arbor, MI.

B8
Emerging Issues in Beryllium Regulation, Part 2
11:15 AM - 12:15 PM Ballroom 6A

B9
Firefighting Hazards and Dust Masks
11:15 AM - 12:15 PM Ballroom 6B
Moderator: Torey Nalbone, University of Texas at Tyler, Tyler, TX.
11:15 AM - 11:35 AM Smoke and Acute Lung Function Decline in Wildland Firefighters
Ilias Kavouras, University of Alabama at Birmingham, Birmingham, AL.
11:35 AM - 11:55 AM Diesel Exhaust Re-Entrainment at Fire Stations
Gerry Croteau, University of Washington, Seattle, WA.
11:55 AM - 12:15 PM Dust Masks Marketed for Nonoccupational Uses
Patrick O’Shaughnessy, The University of Iowa, Iowa City, IA.

B10
Data Based Approach to Improve Research Safety
11:15 AM - 12:15 PM Ballroom 6C
Moderator: Carl Heinlein, ACIG, Cranberry Township, PA. Presenter: Imke Schroeder, University of California at Los Angeles, Los Angeles, CA.

B11
Interesting OSHA Health Cases, Part 2
11:15 AM - 12:15 PM Ballroom 6E
Moderator: Maureen O’Donnell, OSHA, Washington, DC. Presenters: Narcis Mahdiyar, OSHA, Atlanta, GA; Joseph Dartt, OSHA, St. Louis, MO; Enjonli Hutchison, OSHA, San Antonio, TX.

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B12
Three Talks on Respirators
11:15 AM - 12:15 PM 303
Moderator: Diane Herrera, Employers Insurance, Austin, TX.
11:15 AM - 11:35 AM
A Performance Evaluation Method for
Loose-Fitting PAPRs
Michael Bergman, NIOSH, Pittsburgh, PA.
11:35 AM - 11:55 AM
Protection Factor Study of Loose-Fitting
PAPRs
Ziqing Zhuang, NIOSH, Pittsburgh, PA.
11:55 AM - 12:15 PM
Cartridge Service Life against Hydrogen Peroxide
Erik Johnson, 3M, St. Paul, MN.

B13
Notable Confined Spaces and
Issues: Near Fatal or Fatal Outcomes
11:15 AM - 12:15 PM 307, 308
Moderator: Warren Brown, Retired, Fairborn, OH. Presenters: Terry Krug, Bartlett, IL; Bonnie Lockhart, Ameren Corporation, St. Louis, MO.

B14
Computers Can Actually Make
Your EHS Life Easier
11:15 AM - 12:15 PM 310
Moderator: Ying Zhen, Belzona, Inc., Miami Lakes, FL. Presenters: Mark Rollins, A-EHS, Brooklyn, CT; Michael Groh, GE Appliances, a Haier company, Louisville, KY; Ronald Petti, Verdant Web Technologies, Inc, Bend, OR.

The HUB
Student Table Topics
12:30 PM - 1:30 PM
Hub Area 3 - Table Tech Talks
Career Portfolio: The New Professional Development Tool
1:00 PM - 2:00 PM
Hub Area 2 - CareerAdvantage Development Fair
Presenter: Isabel Zuclich, PPG Industries, Valencia, CA.
2-Minute Stress Release Moves
2:00 PM - 2:25 PM
Hub Area 1B - Health & Wellness
Presenter: Paul Flanagan, Washington Athletic Club, Seattle, WA.
AIHA’s Laboratory Accreditation Program
2:00 PM - 2:25 PM
Hub Area 1A - AIHA Education
Presenter: Cheryl Morton, AIHA Laboratory Accreditation Programs, LLC, Falls Church, VA.

C1
A Variety of Hazards
2:00 PM - 3:00 PM 602, 603
Moderator: Kathie Lavaty, Terracon Consultants Inc, Mountlake Terrace, WA.
2:00 PM - 2:20 PM
Metals in Costume Cosmetics
Shannon Gaffney, Cardno ChemRisk, San Francisco, CA.
2:20 PM - 2:40 PM
Lead Exposures at a Scrap Recycling Facility
Jeff Burton, IVE Inc, Salt Lake City, UT.
2:40 PM - 3:00 PM
Electronic Recycling Industry: Occupational Health
Diana Ceballos, Harvard, Cambridge, MA.

C2
Exposures in Coffee Processing Facilities
2:00 PM - 3:00 PM 606, 607
Moderator: David Dodge, Gradient, Bend, OR. Presenters: Brie Hawley, NIOSH, Morgantown, WV; Alyson Johnson, Ryan Lebouf, NIOSH, Respiratory Health Division, Morgantown, WV.

C3
EHS Topics in Construction
2:00 PM - 3:00 PM 608, 609
Moderator: Matthew Soltis, Evoqua Water Technologies, LLC, Warrendale, PA.
2:00 PM - 2:20 PM
Integrating EHS into a Project Life Cycle
Jeff Behar, Jet Propulsion Laboratory, Granada Hills, CA.
2:20 PM - 2:40 PM
Ergonomics and a Wellness Total Worker Health®
Michael Grant, NIOSH, Cincinnati, OH.
2:40 PM - 3:00 PM
H&S during Disaster Restoration Methods
Daniel Chute, Atrium EH&S Services, LLC, Reston, VA.

C4
Sampling, Analytical Methodology and Testing, Part 1
2:00 PM - 3:00 PM 611, 612
Moderator: Hugh Yao, Bristol-Myers Squibb Company, New Brunswick, NJ. Presenters: Charles Manning, Assay Technology, Livermore, CA; Linda Coyne, SKC, Eighty Four, PA; Gary Oishi, MilliporeSigma, Bellefonte, PA.

C5
Something Smells: Odors and Vapor Intrusion
2:00 PM - 3:00 PM 613, 614
Moderator: Jerry McCaslin, SeaCast, Inc., Marysville, WA.
2:00 PM - 2:20 PM
A Persistent Chemical Odor in an Office
Mark Karaffa, POWER Engineers, Inc., Cincinnati, OH.
2:20 PM - 2:40 PM
Vapor Intrusion at an Elementary School
Megan Canright, Forensic Analytical Consulting Services, Inc., San Diego, CA.
2:40 PM - 3:00 PM
Persistent Malodor at an Automotive Plant
John Kominsky, Environmental Quality Management, Inc., Cincinnati, OH.

Pathway Passport
Have your Pathway Passport stamped by participating exhibitors, and drop your completed entry in the box in the AIHA Booth (Booth 1211), by noon on Wednesday, June 7. Winning names will be drawn at 12:30 PM. The Grand Prize is a round trip and registration for AIHce 2018 in Philadelphia, PA. Second Prize is $1,000.
MONDAY, JUNE 5  Education Sessions

C6  Crystalline Silica Exposure Management  
2:00 PM - 3:00 PM  615, 616, 617  
**Moderator:** Angela Dartt, Golder Associates, St. Charles, MO.  
**Presenters:** Tim Stauder, Bureau Veritas North America, Inc., Lisle, IL; David Dahlstrom, Bureau Veritas North America, Kennesaw, GA; Robert Lieckfield, Bureau Veritas North America, Inc., Novi, MI.

C7  Zika, Pathogens, and Ammonium Hydroxide  
2:00 PM - 3:00 PM  618, 619, 620  
**Moderator:** Paul Tranchell, Primus Solutions, Greenport, NY.

2:00 PM - 2:20 PM  
Protecting U.S. Workers from the Zika Virus  
Kerton Victory, CDC/NIOSH, Atlanta, GA.

2:20 PM - 2:40 PM  
The NIEHS Pathogen Safety Data Guide & Training Module  
Jonathan Rosen, National Clearinghouse for Worker Safety & Health Training, Schenectady, NY.

2:40 PM - 3:00 PM  
Ventilation Study of the NH₄OH Room  
John Ratliff, Retired, Beaverton, OR.

C8  Wildfires: The IH Role, Part 1  
2:00 PM - 3:00 PM  Ballroom 6A  
**Moderator:** Bianca Malouf, Dominion Diamond Corporation, Yellowknife, NT, Canada.  
**Presenters:** Marshall Denhoff, ConocoPhillips Canada, Calgary, AB, Canada; Michelle Kutz, Government of Alberta, Ministry of Labour, Red Deer, AB, Canada; Shamini Samuel, Suncor Energy Ltd., Calgary, AB, Canada.

C9  Mock Trial, Part 1: Death in the Desert: OSHA Review Board Case  
2:00 PM - 3:00 PM  Ballroom 6B  
**Moderator:** Glynnis Bowman, University of Maryland, College Park, MD.  
**Presenters:** William Collier, University of California at Merced, Merced, CA; Margaret Norman, DNA Industrial Hygiene, Manhattan Beach, CA.

C10  Noise Induced Hearing Loss: The Derek E. Dunn Invited Lecture Series  
2:00 PM - 3:00 PM  Ballroom 6C  
**Presenter:** Alice Suter, Suter & Associates, Portland, OR.

C11  Goin’ Hot: Remember the IH Fundamentals  
2:00 PM - 3:00 PM  Ballroom 6E  
**Moderator:** Lindsey Knten, U.S. Army Public Health Center, Bel Air, MD.  
**Presenters:** Alice Weber, Craig Gehrels, Army Public Health Center, Aberdeen Proving Ground, MD.

C12  Herbert E. Stokinger Award Lecture: Biological Monitoring Without Limits  
2:00 PM - 3:00 PM  303  
**Presenter:** John Cocker, UK Health & Safety Laboratory, United Kingdom.

C13  Workplace Well-being: Bridging Safety and Health  
2:00 PM - 3:00 PM  307, 308  
**Moderator:** Teniope Adewumi, University of California at Los Angeles, Los Angeles, CA.  
**Presenters:** Joy Inouye, John Dony, Campbell Institute - National Safety Council, Itasca, IL.

C14  Radiation Protection Strategies, Part 1  
2:00 PM - 3:00 PM  310  
**Presenters:** James Lewis, Maryland Department of the Environment, Westminster, MD; Amber Illies, Vista Outdoor, Anoka, MN; Raymond Johnson, Radiation Safety Counseling Institute, Rockville, MD.

The HUB, Hall 4B  
Let’s Get Hired!  
2:15 PM - 3:15 PM  
Hub Area 2 - CareerAdvantage Development Fair  
**Presenter:** William Nichols, Applied Materials, Austin, TX.

#IAmIH  
2:30 PM - 2:55 PM  
Hub Area 1A - AIHA Education  
**Presenter:** Eric Chen, Washington Athletic Club, Seattle, WA.

Healthy Eating: Eating Out  
2:30 PM - 2:55 PM  
Hub Area 1B - Health & Wellness  
**Presenter:** Heather Adams, Washington Athletic Club, Seattle, WA.

Confined Spaces: Demonstration by the Seattle Fire Department  
3:00 PM - 3:55 PM  
Hub Area 1A - AIHA Education

D1  IH and Safety in Ukraine: Focus on Collaboration  
3:15 PM - 4:15 PM  602, 603  
**Moderator:** Eric Rasmuson, Chemistry & Industrial Hygiene, Inc., Wheat Ridge, CO.  
**Presenters:** Andrey Korchevskiy, Chemistry & Industrial Hygiene, Inc., Wheat Ridge, CO; Mykola Kashuba, Mykhaylo Korda, Ternopil State Medical University, Ukraine.

D2  Selling Safety to the Front Line Employee  
3:15 PM - 4:15 PM  606, 607  
**Moderator:** Carl Heinlein, ACIG, Cranberry Township, PA.  
**Presenter:** Patrick Karol, Pat Karol Safety Speaks LLC, Romansville, PA.
Education Sessions  MONDAY, JUNE 5

D3
Naturally Occurring Asbestos (NOA)
3:15 PM - 4:15 PM  608, 609
**Moderator:** Frederick Boelter, RHP Risk Management Inc., Boise, ID. **Presenters:** Dan Hernandez, Dragados USA, Flatiron, Sukut Joint Venture, San Jose, CA; Bryan Bandli, RJ Lee Group, Monroeville, PA; Bradley Erskine, Kleinfelder, Benicia, CA.

D4
Sampling, Analytical Methodology and Testing, Part 2
3:15 PM - 4:15 PM  611, 612
**Moderator:** Teniope Adewumi, University of California at Los Angeles, Los Angeles, CA. **Presenters:** Donna Bartlett, PPG, Monroe, PA. **Presenters:** Michael Jager, Wisconsin Occupational Health Laboratory, Madison, WI; Ronnee Andrews, CDC/NIOSH, Cincinnati, OH; Kyle Kaelin, SGS Galson, East Syracuse, NY.

D5
The Evolving Role of Sensors to Protect Worker Health
3:15 PM - 4:15 PM  613, 614
**Moderator:** Teniope Adewumi, University of California at Los Angeles, Los Angeles, CA. **Presenters:** Donna Heidel, Bureau Veritas North America, Fuquay Varina, NC; Spencer Pizzani, Bureau Veritas North America, Edison, NJ; Philip Smith, U.S. Department of Labor/OSHA, Sandy, UT.

D6
Current Topics in Protective Clothing and Equipment
3:15 PM - 4:15 PM  615, 616, 617
**Moderator:** Rhiannon Filip, Golder Associates Ltd., Mississauga, ON, Canada.
3:15 PM - 3:35 PM
Increase HPD Attenuation
Timothy Ryan, Ohio University, Athens, OH.
3:35 PM - 3:55 PM
Solvent Permeation of Disposable Nitrile Gloves
Brittany Brown, University of Houston, Houston, TX.
3:55 PM - 4:15 PM
Respirator Use and Facial Hair: Balancing H&S with Human Rights
Diane Radnoff, Alberta Labour, Edmonton, AB, Canada.

D7
The 8th Habit of Highly Effective IH Leaders
3:15 PM - 4:15 PM  618, 619, 620
**Moderator:** Cheri Marcham, Embry-Riddle Aeronautical University, Newcastle, OK. **Presenters:** Perry Logan, 3M, St. Paul, MN; Christine Lorenzo, OSHA, Denver, CO.

D8
Wildfires: The IH Role, Part 2
3:15 PM - 4:15 PM  Ballroom 6A
**Moderator:** Bianca Malouf, Dominion Diamond Corporation, Yellowknife, NT, Canada. **Presenters:** Susan Evans, Dale Mann, Engineering Systems Inc., Seattle, WA.

D9
Mock Trial, Part 2: Appeal of OSHA Review Board Decision
3:15 PM - 4:15 PM  Ballroom 6B
**Moderator:** Glynnis Bowman, University of Maryland, College Park, MD. **Presenters:** William Collier, University of California at Merced, Merced, CA; Margaret Norman, DNA Industrial Hygiene, Manhattan Beach, CA.

D10
New Approaches to Exposure Monitoring and Screening
3:15 PM - 4:15 PM  Ballroom 6C
**Moderator:** Randal Keller, Murray State University, Murray, KY.
3:15 PM - 3:35 PM
Exposures to an Ethanol Based Cleaning Product
Ryan Lewis, Exponent, Inc., Oakland, CA.
3:35 PM - 3:55 PM
Model a Chemical Incident to Estimate Actual Exposure
Jeff Burton, IVE Inc, Salt Lake City, UT.
3:55 PM - 4:15 PM
The IH Toolbox: Automated Exposure Screening
Hans Plugge, 3E Company, Bethesda, MD.

D11
Exposures to Highly Hazardous Drugs
3:15 PM - 4:15 PM  Ballroom 6E
**Moderator:** John Rice, Intermountain Healthcare, Salt Lake City, UT. **Presenter:** Thomas Connor, NIOSH, Cincinnati, OH.

D12
William P. Yant Award
3:15 PM - 4:15 PM  303
**Presenter:** Willibrord ten Berge, Santoxar, The Netherlands.

D13
Dairy Exposures to Airborne Endotoxins and β-Glucans
3:15 PM - 4:15 PM  307, 308
**Moderator:** Thomas Slavin, Cardno ChemRisk, Chicago, IL. **Presenter:** Amanda VanDyke, Colorado State University, Fort Collins, CO.

D14
Radiation Protection Strategies, Part 2
3:15 PM - 4:15 PM  310
**Presenters:** Robert Costello, W L Gore & Associates, Elkton, MD; Ken Martin, Heuresis Corporation, Newton, MA.

The HUB, Hall 4B
Resume Critiquing
3:15 PM - 4:15 PM  Hub Area 2 - CareerAdvantage Development Fair
Ask the Expert: Tone and Strengthen
3:30 PM - 3:55 PM  Hub Area 1B - Health & Wellness
**Presenter:** George Sommerrock, Washington Athletic Club, Seattle, WA.

The Late Night Learning Session
A Little Risk in the Night
8:00 PM - 10:00 PM  Sheraton Seattle, Cirrus Ballroom
**Presenter:** Frederick Boelter, RHP Risk Management Inc., Boise, ID; N. Feldscher, New York City Department of Environmental Protection, Corona, NY.
Can’t decide between the multitude of education sessions that AIHce offers? Now, you don’t have to, because AIHce On Demand is included* with your registration!

With AIHce On Demand, you receive online access, post-conference, to over 150 presentations you may have missed. Simply access On Demand through your computer, tablet, or smartphone whenever it suits your schedule.

- AIHce On Demand includes slide and audio recordings** of education sessions.
- Opening and Closing sessions are not recorded, so be sure to attend those on-site.
- Recordings will be available 6 weeks after the conference.
- Additional credit can be claimed for recording activity.
- When recordings are posted, you will receive a notification email with detailed instructions for accessing the recordings and instructions for submitting credit.

Questions?
Contact Jessica Pagel at jpagel@aiha.org

*Not included for one-day, PDC only, Expo only or Exhibit booth personnel registrations
**Where speaker permission is granted
Stop by and see what’s happening at AIHA’s RESOURCE CENTER!

MEET...

Ken Jennings — Book signing Monday, June 5 (following the Q&A) from 12:15 PM - 1:00 PM
John Medina — Book Signing Wednesday, June 7 from 12:15 PM - 1:00 PM

Books available for purchase in advance for both signings, when the Booth opens on Monday morning.

RECHARGE... visit our complimentary charging lounge to recharge yourselves and your mobile devices. We have lots of new AIHA swag this year, including special IAMIH Outreach Kits for the first 200 people to sign up for the IAMIH Leadership Challenge (all of whom will be entered into a special prize drawing for gift cards)!

CHAT... face-to-face with AIHA, PAT, and Registries staff.

LEARN... what new AIHA products and benefits are now available to you!

WATCH... for your face in our regularly updated Candids Gallery brought to you on AIHA Network TV.

Enjoy 15% off AND free shipping on all publications, including these NEW titles

- 2017 ERPG/WEEL Handbook
- Assessment and Remediation of PCBs in the Built Environment
- Guidelines for the Selection and Use of Environmental Surface Disinfectants in Healthcare
- Useful Equations: Practical Applications of OH&S Math, 3rd edition
- IAQ and HVAC Workbook, 4th edition
- Laboratory Ventilation Guidebook, 2nd edition
- Case Studies: Sixty Practical Applications of OH&S Control Principles
- Industrial Ventilation Workbook, 7th edition
- Industrial Hygiene Workbook: The Occupational Health Sciences, 6th edition

Booth 1211
The Solution is Clear

Gastec’s Single-Stroke Sampling is Fast and Accurate.....
with no chance of errors that can occur with squeeze-
type pumps. Sampling with some competitor pumps
may require as many as 100 strokes! The Gastec pump
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gas measurements and remains a clear leader in
detector tube technology.

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metal alloy to withstand the
hardest environments.
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100 ml), denoted by clear
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sampling.

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volumes by displaying
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stroke is complete.

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Gastec tubes and pumps are manufactured by Gastec Corporation. Nextteq is Gastec’s exclusive U.S. master wholesale distributor.
Tuesday At-a-Glance

As of April 14, 2017

Tuesday, June 6

6:30 AM – 7:30 AM
• Early Riser Session 2: Is OSHA’s New Silica Dust Standard Relevant?, Sheraton Seattle, Cirrus Ballroom

6:30 AM – 8:00 AM
• Academic Special Interest Group, Sheraton Seattle, Issaquah A&B
• Nanotechnology Working Group, 3B
• Real Time Detection Systems Committee, 3A
• 31st Annual AIHF FunRun

7:00 AM – 5:00 PM
• Registration, Atrium Lobby

8:00 AM – 9:00 AM
General Session
Ignite
Hall 4A

8:00 AM – 4:00 PM
• Speaker Ready Room, 604
9:00 AM – 10:00 AM
• Resume Critiquing, Hub Area 2 - CareerAdvantage Development Fair
• Women in IH Focus Group, Sheraton Seattle, Redwood A

9:00 AM – 3:00 PM
• Exhibit Hall Open, Hall 4EF
9:00 AM – 10:00 AM
Coffee and Danish in the Expo Hall – Meet with Exhibitors while enjoying coffee and a snack.

9:05 AM – 9:30 AM
• Sy-Klone’s 3-Step Solution to Meeting the New OSHA Silica Law and How to Measure Filtration Success, Learning Pavilion 2, Exhibit Hall 4EF
• Vapor Shield ‘Military Grade’ Anti-Fog Technology, Learning Pavilion 1, Exhibit Hall 4EF

9:30 AM – 9:55 AM
• Talking about Science, Hub Area 1A - AIHA Education
• Yoga Session 2, Hub Area 1B - Health & Wellness

9:40 AM – 10:05 AM
• How Ergonomics Can Assist with Lean Manufacturing, Learning Pavilion 1, Exhibit Hall 4EF
• Testing for Silica Dust in the Air - A More Comprehensive Solution, Learning Pavilion 2, Exhibit Hall 4EF

10:00 AM – 10:25 AM
• Ask the Expert: Superfoods and Nutrition Takeaways, Hub Area 1B - Health & Wellness

9:40 AM – 10:05 AM
• Product Stewardship Society, Hub Area 1A - AIHA Education

10:00 AM – 11:00 AM
• E1: Going Green: Applying IH Concepts in Nontraditional Ways, 602, 603
• E2: Risk Assessment Triptych, 604, 607
• E3: Protecting African Workers: Contemporary Issues, 608, 609
• E4: Three Times the Data, 611, 612
• E5: Turnaround Tales: Health and Safety Challenges, 613, 614
• E6: Occupational Hygiene in British Columbia: Confined Spaces in Agriculture, 615, 616, 617
• E7: H&S Considerations Surrounding the Aging Worker, 618, 619, 620
• E8: Dealing with Noise, Ballroom 6A
• E9: Behavior Based Safety: Changing Behaviors, Ballroom 6B
• E10: Streamlining Exposure Assessment, Ballroom 6C
• E11: Vaping Aerosols and Secondhand Exposures, Ballroom 6E
• E12: 17th Annual Upton Sinclair Memorial Lecture for Outstanding EHS Investigative Reporting, 303
• E13: Using the New Cumulative Lifting Index and Cumulative Strain Index, 307, 308
• E14: Mold, Coal Mines, and Lead: A Look at Regulation & Public Policy, 310
• E15: Operational and Strategic Planning in Laboratories, Part 1, 401
• Poster Session 2 (Authors Present), Hall 4B, Hub Area 4 – Posters

10:00 AM – Noon
• ABET Accreditation Workshop, Sheraton Seattle, Diamond A
• Mock Interviewing, Hub Area 2 - CareerAdvantage Development Fair

10:00 AM – 12:30 PM
• TT-03 University of Washington Seattle Campus, Convention Place Entrance, 1st Floor

10:30 AM – 10:55 AM
• Mindfulness and Stress Release, Hub Area 1B - Health & Wellness
• The State of the Industry Survey - Results Discussion, Hub Area 1A - AIHA Education

10:30 AM – 11:30 AM
• Publications Committee Meeting, Sheraton Seattle, Juniper Room

10:30 AM – 12:00 PM
• OHTA Board Meeting (by invitation only), Sheraton Seattle, Alki Board Room

11:00 AM – 12:15 PM
• Student Local Sections Council Business Meeting, 3A

11:15 AM – 12:15 PM
• F1: Topics in Respiratory Protection, 602, 603
• F2: The Sole IH/EHS Professional in Your Organization, 606, 607
• F3: Noise, Knees, Drugs, and Fungi, 608, 609
• F4: Studies in Real Time Detection & Sensor Technology, 611, 612
• F5: The World of Low Submicrogram Beryllium Concentrations, 613, 614
• F6: Nanomaterials: Testing and Regulatory Overview, 615, 616, 617
• F7: Managing a Global Ergonomics Standard of Care, 618, 619, 620
• F8: Current Topics in Exposure Assessment, Ballroom 6A
• F9: Contractor Safety Management in a Complex World, Ballroom 6B
• F10: Lead, Legionella, and Disinfectant By-Products in the Flint Water Crisis, Ballroom 6C
• F11: Occupational Exposure Bands for Chemicals Lacking an OEL, Ballroom 6E
• F13: Three Looks at Asbestos, 307, 308
• F14: Interpreting the New NIOSH Chemical Carcinogen Policy, 310
• F15: Operational and Strategic Planning in Laboratories, Part 2, 401

12:15 PM – 12:40 PM
• Aircraft Carriers, HydroPowerplants and Noise at Your Facility, Learning Pavilion 2, Exhibit Hall 4EF
• Detecting Fugitive Emissions with Bruker Detectors, Learning Pavilion 1, Exhibit Hall 4EF

12:30 PM – 1:30 PM
• AIHA Volunteer Group Table Topics, Hub 5 - Volunteer & Committee Tables
• NIOSH Tech Talks: Current Topics, Hub Area 3 - Table Tech Talks

12:50 PM – 1:15 PM
• A New Concept in Multi-Sensor Probes for IAQ and Toxic Exposure IH Applications, Learning Pavilion 1, Exhibit Hall 4EF
• Silica - It’s Not Just Dust, WSICC, Learning Pavilion 2, Exhibit Hall 4EF

1:00 PM – 3:00 PM
• Resume Critiquing, Hub Area 2 - CareerAdvantage Development Fair

1:25 PM – 1:50 PM
• Improvements in Industrial Ventilation Measurement Tools, Learning Pavilion 2, Exhibit Hall 4EF
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 AM – 10:00 AM</td>
<td>Conference Program Committee Meeting, Sheraton Seattle, Greenwood</td>
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<tr>
<td>4:30 PM – 6:00 PM</td>
<td>Exposure and Control Banding Committee, Sheraton Seattle, Redwood A</td>
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<tr>
<td>4:30 PM – 6:30 PM</td>
<td>University of Texas, Univ. of Houston-Clear Lake, Univ. of North Texas Health Science Center Alumni Reception, Sheraton Seattle, Columbia</td>
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<tr>
<td>4:30 PM – 6:30 PM</td>
<td>University of Central Missouri Alumni and Friends, Sheraton Seattle, Diamond A &amp; B</td>
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<tr>
<td>5:00 PM – 6:00 PM</td>
<td>Non-Ionizing Radiation Committee, Sheraton Seattle, Cedar A &amp; B</td>
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<tr>
<td>5:00 PM – 6:00 PM</td>
<td>Toxicology Committee, Sheraton Seattle, Madrona Room</td>
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<tr>
<td>5:00 PM – 7:00 PM</td>
<td>Environmental Issues Committee, Sheraton Seattle, Ballard</td>
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<tr>
<td>5:00 PM – 7:00 PM</td>
<td>Mining Working Group, Sheraton Seattle, Grand Ballroom D</td>
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<tr>
<td>6:00 PM – 8:00 PM</td>
<td>University of California, Berkeley - Alumni Reception, Sheraton Seattle, Leschi</td>
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<tr>
<td>6:30 PM – 7:30 PM</td>
<td>AIHC Power Hour sponsored by MSA, Sheraton Seattle, Metropolitan Ballroom A &amp; B</td>
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<tr>
<td>6:30 PM – 8:00 PM</td>
<td>Alumni and Friends of UAB School of Public Health Gathering, Elephant and Castle</td>
</tr>
<tr>
<td>8:00 PM – 10:00 PM</td>
<td>Late Night Learning Session 2: After Hours Ethics, Sheraton Seattle, Cirrus Ballroom</td>
</tr>
</tbody>
</table>
Tuesday, June 6

Education Sessions

Full session descriptions may be found in the mobile app.

Early Riser Session 2

Is OSHA’s New Silica Dust Standard Relevant?
6:30 AM - 7:30 AM
Sheraton Seattle, Cirrus Ballroom
Presenters: David Goldsmith, George Washington University, Washington, DC; Kate Bradford, State Department, Washington, DC; Albert Tien, WHWB, Akron, OH.

General Session

Ignite

8:00 AM - 9:30 AM  Hall 4A

EHS & Beer
Presenter: Mark Rollins, A-EHS Brooklyn, CT.

How to Enhance Your IH Career
Presenter: Jeff Burton, IVE Inc., Salt Lake City, UT.

IH in Flight
Presenter: Kyle Vogel, Denver, CO.

Industrial Hygiene Consultant in Asia

Industrial Hygiene Is Rocket Science
Presenter: Harold Pratt, Sappi North America, Skowhegan, ME.

Learning through Operational Experience
Presenter: Jonathan Jacobi, Underwriters Laboratories, Franklin, TN.

Make Safety Personal
Presenter: Patrick Karol, Pat Karol Safety Speaks LLC, Romansville, PA.

Mentoring: Learning to Pay it Forward
Presenter: Linda Martin, Columbia Southern University, Seabrook, NH.

What’s That Smell?
Presenter: David Regelbrugge, Bureau Veritas North America, Lisle, IL.

The HUB, Hall 4B

Resume Critiquing
9:00 AM - 10:00 AM
Hub Area 2 - CareerAdvantage Development Fair

Talking about Science
9:30 AM - 9:55 AM
Hub Area 1A - AIHA Education
Presenter: Ed Rutkowski, AIHA, Falls Church, VA.

Yoga Session 2
9:30 AM - 9:55 AM
Hub Area 1B - Health & Wellness
Presenter: Alex Tran, Washington Athletic Club, Seattle, WA.

Ask the Expert: Superfoods and Nutrition Takeaways
10:00 AM - 10:25 AM
Hub Area 1B - Health & Wellness
Presenter: Eric Chen, Washington Athletic Club, Seattle, WA.

Product Stewardship Society
10:00 AM - 10:25 AM
Hub Area 1A - AIHA Education
Presenter: Adam Seery, AIHA, Falls Church, VA.

E1
Going Green: Applying IH Concepts in Nontraditional Ways
10:00 AM - 11:00 AM
602, 603
Moderator: Karen Kelley, University of Maryland, College Park, MD. Presenter: Jessica Mann, Green Futures Unlimited, San Diego, CA.

E2
Risk Assessment Triptych
10:00 AM - 11:00 AM
606, 607
Moderator: Donna Bartlett, PPG, Monroeville, PA.
10:00 AM - 10:20 AM
Dermal Risk Assessment
Margot Bernabo, PPG, Monroeville, PA.
10:20 AM - 10:40 AM
Is Heat Stress Exposure Sustainable?
Thomas Bernard, University of South Florida, Tampa, FL.
10:40 AM - 11:00 AM
Synthetic Biology: Biosafety Considerations
Stephanie Cunha, BSI EHS Services and Solutions, Hillsboro, OR.

E3
Protecting African Workers: Contemporary Issues
10:00 AM - 11:00 AM
608, 609
Moderator: Lydia Renton, BluMetric Environmental Inc., Ottawa, ON, Canada.
Presenters: Aristides Medard, Acacia Mining, Tanzania; Chineye Ischeii, John Hopkins University, Baltimore, MD; JP Jacobs, Richards Bay Minerals, South Africa.

Events take place at the Washington State Convention Center, unless otherwise noted.
**Expo Learning Pavilion 1**  
9:05 AM - 9:30 AM  
**Vapor Shield “Military Grade” Anti-Fog Technology**  
Edge Eyewear  
Most situations can be handled with standard anti-fog lenses, but for extreme environments Edge Eyewear developed a revolutionary, “military grade” anti-fog technology called Vapor Shield. Whether exposed to hot, cold, or humid conditions, it is completely resistant to fog.

9:40 AM - 10:05 AM  
**How Ergonomics Can assist with Lean Manufacturing**  
ESIS Health, Safety and Environmental  
Learn how the application of key ergonomic principles can assist lean manufacturing efforts at increasing productive output, decreasing waste, and reducing the risk factors/costs associated with musculoskeletal disorders.

12:15 PM - 12:40 PM  
**Detecting Fugitive Emissions with Bruker Detectors**  
Bruker  
Bruker Detection has developed high performance Ion Mobility instruments for chemical vapor detection to exacting military standards for over 20 years. Bruker instruments can detect within seconds at low ppb or ppm levels such compounds as TDI, HDI, DMS, H,S, NH3, Cl2, MeBr, phosgene, hydrazine, as well as others.

12:50 PM - 1:15 PM  
**Aircraft Carriers, HydroPowerplants and Noise at Your Facility**  
Noise Control Engineering LLC  
The costs of having workers in a hearing conservation program, and also disability liabilities of a noisy work environment, have increased the importance of noise abatement to lower noise levels. Advanced techniques, which have been used in difficult environments to lower noise levels, will be presented. If your facility has high noise levels, make sure you attend!

1:25 PM - 1:50 PM  
**The BioRAFT Solution: A Unique Tool for Laboratory Safety and Compliance**  
BioRAFT  
The BioRAFT platform is an innovative solution for enterprise laboratory safety, compliance, and training. Designed by scientific researchers to aid scientific research, BioRAFT streamlines and automates the training and compliance process while being easy for researchers to use, which reduces overhead and increases researcher productivity.

**Expo Learning Pavilion 2**  
9:05 AM - 9:30 AM  
**Sy-Klone’s 3-Step Solution to Meeting the New OSHA Silica Law and How to Measure Filtration Success**  
Sy-Klone International  
Sy-Klone International presents the world’s most effective air cleaning technology specifically designed for the toughest air quality environments. Sy-Klone’s complete air quality system is the most effective solution for meeting permissible exposure limits and protects operators by reducing exposure to all forms of respirable particulate, including DPM, asbestos, and silica.

9:40 AM - 10:05 AM  
**Testing for Silica Dust in the Air — A More Comprehensive Solution**  
Nanozen  
Silica dust is the enemy. Workers are being exposed every day to this danger. Nanozen has the early warning system to help the industrial hygiene professional manage their silica situation. Please join Nanozen at the Learning Pavilion at AIHce Seattle to learn more.

12:15 PM - 12:40 PM  
**Silica — It’s Not Just Dust**  
ALS  
During this presentation, ALS will give a brief summary of silica and discuss jobs that involve silica that are covered by the new OSHA silica rule. We will also discuss the OSHA limits and services ALS can provide, including analysis, pumps, cyclones, and media.

12:50 PM - 1:15 PM  
**Improvements in Industrial Ventilation Measurement Tools**  
TSI Incorporated  
This presentation is an introduction to the new TSI AirPro Ventilation Solutions. The AirPro solutions include wireless air velocity meters, AirPro Mobile Application, a license manager to track your mobile application and service intervals, and a variety of service options to keep your equipment in robust condition.

**Exhibitor Product Demos and Presentations**  
9:00 AM – 2:00 PM, Expo Learning Pavilions 1 & 2, Hall 4EF
E4
Three Times the Data
10:00 AM - 11:00 AM
Moderator: Teniope Adewumi, University of California at Los Angeles, Los Angeles, CA.
10:00 AM - 10:20 AM
Data Driven Continuous Improvement in OEHS
David Stein, 3M, St. Paul, MN.
10:20 AM - 10:40 AM
Where Has OSHA Found Overexposures to the PEL
Jedd Hill, U.S. Department of Labor/OSHA, Sandy, UT.
10:40 AM - 11:00 AM
A Mobile App for Pesticide H&S Information
Kit Galvin, University of Washington, Seattle, WA.

E5
Turnaround Tales: Health and Safety Challenges
10:00 AM - 11:00 AM
Moderator: Bob DeHart, Retired, Boone, NC. Presenters: Ed Chessor, University of British Columbia, Vancouver, BC, Canada; Kit Penniall, ExxonMobil, Houston, TX; Brian Stott, Chicago Bridge & Iron Company, The Woodlands, TX.

E6
Occupational Hygiene in British Columbia: Confined Spaces in Agriculture
10:00 AM - 11:00 AM
Moderator: Geoff Clark, WorkSafeBC, North Vancouver, BC, Canada.

E7
H&S Considerations Surrounding the Aging Worker
10:00 AM - 11:00 AM
Moderator & Presenter: Peter Rice, Ahtna/ClickSafety, Novato, CA.

E8
Dealing with Noise
10:00 AM - 11:00 AM
Moderator: Don Rust, 3M, St. Paul, MN.
10:00 AM - 10:20 AM
Noise Exposures at a Hammer Forge Company
Scott Brueck, CDC/NIOSH, Cincinnati, OH.

E9
Behavior Based Safety: Changing Behaviors
10:00 AM - 11:00 AM
Moderator: Sophia Sushailo, 3M, Flemington, NJ.

E10
Streamlining Exposure Assessment
10:00 AM - 11:00 AM
Moderator: Jeff Behar, Jet Propulsion Laboratory, Granada Hills, CA. Presenters: Elizabeth Pullen, Clariant Corp., Charlotte, NC; Susan Arnold, University of Minnesota, Minneapolis, MN.

E11
Vaping Aerosols and Secondhand Exposures
10:00 AM - 11:00 AM
Moderator: Cheri Marcham, Embry-Riddle Aeronautical University, Newcastle, OK. Presenters: Evan Floyd, The University of Oklahoma Health Sciences Center, Oklahoma City, OK; Jonathan Thornburg, RTI International, Raleigh-Durham, NC; Yifang Zhu, University of California at Los Angeles, Los Angeles, CA.

E12
17th Annual Upton Sinclair Memorial Lecture for Outstanding EHS Investigative Reporting
10:00 AM - 11:00 AM
Moderator: Howard Berkes, NPR, Salt Lake City, UT.

E13
Using the New Cumulative Lifting Index and Cumulative Strain Index
10:00 AM - 11:00 AM
Moderator: Angela Dartt, Golder Associates, St. Charles, MO. Presenters: Jay Kapellusch, Arun Garg, University of Wisconsin at Milwaukee, Milwaukee, WI.

E14
Mold, Coal Mines, and Lead: A Look at Regulation & Public Policy
10:00 AM - 11:00 AM
Moderator: Emily Goswami, Exponent, Inc., Oakland, CA.
10:00 AM - 10:20 AM
Critical Review of Mold Injury Claims
Clifford Cooper, The Vertex Companies Inc., Kingston, NY.
10:20 AM - 10:40 AM
Coal Mine Dust Lung Disease: Current Information
Cara Halldin, NIOSH, Morgantown, WV.
10:40 AM - 11:00 AM
HUD’s New Rule on Children’s Elevated Blood Lead Levels
Warren Friedman, U.S. Department of Housing and Urban Development, Washington, DC.

E15
Operational and Strategic Planning in Laboratories, Part 1
10:00 AM - 11:00 AM
Moderator: Robert Lieckfield, Bureau Veritas North America, Inc., Novi, MI. Presenters: Cheryl Morton, AIHA, Falls Church, VA; Jon Murthy, United Kingdom Accreditation Service, United Kingdom.

Poster Session 2
Author Attend Time
10:00 AM - 11:00 AM
The HUB, Hall 4B
Topic: Hazard Recognition and Evaluation
See page 52 for posters on this topic. For a full list of co-authors and detailed abstracts, see AIHce 2017 Website.
TUESDAY, JUNE 6  Education Sessions

The HUB, Hall 4B
Mock Interviewing
10:00 AM - 12:00 PM
Hub Area 2 - CareerAdvantage Development Fair

Mindfulness and Stress Release
10:30 AM - 10:55 AM
Hub Area 1B - Health & Wellness
Presenter: Heather Adams, Washington Athletic Club, Seattle, WA.

The State of the Industry Survey
10:30 AM - 10:55 AM
Hub Area 1A - AIHA Education
Presenter: Susan Marchese, AIHA, Falls Church, VA.

F1
Topics in Respiratory Protection
11:15 AM - 12:15 PM  602, 603
Moderator: Stacey Croghan, Booz Allen Hamilton, Boaz, AL.
11:15 AM - 11:35 AM
Engineering Controls for Laboratory Animal Allergen Exposures
Iraj Aalaei, Massachusetts Institute of Technology, Cambridge, MA.
11:35 AM - 11:55 AM
Evaluation of a Working End of Service Life Indicator
Michael Parham, Scott Safety, Monroe, NC.
11:55 AM - 12:15 PM
Respiratory Protection against Ultrafine Diesel Particulate
Kerrie Burton, University of Wollongong, Australia.

F2
The Sole IH/EHS Professional in Your Organization
11:15 AM - 12:15 PM  606, 607
Moderator: Melissa Rupert, SevenGen, Cincinnati, OH. Presenters: Justin Hoover, Steel Dynamics, Inc., Fort Wayne, IN; Wayman Aldridge, Intersil Corporation, West Melbourne, FL; Christine Hoehn, Praxair, Inver Grove Heights, MN.

F3
Noise, Knees, Drugs, and Fungi
11:15 AM - 12:15 PM  608, 609
Moderator: John Rice, Intermountain Healthcare, Salt Lake City, UT.

F4
Studies in Real Time Detection & Sensor Technology
11:15 AM - 12:15 PM  611, 612
Moderator: Philip Smith, U.S. Department of Labor/OSHA, Sandy, UT.
11:15 AM - 11:35 AM
Real Time Detection of ppb Levels of Benzene
Jennifer Maclachlan, PID Analyzers, LLC, Sandwich, MA.
11:35 AM - 11:55 AM
Evaluation of a Portable GC/PI Detector
Jhy-Charm Soo, NIOSH, Morgantown, WV.
11:55 AM - 12:15 PM
Recommendations for a Continuous Gas Monitoring System
Kwonchul Ha, Changwon National University, Republic of Korea.

F5
The World of Low Submicrogram Beryllium Concentrations
11:15 AM - 12:15 PM  613, 614
Presenters: Deborah Proctor, ToxStrategies, Inc., Mission Viejo, CA; Marc Corbett, Materion Inc., Mayfield Heights, OH.

F6
Nanomaterials: Testing and Regulatory Overview
11:15 AM - 12:15 PM  615, 616, 617
Moderator: Lucinette Alvarado, Covestro LLC, Pittsburgh, PA. Presenters: Margarethe Jaroszewski, 3E Company, Carlsbad, CA; Hans Plugge, 3E Company, Bethesda, MD.

F7
Managing a Global Ergonomics Standard of Care
11:15 AM - 12:15 PM  618, 619, 620

F8
Current Topics in Exposure Assessment
11:15 AM - 12:15 PM  Ballroom 6A
Moderator: Barbara Bessette-Henderson, Friendswood, TX.
11:15 AM - 11:35 AM
New Bayesian Toolkit for the Interpretation of OELs
Jerome Lavoue, University of Montreal, QC, Canada.
11:35 AM - 11:55 AM
Assessment of Intermittent Exposure to Whole-Body Vibration
Yuli Huang, National Kaohsiung First University of Science and Technology, Taiwan.
11:55 AM - 12:15 PM
Measurements Below LOD in the NIEHS Gulf Study
Caroline Groth, University of Minnesota, Minneapolis, MN.

F9
Contractor Safety Management in a Complex World
11:15 AM - 12:15 PM  Ballroom 6B
Moderator: Jeff Behar, Jet Propulsion Laboratory, Granada Hills, CA. Presenters: Joy Inouye, John Dony, Campbell Institute - National Safety Council, Itasca, IL.

F10
Lead, Legionella, and Disinfectant By-Products in the Flint Water Crisis
11:15 AM - 12:15 PM  Ballroom 6C

F11
Occupational Exposure Bands for Chemicals Lacking an OEL
11:15 AM - 12:15 PM  Ballroom 6E
Moderator: Glynnis Bowman, University of Maryland, College Park, MD. Presenters: Melissa Seaton, Lauralynn McKernan, CDC/NIOSH, Cincinnati, OH; Andrew Maier, University of Cincinnati, Cincinnati, OH.
<table>
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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Presenter/Authors</th>
</tr>
</thead>
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<tr>
<td>11:15 AM - 12:15 PM</td>
<td>Three Looks at Asbestos</td>
<td>307, 308</td>
<td>Thomas Slavin, Cardno Chem-Risk, Chicago, IL.</td>
</tr>
<tr>
<td>11:15 AM - 11:35 AM</td>
<td>Asbestos City: An Asbestos Contaminated Town</td>
<td></td>
<td>John Lewis, ECOH Management Inc, Mississauga, ON, Canada.</td>
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<tr>
<td>11:35 AM - 11:55 AM</td>
<td>Elongate Mineral Particles (EMPs) in Taconite Mining</td>
<td></td>
<td>Yuan Shao, University of Minnesota, Minneapolis, MN.</td>
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<tr>
<td>11:55 AM - 12:15 PM</td>
<td>Determination of Releasable Asbestos in Soils</td>
<td></td>
<td>Ed Cahill, EMSL Analytical, Cinnaminson, NJ.</td>
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<tr>
<td>11:15 AM - 12:15 PM</td>
<td>Interpreting the New NIOSH Chemical Carcinogen Policy</td>
<td>310</td>
<td>Thomas Lentz, CDC/NIOSH, Cincinnati, OH.</td>
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<tr>
<td>11:15 AM - 12:15 PM</td>
<td>Diesel Exposure and Cancer in Mining</td>
<td>602, 603</td>
<td>Dale Stephenson, Boise State University, Boise, ID.</td>
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<tr>
<td>11:15 AM - 12:15 PM</td>
<td>Silica Standards</td>
<td>608, 609</td>
<td>Kathy Thompson, 3M, St. Paul, MN.</td>
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<tr>
<td>11:15 AM - 12:15 PM</td>
<td>Resume Critiquing</td>
<td></td>
<td>Joseph Bowman, CDC/NIOSH, Cincinnati, OH.</td>
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<tr>
<td>11:15 AM - 12:15 PM</td>
<td>5 Must-Do Desk Stretches</td>
<td></td>
<td>George Sommerrock, Washington Athletic Club, Seattle, WA.</td>
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<tr>
<td>11:15 AM - 12:15 PM</td>
<td>AIHA Bodies of Knowledge (BoKs): Everything You Always Wanted to Know</td>
<td></td>
<td>Russ Hayward, AIHA, Falls Church, WA.</td>
</tr>
</tbody>
</table>

**The HUB, Hall 4B**

**NIOSH Tech Talks: Current Topics**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter/Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30 PM - 1:30 PM</td>
<td>NIOSH's Chemical Carcinogen Policy</td>
<td>Thomas Lentz, CDC/NIOSH, Cincinnati, OH.</td>
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<td></td>
<td>21st Century Manufacturing: Going Beyond Nanotechnology into Advanced Materials and Manufacturing</td>
<td>Charles Geraci, CDC/NIOSH, Cincinnati, OH.</td>
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<td>PPE-Info Database: One-Stop Shopping for PPE Standards for Your Workplace Hazards</td>
<td>Susan Moore, CDC/NIOSH, Pittsburgh, PA.</td>
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<td>NIOSH Center for Direct Reading and Sensor Technologies</td>
<td>John Snawder, CDC/NIOSH, Cincinnati, OH.</td>
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<tr>
<td></td>
<td>Applying New Media to OSH information Products and Tools</td>
<td>Thomas Ebert, Attain, Cincinnati, OH.</td>
</tr>
</tbody>
</table>

**Education Sessions TUESDAY, JUNE 6**

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TUESDAY, JUNE 6  Education Sessions

G4 Successfully Applying for the CIH Exam  2:00 PM - 3:00 PM  611, 612
Moderator & Presenter: Ulric Chung, American Board of Industrial Hygiene, Lansing, MI. Presenter: Yvette Smith, American Board of Industrial Hygiene, Lansing, MI.

G5 Noise Diagnostic Tools in the 21st Century  2:00 PM - 3:00 PM  613, 614
Presenter: Erik Miller-Klein, A3 Acoustics, LLP, Seattle, WA.

G6 Occupational Hygiene in British Columbia: Craft Brewing  2:00 PM - 3:00 PM  615, 616, 617
Moderator: David Dodge, Gradient, Bend, OR. Presenter: Prescillia Chua, WorkSafe-BC, Vancouver, BC, Canada.

G7 Mock Emergency Response, Part 1  2:00 PM - 3:00 PM  618, 619, 620
Moderator: Stacey Croghan, Booz Allen Hamilton, Boaz, AL. Presenters: Laura Weems, U.S. Army Corps of Engineers, Little Rock, AR; Brandi Kissel, Cornell University, Ithaca, NY; Edward Primeau, United States Coast Guard Atlantic Strike Team, Fort Dix, NJ.

G8 Microbiomes of the Built Environment, Part 1  2:00 PM - 3:00 PM  Ballroom 6A
Moderator: Steve Derman, MediSHARE Environmental Health & Safety Services, Cupertino, CA. Presenters: David Miller, Carleton University, Ottawa, ON, Canada; William Rhoads, Virginia Tech, Blacksburg, VA; James Scott, University of Toronto, ON, Canada.

G9 Current Advances in Sampling Methods  2:00 PM - 3:00 PM  Ballroom 6B
Moderator: Allen Iske, University of Central Missouri, Kansas City, MO.
2:00 PM - 2:20 PM Comparison of Formaldehyde Sampling Methods
Zach Pasquinelli, SevenGen, Fort Wayne, IN.
2:20 PM - 2:40 PM Comparison of Naphthalene Sampling Methods
Patrick Owens, Shell Oil Company, Martinez, CA.
2:40 PM - 3:00 PM In-Situ Calibration of Field Samples by Thermal Desorption
Mitch Rubenstein, U.S. Air Force, Beavercreek, OH.

G10 Are Controls Working: Evaluating Effectiveness  2:00PM - 3:00PM  Ballroom 6C
Moderator: Kevin Dunn, NIOSH, Cincinnati, OH. Presenters: Martin Cohen, Marc Beaudreau, Gerry Croteau, University of Washington, Seattle, WA.

G11 Current Studies in Radiation  2:00 PM - 3:00 PM  Ballroom 6E
Moderator: Rhiannon Filip, Golder Associates Ltd., Mississauga, ON, Canada.
2:00 PM - 2:20 PM RF Radiation Exposures Assessed for Brain Cancer: INTEROCC
Joseph Bowman, NIOSH, Cincinnati, OH.
2:20 PM - 2:40 PM Total Hydrocarbon Exposures in the Deepwater Horizon Oil Spill
Gurumurthy Ramachandran, Johns Hopkins University, Baltimore, MD.
2:40 PM - 3:00 PM Deepwater Horizon Oil Spill: Exposure Reconstruction
Mark Stenzel, Exposure Assessment Applications, Arlington, VA.

G12 Moving Your Organization through the EHSQ Maturity Curve  2:00 PM - 3:00 PM  303
Presenter: Eric Morris, Intelex Technologies Inc., Denver, CO.

G13 100+ Years of Radiation Risk Communication, Part 1  2:00 PM - 3:00 PM  307, 308

G14 Vietnam Takes New Initiatives on Lead Exposures  2:00 PM - 3:00 PM

G15 Operational and Strategic Planning in Laboratories, Part 3  2:00 PM - 3:00 PM  401
Moderator: Robert Lieckfield, Bureau Veritas North America, Inc., Novi, MI. Presenters: Brigitte Polmar, Brand Spoken, Washington, DC; Casey Quinn, Colorado State University, Fort Collins, CO.

Poster Session 3  Author Attend Time  2:00 PM - 3:00 PM  The HUB, Hall 4B
Topic: Safety
See page 52 for posters on this topic. For a full list of co-authors and detailed abstracts, see AIHce 2017 Website.

G16 AIHce Movie Matinee: ‘Blood on the Mountain’  2:00 PM - 4:15 PM  Hall 4A
Moderator: Nina Townsend, California Department of Public Health, Richmond, CA. Presenter: Mari-Lynn Evans, Evening Star Productions, Cleveland, OH.
**Education Sessions  TUESDAY, JUNE 6**

**The HUB, Hall 4B**

**Healthy Eating: Meal Planning and Serving Sizes**  
2:30 PM - 2:55 PM  
Hub Area 1B - Health & Wellness  
**Presenter:** Eric Chen, Washington Athletic Club, Seattle, WA.

**Connecting Through Social Media at Events**  
3:00 PM - 3:25PM  
Hub Area 1A - AIHA Education  
**Presenter:** Ashlee Wilcox, AIHA, Falls Church, VA.

**Healthy Eating: Eating at the Workplace**  
3:00 PM - 3:25 PM  
Hub Area 1B - Health & Wellness  
**Presenter:** Eric Chen, Washington Athletic Club, Seattle, WA.

**Speed Networking**  
3:00 PM - 4:00 PM  
Hub Area 2 - CareerAdvantage Development Fair

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**H1**  
Protecting Workers, Students, and Teachers During School Construction  
3:15 PM - 4:15 PM  
602, 603  
**Presenters:** Pam Susi, Avanti Industrial Hygiene, Marlton, NJ; Darryl Alexander, American Federation of Teachers, Washington, DC.

**H2**  
Measuring and Modeling of Air Concentrations: Are the Results Close?  
3:15 PM - 4:15 PM  
606, 607  
**Moderator:** Andrey Korchevskiy, Chemistry & Industrial Hygiene, Inc., Wheat Ridge, CO. **Presenters:** Daniel Hall, Chemistry & Industrial Hygiene, Inc., Wheat Ridge, CO; Srinivas Srimath, RSK, United Kingdom.

**H3**  
Industrial Hygiene in the Healthcare Industry: What’s Your Diagnosis?  
3:15P M - 4:15 PM  
608, 609  
**Moderator:** Kimberly Carlson, Bureau Veritas, Houston, TX. **Presenters:** Rob Strode, Chemistry & Industrial Hygiene, Inc., WheatRidge, CO; Cynthia Ellwood, Associates in Occupational & Environmental Health, LLC, Black Hawk, CO; Christopher Kolbash, Carolinas HealthCare System, Charlotte, NC.

**H4**  
Evaluating Physical and Mental Fitness for Work  
3:15 PM - 4:15 PM  
611, 612  
**Presenter:** Peter Greaney, WorkCare, Inc., Anaheim, CA.

**H5**  
More Topics in Ergonomics  
3:15 PM - 4:15 PM  
613, 614  
**Moderator:** Blake McGowan, Humantech, Inc., Ann Arbor, MI.

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**H6**  
Conjoined Sensor Use to Evaluate Exposures  
3:15 PM - 4:15 PM  
615, 616, 617  
**Moderator:** Jodi Quam, 3M, St. Paul, MN. **Presenters:** John Snawder, NIOSH, Cincinnati, OH; William Mills, Northern Illinois University, Dekalb, IL.

**H7**  
Mock Emergency Response, Part 2  
3:15 PM - 4:15 PM  
618, 619, 620  
**Moderator:** Stacey Croghan, Booz Allen Hamilton, Boaz, AL. **Presenters:** Laura Weems, U.S. Army Corps of Engineers, Little Rock, AR; Brandi Kissel, Cornell University, Ithaca, NY; Edward Primeau, United States Coast Guard Atlantic Strike Team, Fort Dix, NJ.

**H8**  
Microbiomes of the Built Environment, Part 2  
3:15 PM - 4:15 PM  
**Ballroom 6A**  
**Moderator:** Steve Derman, MediSHARE Environmental Health & Safety Services, Cupertino, CA. **Presenters:** Lan Chi Nguyen-Weekes, InAir Environmental, Ottawa, ON, Canada; Rachel Adams, University of California, Berkeley, CA; Erica Stewart, Kaiser Permanente, Pasadena, CA.

**H9**  
Best Practices for Confined Space Monitoring  
3:15 PM - 4:15 PM  
**Ballroom 6B**  
**Moderator & Presenter:** Chuck Haling, VelocityEHS, Chicago, IL.

**H10**  
OSHA’s New Recordkeeping Law  
3:15 PM - 4:15 PM  
**Ballroom 6C**  
**Moderator:** Karen Kelley, University of Maryland, College Park, MD.

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3:15 PM - 3:35 PM  
**Evaluation of REACH Exposure Assessment Models**  
Eun Gyung Lee, CDC/NIOSH, Morgantown, WV.

3:35 PM - 3:55 PM  
**Comparing One In-Company with Three Public Hazard Bandings Systems**  
Erik van Miert, Solvay, Belgium.

3:55 PM - 4:15 PM  
**Testing Hazard Banding Strength against the OEL Value**  
Theo Scheffers, TSAC, The Netherlands.
H12
Perspectives on Preparation for the CIH Exam v12.0
3:15 PM - 4:15 PM  303
Presenters: Michelle Coutu, Triumvirate Environmental, Inc., Baltimore, MD; Michael Baquiran, UL LLC, Northbrook, IL; Kerry Schmid, Ecolab, Inc, Eagan, MN.

H13
100+ Years of Radiation Risk Communication, Part 2
3:15 PM - 4:15 PM  307, 308
Moderator & Presenter: Mona Shum, Aura Health and Safety Corporation, Burnaby, BC, Canada. Presenters: Joseph Bowman, NIOSH, Cincinnati, OH; Anne-Marie Nicol, Simon Fraser University, Burnaby, BC, Canada.

H14
How to Use Creative Nonfiction Narrative to Improve Training
3:15 PM - 4:15 PM  310
Presenter: Jonathan Klane, Arizona State University, Tempe, AZ.

H15
Operational and Strategic Planning in Laboratories, Part 4
3:15 PM - 4:15 PM  401

The HUB, Hall 4B
Power and Empowerment: Visualize and Realize Success
3:30 PM - 3:55 PM
Hub Area 1B - Health & Wellness
Presenter: Heather Adams, Washington Athletic Club, Seattle, WA.

3:30 PM - 3:55 PM
Hub Area 1A - AIHA Education
Presenter: Angela Oler, AIHA, Falls Church, VA.
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  - REACh Supply Chain communication tools
  - Applications available in any of 47 languages
- SDS Authoring tools:
  - create fully-compliant SDS in minutes
  - 47 languages in all country/ region formats
  - supported by underlying database of over 150,000 substance classifications
  - supported by Regulatory data for 800,000 substances, 7000 families
  - 5000+ Regulatory Lists (updated daily) – over 100 countries
  - 23+ million SDS (updated daily using 'Bots and real people)
  - Bar-Code supported Assets Management – cradle to grave, Stock Take/ Reconciliation, Shopping Cart, Waste Management and Disposal (off-line support available)
  - Supply Chain Logistics tools (Land/ Air / Water) – Outer/ Over/Inner Pack, Compatibility Reporting (UN, DOT, RID/ ADR, IMO, IATA etc)
  - Global 24/7 Emergency Response Service (over 150 languages)
  - Data extraction teams dissemble 1000's SDS/ eSDS, daily, for use in all downfield reporting – strict QC
  - eLearning (SCORM-compliant multi-language) embedded within applications
  - 24/7 Help Line (150 languages supported)
  - Over 5000 organizations, worldwide. Over 100,000 Users
  - Developed, maintained and supported by over 100 OHS Professionals/ Scientists.
  - Representation in over 20 countries (with local language support)
  - Chemwatch is an ISO 9001-certified organization
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  - All applications built using common architecture
  - Full integration between all applications
  - Web Service API exchanges data with ERP/ eProcurement and other management systems

www.chemwatch.net
info@chemwatch.net
Wednesday At-a-Glance

As of April 14, 2017

### Wednesday, June 6

#### 6:00 AM – 7:00 AM
- Early Riser Session 3, Sheraton Seattle, Cirrus Ballroom

#### 7:00 AM – 8:30 AM
- **MARK of EXCELLENCE AWARDS**
  - Awards Breakfast
  - Hall 4A

#### 7:30 AM – 4:00 PM
- Registration, Atrium Lobby

#### 8:00 AM – 1:30 PM
- Exhibit Hall Open, Hall 4EF

#### 8:00 AM – 9:00 AM
- Speaker Ready Room Open, 604

#### 8:30 AM – 8:55 AM
- Advanced Broadband Wireless Gas Detection, Learning Pavilion 2, Exhibit Hall 4EF
- Comprehensive Air Quality Monitoring, Learning Pavilion 1, Exhibit Hall 4EF

#### 9:00 AM – 10:00 AM
- 11: Occupational Hygiene Capacity in Developing Countries, 602, 603
- 12: Environmental Surface Disinfectants Use in Healthcare, 606, 607
- 13: International Laboratory Standards of Practice, 608, 609
- 14: Learning to Leverage NIOSH's PPE Activities, 611, 612
- 15: Making OH&S Training Come to Life, 613, 614
- 16: Insights on Exposure Monitoring, 615, 616, 617
- 17: Impact of Ergonomics on ADA Cases, 618, 619, 620
- 18: Eronnite: The Ghost of Asbestos Past, Ballroom 6A
- 19: Bayerian and Professional Judgment Users' Group, Part 1, Ballroom 6B
- 20: Applying the Hierarchy of Controls to Infection Prevention, Ballroom 6C
- 21: Batteries, PCBs, and Pesticides, Ballroom 6D
- 22: Investigative Photography, 303
- 23: Measuring Total Petroleum Hydrocarbon (TPH) Exposures, 307, 308
- 24: SDS Authoring and Reviewing, Part 1, 310

#### 9:00 AM – 12:00 PM
- Resume Critiquing, Hub Area 2 - CareerAdvantage Development Fair

#### 9:30 AM – 9:55 AM
- IH Professional Pathways - What's in it for you?, Hub Area 1A - AIHA Education
- Yoga Session 3, Hub Area 1B - Health & Wellness

#### 9:30 AM – 1:30 PM
- TT-06 Pacific Fisherman, Convention Place Entrance, 1st Floor
- TT-07 Solstice, Convention Place Entrance, 1st Floor
- TT-08: Chateau Ste. Michelle Winery and Redhook Brewery, Convention Place Entrance, 1st Floor
- TT-09: CorTemp Ingestible Core Body Temperature Sensor Technology, Learning Pavilion 2, Exhibit Hall 4EF

#### 10:00 AM – 10:25 AM
- Ask the Expert: Superfoods and Nutrition Takeaways, Hub Area 1B - Health & Wellness
- Submitting a Session Proposal for AIHce, Hub Area 1A - AIHA Education

#### 10:15 AM – 11:15 AM
- J1: Notable Confined Spaces and Issues — Other Potential Exposures, 602, 603
- J3: An Effective Process Hazard Analysis (PHA), 608, 609
- J4: Complex Interactions of Water System Contaminants, 611, 612
- J5: Impulse Noise, Dosimetry, and F-Weighting: Topics in Noise, 613, 614
- J6: Allergic Biomolecules in Workplace and Home Environments, 615, 616, 617
- J7: Why Not Jail, Part 1, 618, 619, 620
- J8: Ebola and Other Infectious Diseases, Ballroom 6A
- J9: Bayesian and Professional Judgment Users' Group, Part 2, Ballroom 6B
- J10: Focus on Respirators, Ballroom 6C
- J11: GHS Combined with Control Banding, Ballroom 6E
- J12: Research on Welding Processes, Helmets, and Fume Sampling, 303
- J13: Mentoring: Experiences, Advice, and Real World Application, 307, 308
- J14: SDS Authoring and Reviewing, Part 2, 310

#### 10:30 AM – 10:55 AM
- AIHA Registry Programs, Hub Area 1A - AIHA Education
- Power and Empowerment: Visualize and Realize Success, Hub Area 1B - Health & Wellness

#### 11:15 AM – 11:40 AM
- CorTemp Ingestible Core Body Temperature Sensor Technology, Learning Pavilion 2, Exhibit Hall 4EF
- Taking Your Hygiene Program to the Next Level: The Benefits of EHS Software, Learning Pavilion 1, Exhibit Hall 4E

#### 11:50 AM – 12:15 AM
- An Integrated Toolkit to Manage Environmental Impacts and Potential Risks at Industrial Facilities, Learning Pavilion 1, Exhibit Hall 4E
- Intelex Occupational Health Solution, Learning Pavilion 2, Exhibit Hall 4F

#### 12:15 PM – 1:00 PM
- John Medina Book Signing, AIHA Booth (#1211)
- 1:00 PM – 1:25 PM
- Government Relations and You, Hub Area 1A - AIHA Education
- Power Stretches, Hub Area 1B - Health & Wellness

#### 1:00 PM – 2:00 PM
- K1: The Value Proposition of Ergonomics, 602, 603
- K3: All the World's a Risky Stage, 608, 609
- K4: Multicultural Ethics: Calibrating Your Ethical Compass, 611, 612
- K5: Oh, the Places You'll Go!, 613, 614
- K6: ABH Forum, 615, 616, 617
- K7: Why Not Jail, Part 2, 618, 619, 620
- K8: Hydrocarbon Exposures from Opening Storage Vessels, Ballroom 6A
- K9: Chemical Registration Systems and Disinfection Topics, Ballroom 6B
- K10: Nanoparticle and Diffusive Sampling, Ballroom 6C
- K11: Building Damage Restoration: IH Protocols, Ballroom 6E
- K12: Jeffrey S. Lee Lecture - The Intersection of Opportunity and Preparation, 303
- K13: Reducing Dust and Silica Exposure, 307, 308
- K14: Dust Explosion Hazards Management: NFPA 652, 310

#### 1:30 PM – 1:55 PM
- AIHA's Laboratory Accreditation Program, Hub Area 1A - AIHA Education
- Healthy Eating: Eating out, Hub Area 1B - Health & Wellness

#### 1:30 PM – 4:30 PM
- TT-08: Chateau Ste. Michelle Winery and Redhook Brewery, Convention Place Entrance, 1st Floor
- TT-09: CorTemp Ingestible Core Body Temperature Sensor Technology, Learning Pavilion 2, Exhibit Hall 4EF

#### 1:30 PM – 5:00 PM
- Forest Products Industry IH Forum, Sheraton Seattle, Issaquah A&B
Thursday At-a-Glance

As of April 14, 2017

Thursday, June 8

7:00 AM – 7:30 AM
• PDC Monitor Meeting, 606

7:00 AM – 1:00 PM
• Speaker Ready Room, 604

7:30 AM – 10:30 AM
• Registration, Atrium Lobby

8:00 AM – Noon
• PDC 901: Practical Approaches to Troubleshooting Common Ventilation Complaints and Problems, 602, 603
• PDC 902: Risk Assessment During An Incident Response, 606, 607

3:00 PM – 5:00 PM
• Lab Health and Safety Committee, Sheraton Seattle, Redwood A&B
• Minority Special Interest Group, Sheraton Seattle, Cedar A&B
• Stewardship and Sustainability Committee, Sheraton Seattle, Ravenna B & C
• Students and Early Career Professionals Committee, Sheraton Seattle, Aspen Room

4:00 PM – 6:00 PM
• Green Building Working Group, Sheraton Seattle, Kirkland
• Incident Preparedness and Response Working Group, Sheraton Seattle, Willow B

4:30 PM – 6:30 PM
• Confined Spaces Committee, Sheraton Seattle, Willow A
• Joint Industrial Hygiene Ethics Education Committee, Sheraton Seattle, Madrona Room

5:00 PM – 6:00 PM
• Branding Task Force (by invitation only), Sheraton Seattle, Ballard

5:00 PM – 7:00 PM
• Career and Employment Services Committee (by invitation only), Sheraton Seattle, Capitol Hill

5:30 PM – 6:30 PM
• AIHA Board of Directors Meeting, Sheraton Seattle, Jefferson A&B

8:00 AM – 5:00 PM
• PDC 801: Risk Assessment Boot Camp for IHs: Asbestos, Silica, Metals & Organic Compounds, 615, 616, 617
• PDC 802: Occupational Exposure Banding in the Workplace including Emergency Response Applications, 613, 614
• PDC 803: Understanding the WELL Building Standard™, 608, 609
• PDC 804: Hearing Protection, Communication, and Hearing Loss Prevention, 611
• PDC 805: Practical Application of Whole Air Sampling, 618, 619, 620
• PDC 806: Exposure Decision Analysis Toolkit, 612

10:00 AM – Noon
• TT-010 The Bullitt Center Tour 2, Convention Place Entrance, 1st Floor

Noon – 1:00 PM
• PDC Lunches, Hall 4B
General Session

The Hub, Hall 4B
Student Posters Author Attend
Time
9:00 AM - 10:00 AM  Hub Area 4 - Posters
For a full list of co-authors and detailed abstracts, see AIHce 2017 Website.

11 Occupational Hygiene Capacity in Developing Countries
9:00 AM - 10:00 AM  602, 603
Presenters: Lydia Renton, BluMetric Environmental Inc., Ottawa, ON, Canada; Marianne Levitsky, WHWB, Toronto, ON, Canada; Mary O’Reilly, ARLS Consultants Inc., Manlius, NY.

12 Environmental Surface Disinfectants Use in Healthcare
9:00 AM - 10:00 AM  606, 607
Moderator: Cynthia Ellwood, Associates in Occupational + Environmental Health, LLC, Black Hawk, CO. Presenters: Erica Stewart, Kaiser Permanente, Pasadena, CA; George Byrns, Illinois State University, Normal, IL; Rob Strode, Chemistry & Industrial Hygiene, Inc., WheatRidge, CO.

13 International Laboratory Standards of Practice
9:00 AM - 10:00 AM  608, 609
Moderator: Thomas Fuller, Illinois State University, Bloomington, IL. Presenters: Frederique Parrot, Sanofi, France; Gustavo Delgado, Forensic Analytical Laboratories, Inc., San Francisco, CA; Marcos Domingos, Consultant, Sao Paulo, Brazil.

14 Learning to Leverage NIOSH’s PPE Activities
9:00 AM - 10:00 AM  611, 612
Moderator: Penney Stanch, NASA, Houston, TX. Presenters: Susan Moore, NIOSH, Pittsburgh, PA; Lee Greenawald, CDC/NIOSH, Morgantown, WV.

15 Making OH&S Training Come to Life
9:00 AM - 10:00 AM  613, 614
Moderator: Bob DeHart, Retired, Boone, NC. Presenter: David Casavant, Sustainable Workplace Alliance, Lake Wales, FL.

16 Insights on Exposure Monitoring
9:00 AM - 10:00 AM  615, 616, 617
Moderator: Wei-Chung Su, University of Texas Health Science Center at Houston, Houston, TX.

7:00 AM - 8:30 AM  Hall 4A

17 Impact of Ergonomics on ADA Cases
9:00 AM - 10:00 AM  618, 619, 620
Moderator: Diane Herrera, Employers Insurance, Austin, TX. Presenters: Zachary Koutsandreas, Debra Lieberman, ERGOWORKS Consulting, LLC, Gaithersburg, MD; William Collier, University of California at Merced, Merced, CA.

18 Erionite: The Ghost of Asbestos Past
9:00 AM - 10:00 AM  Ballroom 6A
Moderator: Dale Stephenson, Boise State University, Boise, ID. Presenters: Andrey Korchevskiy, Chemistry & Industrial Hygiene, Inc., Wheat Ridge, CO; Amin Elamin, University of South Florida, Tampa, FL; Anna Shvedova, NIOSH, Morgantown, WV.

Events take place at the Washington State Convention Center, unless otherwise noted.
Bayesian and Professional
Judgment Users’ Group, Part 1
9:00 AM - 10:00 AM Ballroom 6B
Presenters: Paul Hewett, Exposure Assessment Solutions, Inc., Morgantown, WV; Perry Logan, John Mulhausen, 3M, St. Paul, MN.

Applying the Hierarchy of Controls to Infection Prevention
9:00 AM - 10:00 AM Ballroom 6C
Moderator: Steve Derman, MediSHARE Environmental Health & Safety Services, Cupertino, CA. Presenter: Bryan Christensen, CDC, Atlanta, GA.

Batteries, PCBs, and Pesticides
9:00 AM - 10:00 AM Ballroom 6E
Moderator: Rhiannon Filip, Golder Associates Ltd., Mississauga, ON, Canada. 9:00 AM - 9:20 AM New Renewable Energy Technologies
Terry Thedell, San Diego Gas and Electric, San Diego, CA.
9:20 AM - 9:40 AM PCBs in an Indoor School Environment
9:40 AM - 10:00 AM Reducing Toxic Pesticides Use
John Kabashima, UC Cooperative Extension, South Coast Research and Extension Center, Irvine, CA.

Investigative Photography
9:00 AM - 10:00 AM 303
Presenters: Jonathan Jacobi, Underwriters Laboratories, Franklin, TN.

Measuring Total Petroleum Hydrocarbon (TPH) Exposures
9:00 AM - 10:00 AM 307, 308
Moderator: Kimberly Carlson, Bureau Veritas North America, Inc., Houston, TX. Presenters: Robert Nocco, Chevron Energy Technology Company, San Ramon, CA; Robert Lieckfield, Bureau Veritas North America, Inc., Novi, MI; Hans Umhoefer, Bureau Veritas North America, Oklahoma City, OK.

Exhibitor Product Demos and Presentations
8:30 AM – 12:30 PM, Expo Learning Pavilions 1 & 2, Hall 4EF

Expo Learning Pavilion 1
8:30 AM - 8:55 AM
Comprehensive Air Quality Monitoring
Particles Plus, Inc.
We will introduce our comprehensive line of particulate counters and air quality monitors. These instruments have many amazing, industry-first features, including a real-time meter, ultra-long battery life, intuitive IMS software, and more.

Taking Your Hygiene Program to the Next Level: The Benefits of EHS Software
Medgate, Inc.
Many hygienists are managing programs with disparate systems, struggling to gather data from multiple locations. Medgate software offers the tools necessary to standardize data collection in addition to qualitative risk assessments used to prioritize resources. SEG management and Business Intelligence tools for tracking and reporting are also included.

An Integrated Toolkit to Manage Environmental Impacts and Potential Risks at Industrial Facilities
RTI International
RTI will present the Onsite Assessment, Compliance and Inspection System (OACIS), developed for the Environment Agency – Abu Dhabi (EAD). OACIS is an integrated toolkit for managing environmental impacts and potential risks by coordinating compliance processes, facility risk assessment, and overall program management.

Expo Learning Pavilion 2
8:30 AM - 8:55 AM
Advanced Broadband Wireless Gas Detection
Honeywell Analytics
Introducing Honeywell’s new AreaRAE Pro/Plus advanced broadband chemical, radiation, and gas detector. Twelve data points, including weather and sensors. Multiple communications protocols, including mesh radio, Wi-Fi, and Bluetooth, allowing for instant connections of 8 portable instruments. The new AreaRAE also includes relays.

CorTemp Ingestible Core Body Temperature Sensor Technology
HQ, Inc.
CorTemp® is a wire-free, temperature monitoring solution that enables you to detect elevated core body temperature in extreme workplace environments. Critical decisions can be made early on to protect your work force before the onset of heat stress and fatigue. There will be a demonstration of the sensor, data recorder, and app.

Intelex Occupational Health Solution
Intelex Technologies Inc.
Intelex Health is a robust solution that will assist you in understanding the epidemiology of chronic conditions or episodic illnesses impacting your work force. Intelex Occupational Health is a robust solution that will assist you in understanding the epidemiology of chronic conditions or episodic illnesses impacting your work force. The solution is built with rich functionality and paired with standard healthcare practices and protocols to help streamline the management of employee medical information and activities. This demonstration will focus on showcasing reporting, employee health records, and health programs within the Intelex system.
**I14**
SDS Authoring and Reviewing, Part 1
9:00 AM - 10:00 AM
**Moderator:** Robert Skoglund, Covestro, Pittsburgh, PA. **Presenter:** Denese Deeds, Industrial Health & Safety Consultants, Inc., Shelton, CT.

**J2**
Volatile Organic Compounds (VOC) Criteria for New Construction
10:15 AM - 11:15 AM
**Presenters:** Paul Haas, Morse Associates - Building & Forensic Sciences, LLC, West Palm Beach, FL; Edward Light, Building Dynamics, Ashton, MD; Leslie Beyer, Gradient, Cambridge, MA.

**J3**
An Effective Process Hazard Analysis (PHA)
10:15 AM - 11:15 AM
**Moderator:** Bob DeHart, Retired, Boone, NC. **Presenters:** Lindsay Booher, ExxonMobil, Houston, TX; Amy Duz, iWorkwise, Seattle, WA; William Winslow, Winslow Partnership, Lacey, WA.

**J4**
Complex Interactions of Water System Contaminants
10:15 AM - 11:15 AM
**Presenters:** Janet Keyes, CHESS, Woodbury, MN; Martin Jones, Iowa City Va Health Care System, Iowa City, IA.

**J5**
Impulse Noise, Dosimetry, and F-Weighting: Topics in Noise
10:15 AM - 11:15 AM
10:15 AM - 10:35 AM
**Hearing Protection for Impulse Noise**
Elliott Berger, 3M, Indianapolis, IN.
10:35 AM - 10:55 AM
**Noise Exposure among Workers Utilizing Two-Way Radios**
Lynn Gilbertson, University of Wisconsin at Whitewater, Whitewater, WI.
10:55 AM - 11:15 AM
**Proposed New Noise Weighting for Pregnant Workers**
Robert Eninger, Dayton, OH.

**J6**
Allergic Biomolecules in Workplace and Home Environments
10:15 AM - 11:15 AM
**Moderator:** Thomas Slavin, Cardno ChemRisk, Chicago, IL. **Presenter:** Eva King, Indoor Biotechnologies, Inc., Charlotteville, VA.

**J7**
Why Not Jail, Part 1
10:15 AM - 11:15 AM
**Moderator:** Torey Nalbone, University of Texas at Tyler, Tyler, TX. **Presenter:** Suzanne Marria, Private Practice Attorney, San Francisco, CA.

**J8**
Ebola and Other Infectious Diseases
10:15 AM - 11:15 AM
**Moderator:** Steve Derman, MediSHARE Environmental Health & Safety Services, Cupertino, CA. **Presenter:** Aurora Le, Shawn Gibbs, Indiana University School of Public Health, Bloomington, IN.

**J9**
Bayesian and Professional Judgment Users’ Group, Part 2
10:15 AM - 11:15 AM
**Presenters:** Paul Hewett, Exposure Assessment Solutions, Inc., Morgantown, WV; Perry Logan, John Mulhausen, 3M, St. Paul, MN.

**J10**
Focus on Respirators
10:15 AM - 11:15 AM
**Moderator:** Cheryl DuBois, 3M, Cottage Grove, MN.
10:15 AM - 10:35 AM
**Respirator Fit: After the Fit Test**
Margaret Sietsema, University of Illinois at Chicago, Chicago, IL.
10:35 AM - 10:55 AM
**Respirator Seal Integrity Monitor for Firefighters**
Bingbing Wu, University of Cincinnati, Cincinnati, OH.
10:55 AM - 11:15 AM
**Negative Pressure Respirator: Physiological Effects of Use**
Jane Whitelaw, University of Wollongong, Australia.

**J11**
GHS Combined with Control Banding
10:15 AM - 11:15 AM
**Moderator:** Yvonne Gazzard, YKG Consulting, Calgary, AB, Canada. **Presenter:** Michael Phibbs, Chemscape Safety Technologies, Calgary, AB, Canada.
WEDNESDAY, JUNE 7  Education Sessions

J12  
Research on Welding Processes, Helmets, and Fume Sampling  
10:15 AM - 11:15 AM  
Moderator: Jun Wang, University of Oklahoma, Oklahoma City, OK. Presenters: Mike Keane, NIOSH, Morgantown, WV; Arlen Siert, Xcel Energy, Denver, CO.

J13  
Mentoring: Experiences, Advice, and Real World Application  
10:15 AM - 11:15 AM  
Moderator: Christina Elish Ortiz, Bell Helicopter, Euless, TX. Presenters: Kristin Hosfeld, Nexteer Automotive, Saginaw, MI; Susan Ripple, Susan Ripple Consulting, LLC, Midland, MI; Sophia Sushailo, 3M, Flemington, NJ.

The HUB, Hall 4B  
AIHA Registry Programs  
10:30 AM - 10:55 AM  
Hub Area 1A - AIHA Education  
Presenter: Angela Oler, AIHA, Falls Church, VA.

Power and Empowerment: Visualize and Realize Success  
10:30 AM - 10:55 AM  
Hub Area 1B - Health & Wellness  
Presenter: Heather Adams, Washington Athletic Club, Seattle, WA.

Government Relations and You  
1:00 PM - 1:25 PM  
Hub Area 1A - AIHA Education  
Presenter: Mark Ames, AIHA, Falls Church, VA.

Power Stretches  
1:00 PM - 1:25 PM  
Hub Area 1B - Health & Wellness  
Presenter: Alex Tran, Washington Athletic Club, Seattle, WA.

J14  
SDS Authoring and Reviewing, Part 2  
10:15 AM - 11:15 AM  

K1  
The Value Proposition of Ergonomics  
1:00 PM - 2:00 PM  
Presenter: Blake McGowan, Humantech, Inc., Ann Arbor, MI.

K2  
Industrial Hygiene Statistics: The Next Generation  
1:00 PM - 2:00 PM  
Moderator: Lucinette Alvarado, Covestro LLC, Pittsburgh, PA. Presenter: Brent Altemose, SafeBridge Consultants, Inc., Easton, PA.

K3  
All the World’s a Risky Stage  
1:00 PM - 2:00 PM  
Moderator: Frederick Boelter, RHP Risk Management Inc., Boise, ID. Presenters: Jacob Persky, RHP Risk Management Inc., Chicago, IL; Lynn Allison, Idaho Shakespeare Festival, Boise, ID; Leonard Zwack, NIOSH, Cincinnati, OH.

K4  
Multicultural Ethics: Calibrating Your Ethical Compass  
1:00 PM - 2:00 PM  

K5  
Oh, the Places You’ll Go!  
1:00 PM - 2:00 PM  
Presenter: Melissa Rupert, SevenGen, Cincinnati, OH; Michael Finnamore, Baxter Healthcare Corporation, Round Lake, IL; Michael Larranaga, Ramboll, Dallas, TX.

K6  
ABIH Forum  
1:00 PM - 2:00 PM  
Moderator: Ulric Chung, American Board of Industrial Hygiene, Lansing, MI. Presenter: Yvette Smith, American Board of Industrial Hygiene, Lansing, MI.

K7  
Why Not Jail, Part 2  
1:00 PM - 2:00 PM  
Moderator: Torey Nalbone, University of Texas at Tyler, Tyler, TX. Presenters: Craig Benedict, Retired, Syracuse, NY; Greg Siwinski, SUNY/Occupational Health Clinical Center, Syracuse, NY.

K8  
Hydrocarbon Exposures from Opening Storage Vessels  
1:00 PM - 2:00 PM  
Ballroom 6A  
Moderator: Kimberly Carlson, Bureau Veritas North America Inc., Houston, TX. Presenters: John Snawder, NIOSH, Cincinnati, OH; Chad Hyman, Southwestern Energy, Spring, TX; Robert Nocco, Chevron Energy Technology Company, San Ramon, CA.

K9  
Chemical Registration Systems and Disinfection Topics  
1:00 PM - 2:00 PM  
Ballroom 6B  
Moderator: John Rice, Intermountain Healthcare, Salt Lake City, UT.

K10  
Nanoparticle and Diffusive Sampling  
1:00 PM - 2:00 PM  
Ballroom 6C  
1:00 PM - 1:20 PM  
Finding the Nanoparticle Using Direct-Reading instruments  
Kevin Dunn, NIOSH, Cincinnati, OH.

1:20 PM - 1:40 PM  
Sampling for Low Concentration and/or Short Duration Exposures  
Evan Floyd, The University of Oklahoma Health Sciences Center, Oklahoma City, OK.

1:40 PM - 2:00 PM  
Comparison of Three Nanoparticle Samplers  
Andrew Castano, Colorado State University, Fort Collins, CO.

John Medina Book Signing  
12:15 PM - 12:45 PM  
Be sure to stop by the AIHA Booth (#1211) and have your book signed.

WEDNESDAY, JUNE 7  Education Sessions

Be sure to stop by the AIHA Booth (#1211) and have your book signed.

John Medina Book Signing  
12:15 PM - 12:45 PM  
Be sure to stop by the AIHA Booth (#1211) and have your book signed.
Education Sessions  WEDNESDAY, JUNE 7

K11
Building Damage Restoration: IH Protocols
1:00 PM - 2:00 PM  Ballroom 6E
Moderator: Jerry McCaslin, SeaCast, Inc, Marysville, WA. Presenter: Howard Wolf, HW3 Group, LLC, Chicago, IL.

K12
Jeffrey S. Lee Lecture
The Intersection of Opportunity and Preparation
1:00 PM - 2:00 PM

Presenters: Jimmy Perkins, University of Texas Health Science Center, San Antonio, TX.

K13
Reducing Dust and Silica Exposure
1:00 PM - 2:00 PM  307, 308
Moderator: Thomas Slavin, Cardno Chem-Risk, Chicago, IL.
1:00 PM - 1:20 PM
Dust and Silica Exposures during Stone Countertop Fabrication
Margaret Phillips, University of Oklahoma Health Sciences Center, Oklahoma City, OK.
1:20 PM - 1:40 PM
Dust and Silica Exposures among WTC Cleanup Workers
Franklin Mirer, CUNY School of Public Health, New York, NY.
1:40 PM - 2:00 PM
Exposure Prevention in Underserviced Global Settings
Marianne Levitsky, Allbridge, Inc., Toronto, ON, Canada.

K14
Dust Explosion Hazards Management: NFPA 652
1:00 PM - 2:00 PM  310
Presenter: Vahid Ebadat, DEKRA Insight, Princeton, NJ.

The HUB, 4B
AIHA's Laboratory Accreditation Program
1:30 PM - 1:55 PM
Hub Area 1A - AIHA Education
Presenter: Cheryl Morton, AIHA Laboratory Accreditation Programs, LLC, Falls Church, VA.

Ask the Expert: Superfoods and Nutrition Takeaways
1:30 PM - 1:55 PM
Hub Area 1B - Health & Wellness
Presenter: Eric Chen, Washington Athletic Club, Seattle, WA.

Closing General Session
The Brains Behind Leadership
2:15 PM - 3:30 PM  Hall 4A
Presenter: John Medina, University Of Washington, School Of Medicine, Seattle, WA.

Can the cognitive neurosciences inform us about what in the brain makes a great leader? What transforms a competent executive into a trailblazing boss is a combination of two seemingly contradictory skills: an intense focus on results coupled with strong social skills. Recent findings in the brain sciences have discovered the neurological basis behind these traits. Discover the behaviors that make great leaders and learn how to take the guesswork out of hiring or cultivating individuals with these characteristics.
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All posters are in Hall 4B, Hub Area 4

Poster Session 1  Monday, June 5
Author Attend Time  10:00 AM - 11:00 AM
Topic: Hazard Recognition and Evaluation

• 184 - Xenylene Exposure Effects on Adult Auditory Function.  Presenter: Francis Pleban, Tennessee State University, Nashville, TN.


• 331 - An Analysis of Asbestos Exposures at the World Trade Center.  Presenter: Robert Adams, Ramboll Environ, Princeton, NJ.


• 442 - Proposed NIOSH Occupational Exposure Banding Process.  Presenter: Pranav Rane, CDC/NIOSH, Cincinnati, OH.

• 488 - Indoor Air Quality in Ice Arenas.  Organizer: Sunil Varughese, Public Health, Toronto, ON, Canada.

• 517 - Evaluation of Talcum Powders for Asbestos.  Presenter: Alexander Riordan, Cardno ChemRisk, Chicago, IL.


• 642 - Household Environment and Health in First Nations Communities.  Presenter: Shelley Kirychuk, University of Saskatchewan, CCHSA, Saskatoon, SK, Canada.

• 693 - Three New NIOSH Acid Analytical Methods.  Presenter: Derek Krause, Bureau Veritas North America Inc., Novi, MI.

• 749 - Potential Hazards Related to the Operation of Indoor Swimming Pools.  Presenter: Jan Koehn, Jan Koehn, M.S., CIH, Inc., Houston, TX.

• 763 - Stability of Environmental Samples in Storage.  Presenter: Mairi Heikkinen, Westat, Rockville, MD.

• 765 - Evaluation of 1,3-Butadiene and Benzene in a Chemical Plant.  Presenter: Melanie Nembhard, Cardno ChemRisk, San Francisco, CA.

• 802 - Acetonitrile (ACN) Off-Gassing from DNPH Tubes.  Presenter: Richard Newton, Liberty Mutual Insurance Co., Marietta, GA.

• 811 - Developing an IBM Internal Occupational Exposure Limit for Indium and Indium Compounds.  Presenter: Jennifer Dimitri, IBM, Sn Jose, CA.

Poster Session 2  Tuesday, June 6
Author Attend Time  10:00 AM - 11:00 AM
Topic: Chemical & Material Hazards

• 185 - Noise Exposure Among Groundkeepers in North Carolina Universities.  Presenter: Jo Anne Balanay, East Carolina University, Greenville, NC.

• 248 - Characterizing Work Forces Exposed to Nanomaterials.  Presenter: Kelsey Babik, NIOSH, Cincinnati, OH.

• 259 - The Impact of the NIOSH Nanotechnology Research Center.  Presenter: Laura Hodson, CDC/NIOSH, Cincinnati, OH.

• 264 - The Limitations of SMPS Instruments for Characterizing Nanoparticles.  Presenter: Bean Chen, NIOSH, Morgantown, WV.

• 371 - Hearing Loss Risks from In Non-Coal Mining Industries?  Presenter: Kan Sun, NIOSH, Pittsburgh, PA.

• 502 - Noise Exposure from a Woodworking Mobile Dust Collector.  Presenter: Donna Vosburgh, University of Wisconsin-Whitewater, Whitewater, WI.

• 520 - Control of Zinc Oxide Nanoparticle Exposure in a Manufacturing Setting.  Presenter: Bob Higley, ESIS Health, Safety and Environment, Corona, CA.

• 552 - Controlling Health Hazards When Working with Nanomaterials.  Presenter: Eric Glassford, NIOSH, Cincinnati, OH.

• 563 - Formaldehyde Exposure in a Preserved Cadaver Storage Cooler.  Presenter: April Ames, University of Toledo, Toledo, OH.

• 605 - Custom Designed Safety Eyewear for Personalized Fit.  Presenter: Gabriel Judd, University of Alabama at Birmingham, Birmingham, AL.

• 613 - Enhanced Darkfield Microscopy and Hyperspectral Mapping Airborne Nanoparticles.  Presenter: Adrienne Eastlake, CDC/NIOSH, Cincinnati, OH.


• 649 - Noise Exposure Estimates to Enhance HC Programs.  Presenter: Silvia Maberti, ExxonMobil Biomedical Sciences, Inc., Baytown, TX.

• 751 - Formaldehyde Exposure in a New Embalming Suite.  Presenter: Michael Valigosky, University of Toledo, Toledo, OH.

• 762 - Prevention through Design: Design it Out.  Presenter: Jonathan Bach, NIOSH, Cincinnati, OH.

Poster Session 3  Tuesday, June 6
Author Attend Time  2:00 PM - 3:00 PM
Topic: Safety

• 354 - Proposals for OEL Values for Workplace Chemicals in Poland.  Presenter: Slawomir Czerczak, Nofer Institute of Occupational Medicine, Poland.

• 461 - Implementing a Shop Safety Program at a University.  Presenter: Gary Bangs, University of Washington, Seattle, WA.

• 469 - Simple and Rapid Biomonitoring Test Kits Facilitate Occupational Screening.  Presenter: Lathan Ball, Chemtrace Limited, United Kingdom.

• 492 - Exposure to Metals from Artisanal Gold Mining Operations.  Presenter: Brian Pavilonis, City University of New York School of Public Health, New York, NY.

• 547 - Not Just an Internship Program.  Presenter: Kwangseog Ahn, University of Wisconsin-Whitewater, Whitewater, WI.

• 581 - Development of Worker H&S Recognition Programs.  Presenter: Teniope Adewumi, University of California at Los Angeles, Los Angeles, CA.

• 587 - Bioaerosol Exposures in Intensive Care Units.  Presenter: Chane-Yu Lai, Chung Shan Medical University, Taichung, Taiwan.

• 598 - Erionite: What is the Exposure Risk?  Presenter: Jennifer Ellis, Ramboll Environ, Princeton, NJ.

• 624 - Occupational Exposures to Gasoline Exhaust in an Outdoor Setting.  Presenter: Allison Insley, Cardno ChemRisk, Boulder, CO.


Student Posters Wednesday, June 7
Author Attend Time  9:00 AM - 10:00 AM
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Tuesday, June 6
9:00 a.m. – 3:00 p.m.
Wednesday, June 7
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Tuesday, June 6
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Wednesday, June 7
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**Expo Hours**

- **Monday, June 5** – 9:00 AM – 5:30 PM
- **Tuesday, June 6** – 9:00 AM – 3:00 PM
- **Wednesday, June 7** – 8:00 AM – 1:30 PM

**Expo Hall Networking Reception**

- **Monday, June 5** – 4:30 PM – 5:30 PM

**Coffee & Danish in the Expo Hall**

- **Tuesday, June 6** – 9:00 AM – 10:00 AM

**AIHA Booth #1211 Happenings**

- **Monday, June 5** – 12:15 PM – 1:00 PM
  - Ken Jennings
- **Wednesday, June 7** – 12:15 PM – 1:00 PM
  - John Medina

**AIHA Introduces The Hamilton Club**

Are you interested in learning about how a strategic alliance between AIHA and your organization could result in a more targeted outreach to our members and event attendees? Stop by the AIHA Booth for more information.

**New Exhibitor Pavilions**

**Booths 1611-1631 and Booths 1710-1730**

Be sure to stop by to visit these first-time AIHce exhibitor partners who have new and exciting products and services to share!

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Give your devices a recharge at the AIHA Booth #1211 or stop by Booth #1652 for a mini-massage.

Stop by Booth #2316 and take a selfie with your favorite IH Hero or the whole crew!

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Join us for a lively scavenger hunt and trivia game to enter drawings for our many prizes. Show off your sleuthing skills by answering trivia questions and snapping pictures through our conference app! You can find all the important information you’ll need to participate in the app.

**Pathway Passport**

Have your Pathway Passport stamped by participating exhibitors, and drop your completed entry in the box in the AIHA Booth (Booth 1211), by noon on Wednesday, June 7. Winning names will be drawn at 12:30 PM. The Grand Prize is a round trip and registration for AIHce 2018 in Philadelphia, PA. Second Prize is $1,000.

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