May 20-22 | Columbus, OH
Professional Development Courses May 18, 19, and 23

For the best experience, use the Digital Final Program in conjunction with the Conference Mobile App/virtual Platform. Use the App/Virtual Platform to build your schedule, participate in virtual sessions, participate in Connectzone, add your selfie to the Mosaic, and connect with peers.
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Events and Locations
Conference events are held at the Greater Columbus Convention Center (GCCC) unless otherwise noted. These include Professional Development Courses (PDCs), education sessions, the Expo, Education Pop-Ups, Health & Wellness sessions, Speaker Ready Room, and the Career Advantage Fair. Greater Columbus Convention Center: 400 N. High Street; Columbus, OH 43215

Volunteer groups and committee meetings and social events will be held at the Hilton Columbus Downtown as noted. Hilton Columbus Downtown: 402 N. High Street; Columbus, OH 43215

A full listing of events may be found in the Schedule-at-a-Glance in the Final Program and on the AIHA Connect 2024 Mobile App/Virtual Platform.

Badges
Registration, Lower Level, A 110

Friday, May 17 ......................... 5:00 p.m.–7:00 p.m.
Saturday, May 18 ...................... 6:30 a.m.–5:30 p.m.
Sunday, May 19 ....................... 6:30 a.m.–7:00 p.m.
Monday, May 20 ...................... 7:00 a.m.–5:30 p.m.
Tuesday, May 21 ...................... 7:00 a.m.–5:00 p.m.
Wednesday, May 22 ................. 7:30 a.m.–4:00 p.m.
Thursday, May 23 .................... 6:30 a.m.–10:00 a.m.

In-person participants MUST wear a name badge to be admitted to all AIHA Connect sessions and events, including social activities. AIHF activities and selected social activities may also require a ticket. Once tickets are purchased, fees are nonrefundable; however, ticket exchanges may be permitted pending availability.

Should you lose or misplace your badge, we are happy to reprint it for you. After one initial reprint, there is a $5.00 charge for a lost badge or ticket replacement.

Education Credits
In-person and virtual attendees can earn up to 17 contact hours by attending one session in every time block, Monday through Wednesday. Additional CM contact hours may be earned from mid-June through December 31, 2024 by attending sessions OnDemand. Sessions included in OnDemand are noted with 📚.

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General Information

Behavior Standards
AIHA Connect is a professional conference. AIHA reserves the right to take any action deemed necessary and appropriate, including immediate removal from the meeting without warning or refund, in response to any incident of unacceptable behavior, and AIHA reserves the right to prohibit attendance at any future meeting. Examples of unacceptable behavior include, but are not limited to:
- Harassment, intimidation, or discrimination in any form
- Physical or verbal abuse of any attendee, speaker, volunteer, exhibitor, AIHA staff member, service provider, or other meeting guest
- Verbal comments related to gender, sexual orientation, disability, physical appearance, body size, race, religion, national origin, inappropriate use of nudity and/or sexual images in public spaces or in presentations, or threatening or stalking any attendee, speaker, volunteer, exhibitor, AIHA staff member, service provider, or other meeting guest
- Disruption of presentations at sessions, in the exhibit hall, or at other events organized by AIHA.
AIHA has zero-tolerance for any form of discrimination or harassment, including, but not limited to, sexual harassment by participants or staff at conferences. If you experience harassment or hear of incidents of unacceptable behavior, AIHA asks that you inform Larry Sloan, CEO, or Franky Spangler, Chief Operating Officer, or 703-849-8888 so we can take the appropriate action. For more information on AIHA’s Member Code of Conduct and Reporting Form, visit [www.aiha.org/membership](http://www.aiha.org/membership) and search AIHA Code of Conduct Acknowledgement.

Virtual participants agree additionally they will not record, copy, or take screen shots of Q&A or any chat room activities taking place in the Virtual AIHA Connect environment.

Children
Children and young adults 18 and under are not permitted at any AIHA Connect 2024 events (including courses, sessions, socials, or in the Expo).

CIH Requirements
For detailed information about CIH requirements, contact the Board for Global EHS Credentialing (BGC) directly at [www.gobgc.org](http://www.gobgc.org) or visit Booth 1231 while on-site.

Disclaimer
The viewpoints and opinions expressed in the presentations, sessions, and discussions at AIHA Connect have not necessarily been approved or endorsed by AIHA. Although the information presented has been compiled from sources believed to be reliable, the copyright holders and the American Industrial Hygiene Association (AIHA) make no guarantee as to, and assume no responsibility for, the correctness, sufficiency, or completeness of such information.

Emergencies, First Aid, and Assistance
The safety and security of on-site attendees and staff is the priority of AIHA and the GCCC. If a medical emergency occurs in the GCCC, contact the Greater Columbus Convention Center Security at 614-827-2547. We respectfully request that you do not call 911 directly.

Saturday, May 18-Thursday, May 23 – A first aid station staffed daily by an EMT is located outside Exhibit Hall AB on the Lower Level across from registration.
General Information

Evaluations
PDC, education session, education pop-ups, and all evaluations can be accessed via the AIHA Connect mobile app/virtual platform through Friday, June 6. Your feedback is appreciated and will be used to improve AIHA Connect.

Expo
Exhibit Hall AB
Monday, May 20 ..........................9:30 a.m.–5:30 p.m.
Tuesday, May 21....................... 9:00 a.m.–3:30 p.m.
Wednesday, May 22............... 9:00 a.m.–1:00 p.m.

Final Program
Descriptions of individual sessions may be found in the AIHA Connect 2024 mobile app/virtual platform.

Lost and Found
Information Desk near Registration, Lower Level
Lost and found items may be taken to/requested from the Information Desk located near Registration on the lower level. AIHA Connect will turn items into GCCC security each evening.

Mother’s Room
The GCCC has a designated nursing mother’s room located on the Central Atrium, along with family restrooms located in the Upper A-Pod (behind room A 210) and in the Center Lounge restrooms near the South Café and Marketplace. These single-use areas are equipped with a seat, electricity, and a lockable door.

Proof of Attendance and PDC Completion
Transcripts will be updated no later than June 28, 2024. For the main conference, in-person attendees will receive a transcript update indicating their verified participation for up to 17 contact hours (not verified by individual session); virtual attendees will receive a transcript update indicating their verified participation in up to one virtual session per time block. For each PDC, in-person and virtual attendees will receive a transcript update indicating the total number of contact hours for that specific PDC.

OnDemand
AIHA Connect OnDemand is the package of session recordings included with full conference registrations (one-day registrations receive OnDemand for that day’s sessions only). Sessions scheduled to be part of the OnDemand package are noted with in the Final Program but are subject to change. Recordings will be available in mid-June through December 31, 2024. Credit is available for viewing the recordings. Once available, you will receive an email with access and detailed credit instructions.

Speaker Ready Room
B 240
Friday, May 17 ..........................5:15 p.m.–7:00 p.m.
Saturday – Sunday, May 18-19 .........7:00 a.m.–5:30 p.m.
Monday, May 20 ..........................8:00 a.m.–4:00 p.m.
Tuesday, May 21...........................7:00 a.m.–5:15 p.m.
Wednesday, May 22................... 8:00 a.m.–3:00 p.m.
Thursday, May 23 ........................7:00 a.m.–5:00 p.m.

With the exception of PDC instructors, presentation upload is mandatory at least 60 minutes prior to the start of the session.
General Information

Going GREEN!
To help reduce waste and AIHA Connect’s footprint on the environment, AIHA and our suppliers have partnered on the following initiatives:

- Transitioning the printed Advance Program and Final Program to fully digital, eliminating paper product, fuel, and emissions used to transport programs via mail.
- Reducing the Final Program page count by listing session descriptions and exhibitor company addresses and descriptions online.
- Ticketless registration.
- Digital Pathway Passport game found in the mobile app/virtual platform.
- Digital signage outside meeting rooms and for directions.
- Badges made from recycled materials, which can also be recycled.
- Banners and signs made of eco-board.
- Recycle stations for paper, cans and bottles, badges/lanyards (NEW!), and other items located throughout the GCCC meeting space.
- Water bottle refill stations located near restrooms throughout the GCCC.

The GCCC North Building has been awarded the LEED Silver Certification by the U.S. Green Building Council.

Levy Catering offers biodegradable disposable service ware and kegged coffee (versus brewed) and sources locally to reduce impacts of transportation and fuel emission while also supporting small businesses and the local economy.

To help us “green” the conference, we encourage you to:
- Go digital (rather than print). Download any presentations and handouts. Take notes digitally.
- Consider donating to a carbon offset program of your choice (or your company’s) to balance your AIHA Connect carbon footprint.
- Use public transportation or ride share.
- Recycle your paper, plastic, and glass in the receptacles provided throughout the convention center.
- Recycle your name badge and lanyard at the end of the conference.
- Bring a reusable water bottle to refill at water stations throughout the convention center.

Schedule Changes
The AIHA Connect 2024 schedule is correct at the time of publication. AIHA Connect reserves the right to change or cancel sessions, presentations, or speakers without notice due to circumstances beyond its control. For the most up-to-date schedule, check the mobile app/virtual platform.

WIFI
Wireless Internet access is available throughout the GCCC.
Network: AIHAConnect
Passcode: iamOEHS!
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Booth #303

SENSIDYNE®
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Special Events

First-Timers’ Meet & Greet
Monday, May 20 | 6:30 a.m.
Hilton | Aminah Robinson C
Network, get tips from seasoned pros, and plot your evening activities at the First-Timers’ Meet and Greet!
Sponsored by

Nexus Lounge for Students and Early Career Professionals
Monday, May 20 | 10:00 a.m.–4:00 p.m.
Tuesday, May 21 | 9:00 a.m.–3:30 p.m.
Wednesday, May 22 | 9:00 a.m.–1:00 p.m.
GCCC | Exhibit Hall AB, 1300 Aisle
The Nexus Lounge is the go-to destination for students and early career professionals to network, recharge, and learn how to get involved with the OEHS community. Enjoy our “Lessons in Leadership” series featuring opening keynote, Dr. Sammy Ramsey; closing keynote, Dr. Helena Boschi; AIHA award winners, and other OEHS leaders.
Sponsored by

Education Pop-Up Sessions
Monday, May 20–Wednesday, May 22
Times noted throughout program
GCCC | Exhibit Hall AB, 1300 Aisle
These interactive 25-minute sessions deliver timely information on issues affecting OEHS professionals today.
Sponsored by
Health & Wellness Activities
Monday, May 20–Wednesday, May 22
Times noted throughout program
GCCC | B 130
Take some time for self-care with interactive, 25-minute sessions on healthy eating, reducing stress, and more. Take this time to reset and replenish your energy.

Hilton | John Christie
Morning yoga is offered Monday, May 20 and Wednesday, May 22 from 6:30 a.m.-7:15 a.m. Evening yoga is offered Tuesday, May 21 from 6:30 p.m.-7:15 p.m. All levels are welcome.

38th Annual AIHF Fun Run/Walk
Tuesday, May 21 | 6:30 a.m.–8:00 a.m.
Lace up your shoes and get ready to run 5K or walk 2K in support of future OEHS professionals through your donation to the AIHF Foundation. Sleep-in donations are also welcome!

All participants (individual runners, team runners, and sleep-in entries) must check-in at the Fun Run desk (Registration, Lower Level, GCCC). Hours: Sunday, 12:30 p.m.–3:30 p.m. and Monday, 9:00 a.m.–5:00 p.m.
Special Events

Expo Hall Networking Reception
Monday, May 20 | 4:30 p.m.–5:30 p.m.
Exhibit Hall AB
Link up with friends and start your first night right with this annual networking tradition! Hors d’oeuvres will be served, and you’ll receive one drink ticket with your registration.

Learning Pavilions
Monday, May 20–Tuesday, May 21
Times noted throughout program
B 246
Looking for even more educational content? Grab a refreshment and join us for these sponsored sessions addressing timely topics within OEHS.

Innovation Stations
Monday, May 20–Wednesday, May 22
Times noted throughout program
Exhibit Hall AB, 200 Aisle
Bring new innovations back to your team with these short, impactful 25-minute presentations From our exhibitor partners. You’ll learn about new equipment, instrumentation, technology, services, and more!

What Does Connect Mean to You?
Participate in our interactive Connect wall to record what AIHA Connect means to you. Consider words that begin with the letters in Connect (camaraderie, colleagues, opportunities, networking, education, technology) or phrases of how the conference or specific attendees have impacted you and your OEHS career.

Stop by daily for inspiration throughout the conference.

We will document the final thoughts for AIHA Connect posterity.
**Special Events**

**CONNECTzone Pathway Game**
*Virtual players participate via the Virtual Event Platform.*

Introducing the CONNECTzone, where both in-person and virtual attendees can compete for prizes by earning points throughout the conference.

Download the Mobile App/Virtual Platform to access the list of pointable activities such as visiting the sponsors along the Pathway, attending Innovation Station sessions, answering trivia questions, and more. Pathway sponsors award 10,000 points each!

**CONNECTzone Photo Booth**
Take a photo in the CONNECTzone to help us create an artwork documenting AIHA Connect 2024. You may submit one photo to the app, which will be uploaded to a live Mosaic displayed in the App and on a monitor outside the Exhibit Hall. Watch AIHA Connect 2024’s art come to life... and be part of it!

The top four in-person players each win a $500 American Express Gift card, and the top two virtual players win a $250 gift card.

**CONNECTzone Pathway Sponsors**
Booth #
- 627 AIHA
- 308 Bullard
- 515 CIH Equipment Company
- 1114 DuPont Personal Protection
- 611 Kinetics Noise Control
- 906 KPA LLC
- 933 S.E. International
- 503 TSI/Casella
- 415 VelocityEHS

Game begins at 9:30 a.m. on Monday, May 20 and ends at 1:00 p.m. on Wednesday, May 22. To view rules, eligibility, and player standings, visit the CONNECTzone section of the Mobile App/Virtual Platform.

*Attendees with full conference badges qualify for prizes. AIHA staff and exhibitors are not eligible. See the App/Virtual Platform for more information and rules.*
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The AIHA® Fellows and AIHA Named Awards

2024 AIHA Fellows

The AIHA Fellow designation recognizes AIHA members in good standing with 15 years of continuous Full membership who have made recognized contributions to industrial hygiene or related disciplines, either through research, leadership, publications, education, or service to AIHA. Fellows are nominated by an AIHA local section, special interest group, committee, or peers. The Fellow designation is limited to no more than five percent of the membership.

Stacy R. Barnett, FAIHA
Nominated by Andrew Anthony Havics, CIH, PE, FAIHA

A dedicated professional, Stacy R. Barnett has made significant contributions to industrial hygiene, particularly in policy development and technical leadership. Notably, she played a pivotal role in advocating for IH title protection through the Indiana legislature and has moderated roundtable discussions at AIHA Connect (formerly AIHce) events, addressing critical issues such as “Medical Marijuana in the Workplace” and “Methamphetamine Labs: Current Issues.” Barnett’s commitment extends to her involvement in leadership positions within AIHA sections and committees, including serving as Former Secretary, Chair of the Scholarship Committee, and Co-Chair of the Government Affairs Committee at the AIHA Indiana Section. She has also been actively engaged in the AIHA Pacific Northwest Section and contributed to organizing local events. Moreover, Barnett has demonstrated her expertise in technical matters as the Publications Coordinator for the AIHA WEEL Committee, and her contributions to publications and presentations have provided valuable insights into various topics pertinent to industrial hygiene.

Her dedication to advancing the field is further exemplified by her direct contributions to AIHA through leadership roles, event organization, and knowledge dissemination.

Celia A. Booth, CIH, CSP, FAIHA
Nominated by Joy Erdman, MS, CIH, CSP, FAIHA

Celia A. Booth is a distinguished professional with a diverse background encompassing expertise in industrial hygiene, safety management, risk assessment, and policy development. With a strong educational foundation, including a Bachelor of Science (BS) and Master of Arts (MA) in Biology, Booth has made significant contributions across multiple domains. Notable among these are her roles as primary editor and chapter author for the IH Performance Metrics Manual, 2nd Edition, her tenure as a senior researcher and analyst at McCaffery and Associates focusing on asbestos exposure and anthrax spore destruction post-9/11, and her leadership as Director of Risk Management for Gannett Company Inc., where she developed innovative safety policies and strategies. Booth’s technical, scientific, and management leadership is evidenced by her work as an independent practitioner, FEMA Reservist, and Vice President of McCaffery and Associates. She has also made exemplary contributions to education and leadership initiatives, including presenting educational sessions and webinars on ethics and leadership for various organizations. Within AIHA, Booth has held multiple leadership roles and made significant contributions to committees and sections, further demonstrating her dedication to advancing the field of industrial hygiene.
Michael J. Brisson, MS, PMP, FASTM, FAIHA
Nominated by Steven D. Jahn, MBA, CIH, FAIHA

Michael J. Brisson emerges as a distinguished figure in the realm of industrial hygiene, showcasing a wealth of expertise and contributions across various spheres. Brisson’s qualifications include an MS (Master of Science), PMP (Project Management Professional), and FASTM (Fellow of ASTM International). Notably, Brisson co-developed the NIST Standard Reference Materials (SRMs) 1877 and 31052, demonstrating a commitment to advancing analytical methodologies. Engaged in policy development, Brisson has led the development and updating of numerous ASTM standards related to sample collection and analysis, particularly focusing on metals. His leadership extends to the formulation of technical standards under both ASTM and ISO, including international consensus standards related to workplace air quality and determination of metals and metalloids. Serving as Past Chair (2014-2019) of ASTM Committee D22.04 Workplace Air Quality, Brisson has been instrumental in advancing standard practices for sampling and analysis of metals. Noteworthy contributions include leading the effort for an accreditation program for field deployable beryllium detection, resulting in ASTM D7458 Standard Test Method for Determination of Beryllium in Soil and Sediment. Brisson’s direct contributions to AIHA are significant; he served on the AIHA Laboratory Accreditation Programs, LLC Technical Advisory Panel for six years, chaired the AIHA Sampling and Laboratory Analysis Committee, and led the AIHA-ASTM (D22.01) Task Group on Air Quality Measurements in Response to Emergency Incidents. Engaged in educational endeavors, Brisson has prepared and delivered educational sessions at AIHA Connect (formerly AIHce) and ACGIH webinars, focusing on beryllium and other analytical chemistry topics, showcasing a commitment to knowledge dissemination and professional development within the industry.

Kent A. Candee, CIH, CSP, CPCU, ARM, FAIHA
Nominated by Kevin Mahoney, Jr., CIH, CSP, CHMM

Kent A. Candee emerges as a leading figure in industrial hygiene, showcasing a wealth of expertise and contributions across diverse domains. Notably, Candee co-authored the pivotal Competency Framework “Understanding and Applying ARECC to Occupational and Environmental Health and Safety,” a seminal publication released by AIHA in 2023. Engaging actively in standards development, Candee spearheads the joint AIHA and ACGIH Improving Exposure Judgment Advisory Group and plays a pivotal role in orchestrating policy procedures at Los Alamos National Laboratory (LANL), particularly in domains such as worker exposure assessment and the management of oxygen deficiency hazards, silica, and indoor air quality. Candee’s practical contributions include developing MS Excel spreadsheets tailored to guide exposure assessments and creating the Exposure Characterization Strategy, a prioritization system for hazard identification. Engaged in educational pursuits, Candee shares insights at conferences, seminars, and instructional courses, such as the CIH Review Course and AIHA Connect 2024 PDC 103, offering invaluable guidance for implementing exposure assessment systems. Professionally, Candee’s...
The AIHA® Fellows and AIHA Named Awards

involvement in AIHA committees, leadership roles in local chapters, and contributions to standards development underscore a commitment to advancing the field of industrial hygiene. Through his multifaceted engagement and exemplary contributions, Candee continues to shape and elevate occupational health and safety practices, leaving a lasting impact on the industry.

Scott Dotson, PhD, CIH, DABT, FAIHA
Nominated by Jennifer Sahmel, PhD, CIH, CSP, FAIHA

Scott Dotson emerges as a distinguished leader in occupational health and safety, showing a remarkable blend of expertise and contributions across various domains. With designations including PhD, CIH, and DABT, Dotson’s credentials underscore his extensive knowledge and proficiency. His contributions to original research and invention are noteworthy, having authored or contributed to numerous peer-reviewed publications and technical reports, particularly focusing on occupational health and safety issues and technical research to support policy at the national level during his tenure at the National Institute for Occupational Safety and Health (NIOSH). Dotson’s involvement in policy areas spans over a decade, with active contributions to the development of NIOSH Skin Notations and recommended standards for various chemicals. He remains actively engaged in committees and working groups related to risk assessment, exposure assessment strategies, and toxicology at AIHA, showcasing a commitment to advancing best practices in the field. Dotson’s leadership is evident through his roles as a teacher of Professional Development Courses (PDCs) in risk assessment for AIHA and his tenure as the chair of the AIHA Risk Committee, where he served twice and was a member for over 10 years. His exemplary contributions have earned him recognition, including the ABIH Impact Award in 2018 and the Federal Service Excellence Award in 2014. Dotson’s direct contributions to AIHA are significant, having served as chair of the Risk Committee and actively participating in various other committees and working groups. Through his multifaceted engagement and tireless dedication, Dotson continues to shape and elevate occupational health and safety practices, leaving a lasting impact on the industry and the community at large.

Randal J. Keller, CIH, CSP (retired), DABT, FAIHA
Nominated by Alice Greife, PhD, CIH, FAIHA and John Zey, EdD, CIH, FAIHA

Randal J. Keller is a distinguished leader in industrial hygiene and occupational health and safety, renowned for his extensive expertise and contributions across various domains. With a remarkable career spanning original research, policy engagement, and leadership roles, Keller has made significant impacts in the field. His work encompasses authoring or co-authoring numerous publications and presentations, many of which have profoundly influenced workers’ health. Keller’s involvement in policy areas extends to prestigious appointments, including serving on the National Academies and advising organizations such as the Defense Threat Reduction
The AIHA® Fellows and AIHA Named Awards

Agency and Environmental Protection Agency. He has demonstrated technical, scientific, and management leadership through various roles, including leading committees for national organizations and serving as the Past President of the Arkansas Section of the American Industrial Hygiene Association. Keller’s commitment to education is evident through his extensive tenure as a professor and contributions to AIHA publications. He has received numerous awards and honors for his outstanding contributions to the field. Keller’s direct contributions to AIHA are significant, with involvement in various committees and leadership roles, including serving as Chair of the AIHA Foundation Scholarship Committee since 2022, reflecting his dedication to shaping the future of the profession.

Claudiu Lungu, PhD, FAIHA
Nominated by Jonghwa Oh
Claudiu T. Lungu, a distinguished figure in occupational health and safety, brings extensive expertise and contributions to the field. As a Professor of Environmental Health Sciences at the University of Alabama at Birmingham (UAB), Lungu has amassed a notable publication record with over 50 peer-reviewed manuscripts, establishing himself as a senior author in the majority of these articles. His research contributions span various prestigious journals, including the Journal of Occupational and Environmental Hygiene and the International Journal of Environmental Research and Public Health. Beyond his scholarly pursuits, Lungu’s leadership shines through his role as the Director of the Deep South Center for Occupational Health and Safety, a NIOSH-funded education and research center. Serving in this capacity for over a decade, Lungu has demonstrated exceptional leadership skills, effectively managed the complex interdisciplinary nature of the center and provided guidance and support to staff and junior faculty. Lungu’s dedication to education is equally commendable, having educated hundreds of graduate students in occupational and environmental health sciences over the past 25 years. His teaching portfolio includes core industrial hygiene courses and specialized lectures on topics such as environmental sampling and analysis and radiation safety. Additionally, Lungu’s commitment to professional service is evident through his involvement in various AIHA committees, including serving as president and treasurer of the Alabama AIHA Local Section and chairing the Ionizing Radiation Committee. Lungu’s exemplary contributions to research, education, and professional service underscore his significant impact on occupational health and safety.

Robert (Bob) A. Nocco, DABT, CIH, CSP, CFPS, RRPT, FAIHA
Nominated by Andrew Anthony Havics, CIH, PE, FAIHA
Robert A. (Bob) Nocco is a distinguished figure in occupational safety and health, renowned for his extensive contributions to the field. With expertise spanning various committees and panels, including the U.S. Coast Guard and the American Public Health Association, Nocco is committed to advancing occupational safety policies. His work in policy areas extends to membership in numerous committees and organizations, such as the NIOSH
National Occupational Research Agenda (NORA) and the National STEPS Network. Nocco's leadership roles in technical, scientific, and management domains include involvement in standards-setting organizations like ASTM and NFPA, as well as chairing AIHA committees. His exemplary contributions encompass teaching and professional development efforts, where he imparts knowledge on toxicology, exposure assessment, and risk management. Nocco's direct contributions to AIHA are extensive, including presentations at conferences and active participation in committees and working groups. His dedication to the field is evident through his long-standing membership in AIHA and regular attendance at conferences since 1986, demonstrating his unwavering commitment to advancing occupational safety and health practices.

2024 AIHA Named Award Recipients
AIHA values the profession and our members by providing opportunities and resources to share their work and recognize those who exemplify excellence and leadership. AIHA Named Awards are given to industrial hygienists and other occupational and environmental health and safety professionals whose efforts significantly strengthen IH/OEHS professionals’ capabilities and improve the health and safety of workers around the world.

President’s Award for Distinguished Service to AIHA Award
This year’s President’s Award is presented to the primary authors of the Hierarchy of Controls Task Team who discussed, created, and published the AIHA White Paper “Hierarchy of Controls.” Members of the team include Nancy E. Johnson, DrPH, MSPH, CIH, Project Chair; David S. Abrams, CIH, MSPH, FAIHA; Alexander T. Brown, CIH, CSP, MSPH; Cheryl L. Marcham, PhD, CIH, CSP, CHMM, FAIHA; Georgi Popov, PhD, QEP, CSP, ARM, SMS, CMC, FAIHA; Ashwani Shukla, CIH, CSP, SMS. Acknowledgment also goes to AIHA’s staff liaison Erin McHale, who kept meticulous track of all assignments, comments, and changes to the many drafts. AIHA’s President, Dina Siegel, gives special appreciation to the 15 additional contributors, guest speakers, and reviewers for their involvement and gratitude to AIHA’s Social Concerns Committee for sponsoring the White Paper.

Donald E. Cummings Memorial Award for Outstanding OEHS Practice
Steven Jahn MBA, CIH, FAIHA Nominated by Celia A. Booth, CIH, CSP; William J. Mills, Jr., PhD, M. Sc. CIH, C.Chem., FAIHA; Emanuele Cauda, PhD; John A. Engel, CIH; Peter Ficzycz, CIH; Robert E. Henderson; James D. McGlothlin, MPH, Ph.D., CPE, FAIHA Jahn’s leadership in designing and developing the influential 2023 AIHA white paper, Establishing a Process for the Setting of Real-Time Detection System Alarms, significantly impacted OEHS professionals worldwide. Moreover, his organization of professional roundtables, educational sessions, and development courses at AIHce events, along with his role as Secretary for the RTDSC, reflects his dedication to advancing the profession. His initiative in spearheading special topic issues and providing invaluable contributions to various AIHA committees demonstrates his strong leadership and dedication. This award recognizes individuals who make outstanding contributions to the knowledge and practice of the OEHS profession through demonstrating practical application of OEHS knowledge, advancing the practice of
The AIHA® Fellows and AIHA Named Awards

Total Worker Health, expanding the profession through active collaboration via alliances and partnerships, and creating tools applicable beyond the OEHS profession.

Kusnetz Award for Outstanding Achievement by an Early Career Professional

Benjamin Roberts, PhD, CIH
Nominated by Anders Abelmann, MS, PhD, CIH and Jennifer Pierce

As a Certified Industrial Hygienist and Supervising Risk Scientist at Benchmark Risk Group, Dr. Roberts has showcased remarkable dedication and expertise. His extensive publication record, including 22 peer-reviewed articles since 2016 and technical reports for prestigious organizations like the World Health Organization and AIHA, demonstrates his commitment to advancing the field. Dr. Roberts’ research focus on evaluating noise exposure has led to significant insights and practical implications for worker protection. In addition to his research, Dr. Roberts has played an active role in AIHA, serving on the Noise Committee and representing the organization on councils such as the NIOSH NORA Hearing Loss Prevention Cross-Section Council. He is also a passionate educator, mentoring colleagues and delivering impactful presentations at scientific conferences.

This award honors an industrial hygienist under the age of 40 and currently employed in the private sector who shows promise for leadership in the profession. The Kusnetz Award is sponsored by Florence Kusnetz.

Yant Award for Outstanding International Service

Laurence Svirchev, MA, BSc, CIH
Nominated by Bobby Sidhu, MsC

Svirchev’s participation in the International Affairs Committee (IAC) has been instrumental in promoting international Industrial Hygiene (IH) practices within the BC community. His annual guest lectures at Occupational Health and Safety (OHS) program Hygiene classes, particularly at the British Columbia Institute of Technology, have facilitated the transition of international students into the industry. Moreover, his efforts in connecting BC Yukon Chapter members with OEHS professionals internationally, encouraging their participation in AIHA National events and the IOHA conference, have fostered valuable international collaborations. He also serves as a crucial liaison between the chapter executive and the AIHA National CEO, strengthening ties within the international community. This award recognizes outstanding contributions in OEHS or allied fields through academic research, teaching/education, and/or professional practice to professional societies reflective of a global perspective.
AIHA® Volunteer Groups Named Awards

Fellows SIG Mid-Year Career Award
The Fellows SIG awards this honor to an industrial hygienist with 10 to 25 years of industrial hygiene work experience who exhibits outstanding leadership and/or technical capabilities, has worked as a volunteer for AIHA committees, project task forces and/or SIGs, and has exhibited a commitment to contribute to the industrial hygiene profession throughout their career. This year’s recipient is Chandra Deeds Gioiello, CIH.

Rochelle Crew Memorial Award
Presented by the Construction Committee, the Rochelle Crew Memorial Award honors the best construction-related paper, education session, or PDC presentation at the previous year’s AIHA Connect. It commemorates Rochelle Crew’s dedication to construction safety. This year’s recipient is Spencer Pizzani, CIH for Five Common Difficulties in Real Time Detection System Implementation.

Health and Safety Virtual Exhibit of the Year Award
This award, presented by the Museum and Cultural Heritage Working Group, recognizes a Virtual Exhibit and its sponsoring organization for excellence in communicating risk control challenges related to worker and/or public health and safety. This year’s recipient is Stephen Sherry, PhD for the NLM Virtual Exhibit, This Lead is Killing Us: A History of Citizens Fighting Lead Poisoning in Their Communities, which highlights past and ongoing efforts to prevent lead exposure in workplaces, from take-home exposure, dumping, and lead pipes.

Donna Doganiero Award
Presented by the Safety Committee, the Donna Doganiero Award recognizes exceptional contributions to safety education. It honors Donna Doganiero, CIH, FAIHA, for her outstanding achievements in the field of industrial hygiene and safety. This year’s recipients are Charles Jenkins, CIH and Christopher Louis, PE, CSP, CHMM for Severe Injury, Illness, and Fatality Prevention Model.

Cultural Heritage Health and Safety Advocate Award
This award, presented by the Museum and Cultural Heritage Working Group, honors individuals who have significantly impacted occupational health and safety within the cultural heritage industry. This year’s recipient is Monona Rossol for significant dedication to enhancing health and safety practices within the cultural heritage industry, positively impacting cultural heritage and art professions.
Joselito Ignacio OEHS Emergency Preparedness and Response Award

This award, presented by The Incident Preparedness and Response Working Group, celebrates outstanding contributions to occupational and environmental health and safety (OEHS) emergency preparedness and response efforts. This year’s recipient is John Wagle for Preparing for the Critical First Minutes of a Chemical Emergency.

Dr. Jack Driscoll Best Real-Time Detection Student Poster Award

Sponsored by the Real-Time Detection Systems Committee, this award recognizes the best student poster focusing on real-time detection at AIHA Connect. This year’s recipients are Nathan Chen, Seunghyeon Yang, and Jopnghwa Oh for Hand-arm Vibration (HAV) in US Groundskeepers.

Lila Albin Award

Since 1997, the Indoor Environmental Quality Committee has recognized a peer reviewed article in the Journal of Occupational and Environmental Health. This year’s recipients are Darpan Das, Kelsey R. Babik, Emma Moynihan, and Gurumurthy Ramachandran for Experimental studies of particle removal and probability of COVID-19 infection in passenger railcars, published in Volume 20, Number 1, 2 January 2023.

John M. White Award

Established by the Respiratory Protection Committee, this award encourages research excellence in respiratory protection. This year’s recipients are Margaret Sietsema, PhD, CIH, Hamed Hamza, PhD, and Lisa M. Brosseau, ScD, CIH for the study on Simulated workplace protection factor study of a quarter-facepiece elastomeric respirator.

2023 AIHA Bestseller

This award is presented to the editor(s) of a recent publication that sold the most copies during the year. The 2023 Bestseller Award is presented to Deanna K. Meinke, PhD, CCC-A; Elliott H. Berger, MS, FAIHA; Dennis P. Driscoll, PE, FAIHA; Richard L. Neitzel, PhD, CIH, FAIHA; and Kathryn Bright, PhD for The Noise Manual, 6th edition.
AIHA Volunteer Group Named Awards

2023 AIHA Critics’ Choice Award
The Critics’ Choice Award honors a publication completed in 2023. The Content Portfolio Advisory Group (CPAG) evaluates all applicable publications and selects one to recognize for its impact on the profession, originality, and quality of writing. This year’s recipient is Chris Keil, PhD, CIH for A Case-Based Introduction to Modeling Occupational Inhalation Exposures to Chemicals.

AIHA Volunteer Group Project Team Excellence Awards 2024
The Project Team Excellence Awards Program presents up to five awards annually, recognizing project teams from various volunteer groups, task forces, and advisory groups, whose work enhances visibility across AIHA’s five strategic domains.

Community—Nurturing a diverse and inclusive professional community”

International Affairs Committee — Chair Maharshi P. Mehta, CIH, CSP, FAIHA; Vice Chair Kyle L. Naylor, CIH, CSP, AEMT; Secretary Armando L. Chamorro, CIH; Past Chair Laurence Svirchev, MA, BSc, CIH; Past Chair. Yellow Color Council.

Advancement and Dissemination of Knowledge—Exploring, developing, and disseminating cutting-edge educational, technical, and career resources”

Museum and Cultural Heritage Industry Working Group—Chair Ralph A. Froehlich, MS, CIH, CSP, QEP, FAIHA; Vice Chair Kelsey Babik; Secretary Brandy L. Howard, PE, CIH, CSP; Secretary-Elect Jessica Ricchio, MS; Past Chair Jeffrey R. Sotek, CIH, CSP, PE; R&D Officer Mark D. Wilson, PhD. Blue Color Council.

Awareness—Promoting the practice of occupational and environmental health and safety (OEHS), increasing awareness of its value, and communicating AIHA’s mission, vision, and value proposition to attract new members”

Leadership and Management —Chair Steven D. Jahn, MBA, CIH, FAIHA; Vice Chair Racio T. Carter; Secretary Victoria Fulimeni, CIH, CSP; Secretary-Elect Eltaneice V. Bolden, CIH, CHMM; Past Chair Celia Booth CIH, CSP. Violet Color Council.

Integrity of Professional Practice—Identifying, developing, continuously improving, and promoting excellence in occupational and environmental health and safety (OEHS) practices, implementing a continuous improvement strategy, and advancing competency in specialty areas through accreditation and proficiency programs.

Improving Exposure Judgement Advisory Group —Chair Kent A. Candee, MS, CIH, CSP, ARM, CPCU

Advocacy—Influencing actions of the public, government, and organizations, building awareness of the OEHS profession’s impact, and empowering AIHA members and the public to support public policy positions”

IAQ Task Force—Chair Martin Dehlinger

2023 AIHA Critics’ Choice Award

The Critics’ Choice Award honors a publication completed in 2023. The Content Portfolio Advisory Group (CPAG) evaluates all applicable publications and selects one to recognize for its impact on the profession, originality, and quality of writing. This year’s recipient is Chris Keil, PhD, CIH for A Case-Based Introduction to Modeling Occupational Inhalation Exposures to Chemicals.
AIHA Volunteer Groups/Committee Meetings

All volunteer group/committee meetings are held in the Hilton Columbus Downtown. Color indicates color council assignment.

<table>
<thead>
<tr>
<th>Board/Volunteer Group/Committee/Advisory Group</th>
<th>Day/Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Accreditation Panel</td>
<td>Tuesday, May 21</td>
<td>10:00 a.m.-12:15 p.m.</td>
<td>Roman Johnson Room</td>
</tr>
<tr>
<td>Aerosol Technology Committee</td>
<td>Monday, May 20</td>
<td>2:00 p.m.-3:30 p.m.</td>
<td>Roman Johnson Room</td>
</tr>
<tr>
<td>AIHA/ASHRAE Indoor Air Quality Task Force</td>
<td>Tuesday, May 21</td>
<td>10:00 a.m.-12:15 p.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>AIHA Fellows SIG</td>
<td>Monday, May 20</td>
<td>6:00 p.m.-8:00 p.m.</td>
<td>Pheoris West A</td>
</tr>
<tr>
<td>AIHA Finance Committee Meeting (by invitation only)</td>
<td>Monday, May 20</td>
<td>3:00 p.m.-4:00 p.m.</td>
<td>Charles Massey A</td>
</tr>
<tr>
<td>Biological Monitoring Committee</td>
<td>Tuesday, May 21</td>
<td>4:00 p.m.-5:00 p.m.</td>
<td>Charlie Owen Room</td>
</tr>
<tr>
<td>Cannabis Industry Health and Safety Committee</td>
<td>Sunday, May 19</td>
<td>6:00 p.m.-8:00 p.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Career and Employment Services Committee</td>
<td>Wednesday, May 22</td>
<td>5:00 p.m.-7:00 p.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Conference Program Committee Luncheon (by invitation only)</td>
<td>Wednesday, May 22</td>
<td>12:00 p.m.-2:00 p.m.</td>
<td>Charles Massey A</td>
</tr>
<tr>
<td>Confined Spaces Committee</td>
<td>Monday, May 20</td>
<td>5:45 p.m.-6:45 p.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Construction Committee</td>
<td>Tuesday, May 21</td>
<td>8:00 a.m.-9:00 a.m.</td>
<td>Charlie Owen Room</td>
</tr>
<tr>
<td>Continuing Education Committee (CEC)</td>
<td>Monday, May 20</td>
<td>4:00 p.m.-5:30 p.m.</td>
<td>Charles Massey C</td>
</tr>
<tr>
<td>Dermal and Surface Sampling Working Group</td>
<td>Monday, May 20</td>
<td>2:00 p.m.-4:00 p.m.</td>
<td>Pheoris West C</td>
</tr>
<tr>
<td>Emerging Digital Technologies Committee</td>
<td>Tuesday, May 21</td>
<td>5:45 p.m.-6:45 p.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Emerging Economy Microgrant Advisory Group</td>
<td>Wednesday, May 22</td>
<td>8:00 a.m.-10:00 a.m.</td>
<td>Charlie Owen Room</td>
</tr>
<tr>
<td>Ergonomics Committee</td>
<td>Monday, May 20</td>
<td>6:00 p.m.-7:00 p.m.</td>
<td>Pheoris West B</td>
</tr>
<tr>
<td>Exposure and Control Banding Committee</td>
<td>Tuesday, May 21</td>
<td>7:00 a.m.-8:30 a.m.</td>
<td>Roman Johnson Room</td>
</tr>
<tr>
<td>Exposure Assessment Strategies Committee</td>
<td>Tuesday, May 21</td>
<td>4:00 p.m.-6:00 p.m.</td>
<td>Alfred Tibor Room</td>
</tr>
<tr>
<td>Human Capital/ESG Task Force</td>
<td>Tuesday, May 21</td>
<td>8:00 a.m.-9:00 a.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Incident Preparedness Working Group</td>
<td>Sunday, May 19</td>
<td>5:00 p.m.-6:00 p.m.</td>
<td>Charles Massey A</td>
</tr>
<tr>
<td>Indoor Environmental Quality Committee</td>
<td>Monday, May 20</td>
<td>5:30 p.m.-7:00 p.m.</td>
<td>Roman Johnson Room</td>
</tr>
<tr>
<td>International Affairs Working Group</td>
<td>Monday, May 20</td>
<td>10:00 a.m.-12:15 p.m.</td>
<td>Pheoris West A</td>
</tr>
<tr>
<td>Joint IH Ethics Education Committee</td>
<td>Tuesday, May 21</td>
<td>12:00 p.m.-1:00 p.m.</td>
<td>Alfred Tibor Room</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Board/Volunteer Group/Committee/Advisory Group</th>
<th>Day/Date</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joint Local Section and Student Local Section Business Meeting (Hosted by LSAG)</td>
<td>Tuesday, May 21</td>
<td>4:00 p.m.-5:30 p.m.</td>
<td>Pheoris West A</td>
</tr>
<tr>
<td>Laboratory Health and Safety Committee</td>
<td>Tuesday, May 21</td>
<td>3:00 p.m.-4:15 p.m.</td>
<td>Roman Johnson Room</td>
</tr>
<tr>
<td>Leadership and Management Committee</td>
<td>Monday, May 20</td>
<td>6:30 p.m.-8:00 p.m.</td>
<td>Alfred Tibor Room</td>
</tr>
<tr>
<td>Membership Advisory Group</td>
<td>Monday, May 20</td>
<td>10:00 a.m.-11:00 a.m.</td>
<td>Roman Johnson Room</td>
</tr>
<tr>
<td>Mining Working Group</td>
<td>Wednesday, May 22</td>
<td>6:00 a.m.-8:00 a.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Minority SIG</td>
<td>Wednesday, May 22</td>
<td>10:00 a.m.-11:00 a.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Museum and Cultural Heritage Industry Working Group</td>
<td>Sunday, May 19</td>
<td>4:00 p.m.-5:00 p.m.</td>
<td>Alfred Tibor Room</td>
</tr>
<tr>
<td>Noise Committee</td>
<td>Wednesday, May 22</td>
<td>1:00 p.m.-2:15 p.m.</td>
<td>Pheoris West A</td>
</tr>
<tr>
<td>Oil and Gas Working Group</td>
<td>Sunday, May 19</td>
<td>5:15 p.m.-7:15 p.m.</td>
<td>Charlie Owen Room</td>
</tr>
<tr>
<td>Opioids Working Group</td>
<td>Monday, May 20</td>
<td>8:00 a.m.-7:30 p.m.</td>
<td>Charlie Owen Room</td>
</tr>
<tr>
<td>PSHIDE SIG</td>
<td>Tuesday, May 21</td>
<td>5:00 p.m.-7:00 p.m.</td>
<td>Roman Johnson Room</td>
</tr>
<tr>
<td>Protective Clothing and Equipment Committee</td>
<td>Tuesday, May 21</td>
<td>2:00 p.m.-4:15 p.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Real-Time Detection Systems Committee</td>
<td>Monday, May 20</td>
<td>3:00 p.m.-5:00 p.m.</td>
<td>Alfred Tibor Room</td>
</tr>
<tr>
<td>Respiratory Protection Committee</td>
<td>Monday, May 20</td>
<td>10:00 a.m.-12:00 p.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Risk Committee Meeting</td>
<td>Tuesday, May 21</td>
<td>6:00 p.m.-7:00 p.m.</td>
<td>Charlie Owen Room</td>
</tr>
<tr>
<td>Social Concerns Committee</td>
<td>Tuesday, May 21</td>
<td>7:00 a.m.-8:00 a.m.</td>
<td>Charles Massey A</td>
</tr>
<tr>
<td>Stewardship and Sustainability Committee</td>
<td>Wednesday, May 22</td>
<td>8:00 a.m.-9:00 a.m.</td>
<td>Alfred Tibor Room</td>
</tr>
<tr>
<td>Thermal Stress Working Group</td>
<td>Sunday, May 19</td>
<td>2:00 a.m.-3:30 p.m.</td>
<td>Charles Massey B</td>
</tr>
<tr>
<td>Toxicology Committee</td>
<td>Sunday, May 19</td>
<td>8:00 a.m.-7:00 p.m.</td>
<td>Alfred Tibor Room</td>
</tr>
<tr>
<td>TSCA Task Force</td>
<td>Tuesday, May 21</td>
<td>6:30 p.m.-7:30 p.m.</td>
<td>Charles Massey A</td>
</tr>
<tr>
<td>Women in IH Committee</td>
<td>Sunday, May 19</td>
<td>5:00 p.m.-6:00 p.m.</td>
<td>Pheoris West A</td>
</tr>
</tbody>
</table>

All times listed are Eastern.
Visit AIHA’s Resource Center in the Expo!

**STOCK UP...**
on the latest releases from our bookstore and take advantage of special conference pricing

**LEARN...**
more about AIHA’s latest initiatives presented by volunteers at the Main Stage

**RELAX AND NETWORK...**
with your colleagues while you review notes from sessions, plan your schedule, or catch up on emails

Booth 627
At A Glance

Friday, May 17

5:00 p.m.–7:00 p.m.
• Registration, A 110
5:15 p.m.–7:00 p.m.
• Speaker Ready Room Open, B 240

Saturday, May 18

6:30 a.m.–5:30 p.m.
• Registration, A 110
7:00 a.m.–7:30 a.m.
• PDC Monitor Meeting, B 240
7:00 a.m.–5:30 p.m.
• Speaker Ready Room Open, B 240
8:00 a.m.–5:00 p.m.
• PDC 101: Managing IH Data the Smart and Easy Way, A 210
• PDC 103: A Detailed Approach for Implementing an Exposure Assessment System - NEW!, A 125
• PDC 104: Perspectives in Environmental Microbiology Consulting - NEW!, C 122
• PDC 106: Strategies for the Prevention of Occupational Allergy and Asthma, A 223
• PDC 107: Industrial Hygiene Risk Assessment, B 233
• PDC 108: A Gentle Approach to Radio Frequency for IHs, A 213
• PDC 109: Risk Communication for OEHS Professionals, A 220
• PDC 110: Law and the IH, C 160
• PDC 201: An Introduction to Harmful Algal Blooms for IHs - NEW!, D 283
• PDC 202: Professional Ethics and Principles of Good Practice - NEW!, C 150
• PDC 203: Considerations for Occupational Risk Assessment for DART - NEW!, A 115

10:00 a.m.–10:30 a.m.
• Saturday AM PDCs Refreshment Break, Union Station AB
Noon–1:00 p.m.
• PDC Luncheon, Union Station AB
1:00 p.m.–5:00 p.m.
• PDC 301: Health Hazards and Assessment of Biological and Non-Biological Airborne Nanoparticles - NEW!, A 115
• PDC 302: Understanding ESG, Human Capital, and Total Worker Health® Metrics Performance - NEW!, C 170
• PDC 303: Understanding Threats to Hearing Beyond Noise From Otoxicants Exposure - NEW!, C 150
• PDC 305: Direct Reading Instruments for Students and Young Professionals - NEW!, D 283
3:00 p.m.–3:30 p.m.
• Saturday PM PDCs Refreshment Break, Union Station AB
## At A Glance

**Sunday, May 19**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 a.m.–7:00 p.m.</td>
<td>• Registration, A 110</td>
</tr>
<tr>
<td>7:00 a.m.–7:30 a.m.</td>
<td>• PDC Monitor Meeting, B 240</td>
</tr>
<tr>
<td>7:00 a.m.–5:30 p.m.</td>
<td>• Speaker Ready Room Open, B 240</td>
</tr>
<tr>
<td>8:00 a.m.–Noon</td>
<td>• PDC 502: Smart Devices and the EHS Professional, A 115</td>
</tr>
<tr>
<td>8:00 a.m.–5:00 p.m.</td>
<td>• PDC 503: Naturally Occurring Radiation Overview and Current Trends - NEW!, B 230</td>
</tr>
<tr>
<td>10:00 a.m.–10:30 a.m.</td>
<td>• Sunday AM PDCs Refreshment Break, Union Station AB</td>
</tr>
<tr>
<td>12:00 p.m.–1:00 p.m.</td>
<td>• PDC Luncheon, Union Station AB</td>
</tr>
<tr>
<td>12:30 p.m.–3:30 p.m.</td>
<td>• AIHF’s 38th Annual Fun Run/Walk Registration Open, A 110</td>
</tr>
<tr>
<td>1:00 p.m.–5:00 p.m.</td>
<td>• PDC 601: Role of OEHS Professionals in Nuclear Explosions - NEW!, B 230</td>
</tr>
<tr>
<td>1:00 p.m.–5:00 p.m.</td>
<td>• PDC 602: State-of-the-Art Modeling Using IH Mod 2.0 With Monte Carlo Simulation, C 150</td>
</tr>
<tr>
<td>3:00 p.m.–3:30 p.m.</td>
<td>• Sunday PM PDCs Refreshment Break, Union Station AB</td>
</tr>
<tr>
<td>5:30 p.m.–7:30 p.m.</td>
<td>• ISS Annual Forum and Reception (by invitation only), Hilton, Pheoris West C</td>
</tr>
<tr>
<td>6:00 p.m.–7:30 p.m.</td>
<td>• AIHF Donor and Scholarship Recipient Reception (by invitation only), Hilton, Stories on High</td>
</tr>
</tbody>
</table>

Sessions marked with 🎮 will be broadcast for Virtual AIHA CONNECT.

Sessions marked with 🌟 are included in OnDemand. Sessions, schedule, and inclusion in OnDemand are subject to change.

Full session descriptions may be found in the mobile app. Events take place at the Greater Columbus Convention Center unless otherwise noted.

See the full list of Volunteer Groups/Committee meetings on p. 22.
At A Glance

Monday, May 20

6:30 a.m.-7:15 a.m.
• Namaste With AIHA, Hilton, John Christie
6:30 a.m.-7:30 a.m.
• First-Timers’ Meet and Greet, Hilton, Aminah Robinson C

9:00 a.m.-4:00 p.m.
• Career Advantage Job Fair Open, B 140
  - 9:00 a.m.-Noon – Career Advantage Fair Resume Critiquing
  - 1:00 p.m.-2:00 p.m. - Career Advantage Fair Resume Critiquing

7:00 a.m.–5:30 p.m.
• Registration Open, A 110
8:00 a.m.–4:00 p.m.
• Speaker Ready Room Open, B 240

9:00 a.m.-4:00 p.m.
• AIHF’s 38th Annual Fun Run/Walk Registration Open, Lower Level
9:30 a.m.–5:30 p.m.
• Exhibit Hall Open, Exhibit Hall AB
  - 9:30 a.m.–10:30 a.m.: Exhibit Hall Networking Break
  - 10:00 a.m.–4:00 p.m.: Nexus Lounge (for Students and Early Career Professionals), Aisle T300

9:00 a.m.-5:00 p.m.
• AIHA Main Stage Presentations, AIHA Booth 627
  - 9:45 a.m.–10:15 a.m.: IHSTAT_Bayes™ Tool Demo
  - 10:15 a.m.–10:45 a.m.: OEHS Management Metrics Selection and Application
  - 10:45 a.m.–11:15 a.m.: Applying the SDM2.0 in the Field
  - 11:15 a.m.–11:45 a.m.: Enterprise Risk Management–Strategic Framework

10:00 a.m.–11:00 a.m.
• A1: Research Roundup Chemical Hazards 1, A 122
• A2: Research Roundup Aerosols and Airborne Particulates 1, A 223
• A3: Confined Spaces Questions and Answers, A 213
• A4: Leverage Control Banding to the Hilt, A 210
• A5: Getting Started With a Total Worker Health® Approach, A 113
• A6: Electronic Cigarettes in the Indoor Environment, B 230
• A7: Practical Case Studies in Exposure Modeling, B 131
• A8: Ask the Expert With the Opening Keynote Speaker, Dr. Samuel Ramsey, A 220
• A9: Assessing Health Risks for the Legacy Asbestos, A 125
• A10: Panel Discussion: What Are Principles of Good Practice?, B 233
• A11: Performance Testing of Cordless Handheld Vacuum Cleaners, A 115

11:45 a.m.–12:15 p.m.: Commit to C.A.R.E 2.0–More Content, More Partners, and Challenges Beyond COVID-19
12:30 p.m.–1:30 p.m.: 2024 Prevention Through Design (PtD) Award Ceremony
1:45 p.m.–2:30 p.m.: How to Succeed in Your First Job
2:30 p.m.–3:15 p.m.: Be Connected–Getting the Most Out of Your Career
3:15 p.m.–3:45 p.m.: Dermal Risk Assessment Model (DRAM) Tool Demo
3:45 p.m.–4:15 p.m.: Change Champions–The Basics and Benefits of Change Management

8:00 a.m. –9:30 a.m.
• Opening General Session and Coffee, Battelle Grand

The Power of Peculiar Thinking: Problem-Solving Through Creativity and Ingenuity

Dr. Sammy Ramsey

Sponsored by SGS

GALSON

All times listed are Eastern.
At A Glance

Monday, May 20

10:00 a.m.–12:10 p.m.
• TT-05: BeneLeaves - Monday Tour, Bus Loop on the GCCC Connector

11:15 a.m.–12:15 p.m.
• B1: Research Roundup Climate Change Hazards and Risks 1, A 210
• B2: Research Roundup Hazard Recognition/Exposure Assessment 1, A 113
• B3: Lessons Learned From the Electric Utility Penstock Accident, A 223
• B4: Environmental Compliance Issues at a Large University, A 122
• B5: A Biomarker Analysis of Stress Levels in Remote and In-Office Workers, A 210
• B6: Unmasking the Myths of Success, B 230
• B7: Challenges of Investigating Smoke and Smells, A 213
• B8: NIOSH Special Topics: Low-Cost Dust Sensing Networks, B 233
• B9: Introduction to The Industrial Hygiene Data Standard, B 131
• B10: The History and Future of the Silica Control Tool, A 125
• B11: A Comparative Analysis of Linear Regression and Machine Learning Techniques in the Laboratory Calibration of Low-Cost Sensors, A 115

Learning Pavilion: Optimizing Your Ergonomics Process – A Workshop for Process Owners by VelocityEHS, B 246

Sponsored by VelocityEHS

12:30 p.m.–1:30 p.m.
• Expo Highlights Virtual Broadcast, Exhibit Hall AB

12:30 p.m.–1:45 p.m.
• Lessons in Leadership (for Students and Early Career Professionals), Nexus Lounge, Exhibit Hall AB

2:00 p.m.–3:00 p.m.
• C1: Research Roundup Noise, A 113
• C2: Research Roundup Risk Assessment and Management 1, A 220
• C3: Fire Code, Occupational Safety, GHS, and Chemical Hazards, A 210
• C4: Sensor Technologies Analyzed by the ARECC Framework, B 231
• C5: Opportunities of Safety, Health, and Wellbeing Through the Total Worker Health® Lens, B 230
• C6: Management of Change: Techniques for a Living Hazards Analysis, A 223
• C7: Community Exposures During Oil and Gas Drilling and Completion Activities, A 125
• C8: NIOSH Special Topics: The Proposed Update to the NIOSH Exposure Assessment Strategy, B 131
• C9: National and State Heat Exposure Standards and Best Practices, A 213
• C10: Building an Effective Ergonomics Process, A 122
• C11: Understanding Heat Stress Challenges in the Tropics, A 115

3:15 p.m.–4:15 p.m.
• D1: Research Roundup Emerging Digital Technologies, A 223

4:30 p.m.–5:30 p.m.
• Expo Hall Networking Reception, Exhibit Hall AB

6:00 p.m.–7:00 p.m.
• International Reception, Hilton, Aminah Robinson A

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Click on the course or session title to get the full description.

See the full list of Volunteer Groups/Committee meetings on p. 22.
### Education Pop-Ups and Health & Wellness Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Education Pop-Ups</th>
<th>Health &amp; Wellness ▼ B 130</th>
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<tr>
<td>10:00 a.m.-10:25 a.m.</td>
<td>Pop-Up 1A: Nurturing Expertise: Addressing the Rejection of Young OEHS Professionals in the Workplace</td>
<td>Blood Pressure and Cholesterol: What You Need to Know &lt;br&gt; Presenter: Kimberly Durden, Quality Staffing Solutions - Hill Air Force Base</td>
</tr>
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<td>10:30 a.m.-10:55 a.m.</td>
<td>Pop-Up 1B: How Your Exposure Data May Be Used in TSCA Risk Evaluations &lt;br&gt; Presenters: Renee Kalmes, Pamela Morgan, Exponent Inc.; Paul DeLeo, American Chemistry Council</td>
<td>Maintaining Mobility and Movement &lt;br&gt; Presenter: Grace Thomas, AccelWELL</td>
</tr>
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<td>11:00 a.m.-11:25 a.m.</td>
<td>Pop-Up 1C: Safe Use of 3D Printing in Higher Education Research Institute</td>
<td>Energy Boost - Methods of Sustained Energy &lt;br&gt; Presenter: Erika Gardner AccelWELL</td>
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<td>Noon-12:25 p.m.</td>
<td>Pop-Up 1E: Nuclear Decommissioning in the Modern Age &lt;br&gt; Presenter: Shelley Shortes, EnergySolutions</td>
<td>Blood Pressure and Cholesterol: What You Need to Know &lt;br&gt; Presenter: Grace Thomas, AccelWELL</td>
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<td>12:30 p.m.-12:55 p.m.</td>
<td>Pop-Up 1F: What You Don’t Know About HazMat Shipping &lt;br&gt; Presenter: Mark Rollins, A-EHS</td>
<td>Maintaining Mobility and Movement &lt;br&gt; Presenter: Grace Thomas, AccelWELL</td>
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<td>Pop-Up 1G: Optimizing OEMS Communications for Effective Program Implementation</td>
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<td>Pop-Up 1H: OSH-GPT and the IH: Reading and Summarizing Regulations &lt;br&gt; Presenters: Anders Abelmann, Benjamin Roberts Benchmark Risk Group; Richard Neitzel, University of Michigan</td>
<td>Vitamins and Supplements &lt;br&gt; Presenter: Jennifer Masci, AccelWELL</td>
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### Innovation Station Schedule

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<td>9:35 a.m.-10:00 a.m.</td>
<td>Simplify Assessments: Harnessing IoT-based Survey Tools to Achieve Peak Productivity sponsored by TSI</td>
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<td>The Future Is Here: Visualize Your Unseen Hazards sponsored by Industrial Scientific</td>
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<td>Introducing the NEW Industrial Hygiene Calculation Engine sponsored by Cority</td>
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<td>Unveiling Safety Solutions: Identifying Hidden Risks in Your Respiratory Programs sponsored by Bullard</td>
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<td>11:35 a.m.-12:00 a.m.</td>
<td>Introduction of Industry Grade Wearables for Heat Strain Reduction and Real Time Worker Safety sponsored by Equivital</td>
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<td>12:50 p.m.-1:15 p.m.</td>
<td>Unlocking Insights: Enhanced Work Area Monitoring Analysis Through Data Visualization sponsored by TSI</td>
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<tr>
<td>1:20 p.m.-1:45 p.m.</td>
<td>The Power of a Connected Safety Program sponsored by MSA</td>
<td>MSA</td>
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<td>2:00 p.m.-2:25 p.m.</td>
<td>Remote Confined Space Monitoring: Reducing Exposures Beyond Compliance sponsored by Dräger</td>
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<td>2:30 p.m.-2:55 p.m.</td>
<td>Wearables in the Wild: Insights From Connected Health &amp; Safety sponsored by Vigilife, Inc.</td>
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<td>Achieving Continuous Compliance in a Changing Regulatory Landscape sponsored by Encamp</td>
<td>Encamp</td>
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The #1 career resource for OEHS professionals is coming to AIHA Connect 2024.

Level up your career with informative workshops, free resume critiques, and unique networking opportunities. Reserve your personal session by contacting Wanda Barbour.

Résumé Critiquing
Monday, May 20
9:00 a.m.–Noon and 1:00 p.m.–2:00 p.m.

Tuesday, May 21
9:00 a.m.–10:00 a.m. and 1:00 p.m.–3:00 p.m.

Wednesday, May 22
9:00 a.m.– Noon and 1:00 p.m.–3:00 p.m.

Sign up for your individual résumé critiquing session with an experienced hiring director and get helpful feedback on style, length, focus, use of accomplishments, keywords, and more.

Mock Interviewing
Tuesday, May 21
10:00 a.m.–Noon
See yourself through an employer’s eyes when you meet with an experienced hiring director. Receive helpful feedback on the most effective presentation of your skills, abilities, and professionalism.

Career Connections Networking Event
Tuesday, May 21
3:15 p.m.–4:15 p.m.
Connect with other professionals, those looking for new opportunities, and employers searching for top talent during this popular speed networking event.

AIHA Main Stage Presentations (AIHA Booth 627)

How to Succeed in Your First Job
Monday, May 20
1:45 p.m.–2:30 p.m.
Franky Spangler, SPHR, SHRM-SCP
William Nichols, CIH, CHMM, CSP

In this session, we will explore real-world topics, such as effective communication with colleagues and supervisors, understanding workplace dynamics, time management, problem-solving, and the art of self-promotion (i.e., negotiating your pay and getting a better title). You will discover the unwritten rules, practical tips, and interpersonal skills that can make a significant difference in your early career experiences.

Be Connected – Getting the Most Out of Your Career
Monday, May 20
2:30 p.m.–3:15 p.m.
Melissa Smith, MPH
William Nichols, CIH, CHMM, CSP
Carl Sall, CIH, CSP
Douglas Pastore, CIH
Nancy Lawrence, Ph.D.

A panel of experienced professionals will provide their take on what you can do to get the most out of your career in OEHS, including continuing education, networking, developing relationships, or connecting outside of the office. During this interactive session, each panelist will provide their opinions and field questions and answers from attendees.

LEARN MORE
Monday, May 20 Sessions

The Power of Peculiar Thinking: Problem-Solving Through Creativity and Ingenuity
8:00 a.m.–9:30 a.m., Battelle Grand

Presenter: Samuel Ramsey, PhD, Ramsey Research Foundation, Washington, DC

As a young graduate researcher, Dr. Sammy Ramsey looked at an age-old question — “What’s happening to the honeybees?” — through a new lens to make a breakthrough discovery that turned the field of bee research on its head.

In this talk, Dr. Ramsey spurs audiences to think outside the box as he shares the story of what led him to connect a family member’s health issues back to his bee research to arrive at a powerful conclusion on the parasitic pandemic plaguing the honeybees. In this talk, he walks audiences through his process for using peculiar thinking that gets the brain processing ideas in new and unique ways and unlocks new outlets for pushing past stalls in thinking and productivity. The approach Dr. Ramsey shares gives people the freedom to dig deeper into all the ideas that they’re told are “too crazy” and “will never work” as they figure out how to tackle complex problems and innovate with impact.

Sponsored by

GALSON

10:00 a.m.–11:00 a.m.

A1: Research Roundup: Chemical Hazards 1

Moderator: Laura Weems, U.S. Army Corps of Engineers.

A1a. Hazardous Waste Explosion at a Cement Plant
Presenter: Troy Hart, Mine Safety and Health Administration.

A1b. Railcar Eruption of Hazardous Waste at a Cement Kiln
Presenter: Troy Hart, Mine Safety and Health Administration.

A2: Research Roundup Aerosols and Airborne Particulates 1

Moderator: Jennie Cox, NIOSH.

A2a. Emissions Associated With the Mechanical Recycling of Plastic Waste
Presenter: Sarah Swinnerton, University of California, Los Angeles.

A2b. Asbestos and Nonasbestiform Analogues Classification Using FTIR
Presenter: Taekhee Lees, NIOSH CDC.

A3: Confined Spaces Questions and Answers

Moderator: Janet Keyes, CHESS Inc.

Presenters: Robert Henderson, GfG Instrumentation; Christina Collins, Central Arizona Project; Brian Heramb, University of California San Diego - OSHA Training Institute Education Center; Matthew Macomber, MIOSHA.

A4: Leverage Control Banding to the Hilt

Moderator: Angela Wheeler, Chemscape Safety Technologies.

Presenter: Thomas Tenkate, Toronto Metropolitan University, Canada.

A5: Getting Started With a Total Worker Health® Approach

Moderator: Joaquin Diaz, Skanska USA Building.

Presenters: Jennifer Cavallari, UConn School of Medicine; Deborah Nelson, Nelson-Imel IH Consulting LLC; Nancy Wilk, WSP Canada Inc., Canada.

A6: Electronic Cigarettes in the Indoor Environment

Moderator/Presenter: David Balade, University of Oklahoma Health Science Center.

Presenters: Cheryl Marcham, Embry-Riddle Aeronautical University Worldwide; Evan Floyd, University of Oklahoma.

Full session descriptions may be found in the mobile app. Events take place at the Greater Columbus Convention Center unless otherwise noted. All times listed are Eastern.
Monday, May 20 Sessions

A7: Practical Case Studies in Exposure Modeling
B 131
Moderator: Skyler Spooner.
Presenters: Benjamin Craig, R.E.M. Risk Consultants; Mandie Kramer, ToxStrategies.

A8: Ask the Expert With the Opening Keynote Speaker, Dr. Samuel Ramsey
A 220
Moderator: Dianne Grote Adams, SafeX.
Presenter: Dr. Samuel Ramsey, Ramsey Research Foundation.

A9: Assessing Health Risks for the Legacy Asbestos
A 125
Moderator: Cary Hill, ITA International.
Presenter: Andrey Korchevskiy, Chemistry & Industrial Hygiene Inc.

A10: Panel Discussion: What Are Principles of Good Practice?
B 233
Moderator: Irene Wang, Procter & Gamble.
Presenters: Karen Michael, Washington State Department of Labor and Industries; Kelly Tuttle, JS Held.

A11: Performance Testing of Cordless Handheld Vacuum Cleaners
A 115
Student Moderator: Jae Hong Park, Purdue University.
Student Presenter: Jason Lin, California Institute of Technology.
11:15 a.m.–12:15 p.m.

B1: Research Roundup Climate Change Hazards and Risks 1
A 220
Moderator: Joseph Darby, US DOL/OSHA.
11:15 a.m.–12:15 a.m.
B1a. An Emerging Climate Change Impact: Wildfire Smoke Exposure
Presenter: Isabel Bacarella, Enbridge.
11:45 a.m.–12:15 p.m.
B1b. Wildfire Smoke: Exposure Intervention Study in British Columbia
Presenter: Taryn Toic, Aura Health and Safety Corporation.

B2: Research Roundup Hazard Recognition/Exposure Assessment 1
A 113
Moderator: Donald Elswick, Elsmart Associates LLC.
11:15 a.m.–12:15 p.m.
B2a. Common IH Hazards Found at U.S. Army Reserve Facilities
Presenters: Jason Garcia, Eduardo Artiga, PIKA International Inc.

B3: Lessons Learned From the Electric Utility Penstock Accident
A 223
Moderator: Arlen Siert, Xcel Energy.
Presenter: Jerome Spear, Spear & Lancaster LLC.

B4: Environmental Compliance Issues at a Large University
A 122
Moderator: Thomas Novotny, Ohio State University EH&S.
Presenters: Kyle Winkler, Ryan Malott, The Ohio State University.

Full session descriptions may be found in the mobile app. Events take place at the Greater Columbus Convention Center unless otherwise noted.
Monday, May 20 Sessions

**B5: A Biomarker Analysis of Stress Levels in Remote and In-Office Workers**
A 210
Moderator: Jennifer Sahmel, Insight Exposure and Risk Sciences.

**B6: Unmasking the Myths of Success**
B 230
Moderator/Presenter: Alex Cardone, Department of Defense.

**B7: Challenges of Investigating Smoke and Smells**
A 213
Moderator: Michael Brisson, Savannah River National Laboratory.
Presenters: Laura Parker, ALS Laboratory; Derek Popp, Wisconsin State Lab of Hygiene, UW Madison; Michelle Rosales, Forensic Analytical Consulting Services.

**B8: NIOSH Special Topics: Low-Cost Dust Sensing Networks**
B 233
Moderator: Aaron Sussell, NIOSH.
Presenter: Justin Patts, CDC/NIOSH.

**B9: Introduction to The Industrial Hygiene Data Standard**
B 131
Moderator: Taylor Shockey, NIOSH.
Presenters: Christopher Smith, Redshift Technologies; Trevor Runcie, Agile Industrial Hygiene Software Limited, United Kingdom.

**B10: The History and Future of the Silica Control Tool**
A 125
Moderator: Kimberly O’Connell, Occupational Health Clinics for Ontario Workers, Canada.
Presenters: Melanie Gorman Ng, BC Construction Safety Alliance, Canada; Hugh Davies, University of British Columbia, Canada; Jerome Lavoue, University of Montreal, Canada.

**B11: A Comparative Analysis of Linear Regression and Machine Learning Techniques in the Laboratory Calibration of Low-Cost Sensors**
A 115
Student Moderator: Darrah Sleeth, University of Utah.
Student Presenter: Runcheng Fang, University of Utah.

**Learning Pavilion: Optimizing Your Ergonomics Process – A Workshop for Process Owners by VelocityEHS**

B 246
Presenters: Blake McGowan, Humantech; Jennifer Sinkwitts, VelocityEHS.

**Poster Session 1 – Professional – Author Attend Time**
Exhibit Hall AB, End of Aisle 500

See page 63 for posters on these topics. For a full list of co-authors and detailed abstracts, see AIHA Connect website.

Sessions marked with will be broadcast for Virtual AIHA CONNECT.
Sessions marked with are included in OnDemand. Sessions, schedule, and inclusion in OnDemand are subject to change.
## Monday, May 20 Sessions

### 2:00 p.m.–3:00 p.m.

**C1: Research Roundup Noise**  
A 113  
**Moderator:** Mary Lucot, Sanofi.  
2:00 p.m.–2:30 p.m.  
C1a. Reinvigorating Engineered Noise Controls  
**Presenter:** Jeremy Slagley, Air Force Institute of Technology.  
2:30 p.m.–3:00 p.m.  
C1b. Workplace Noise: A Case Study of Groundskeepers' Exposures  
**Presenter:** Ephraim Massawe, Southeastern Louisiana University.

**C2: Research Roundup Risk Assessment and Management 1**  
A 220  
**Moderator:** Aimee Giovine, Triumvirate.  
2:00 p.m.–2:30 p.m.  
C2a. Sampling Method for Fentanyl and Other Illicit Substances  
**Presenter:** Matthew Jeronimo, University of British Columbia.  
2:30 p.m.–3:00 p.m.  
C2b. AI Models to Identify Workplace Fatality Risks  
**Presenter:** Keith Bowers, Bowers Management Analytics.

**C3: Fire Code, Occupational Safety, GHS, and Chemical Hazards**  
A 210  
**Moderator/Presenter:** Russell Vernon, Risk and Safety Solutions, University of California, Davis.

**C4: Sensor Technologies Analyzed by the ARECC Framework**  
B 231  
**Moderator:** Matthew Dahm, NIOSH.  
**Presenters:** Emanuele Cauda, CDC/NIOSH; Steven Jahn, Savannah River Mission Completion LLC.

**C5: Opportunities of Safety, Health, and Wellbeing Through the Total Worker Health® Lens**  
B 230  
**Moderator:** Xavier Alcoraz, BSI Consulting.  
**Presenters:** Dede Montgomery, Legacy Health; Elizabeth Hill, SAIF Corporation; Jennifer Dobb, BSI Professional Services Inc.

**C6: Management of Change: Techniques for a Living Hazards Analysis**  
A 223  
**Moderator/Presenter:** Timothy Stirrup, Parvati Consulting LLC.  
**Presenter:** Kelsey Forde, Parvati Consulting LLC.

**C7: Community Exposures During Oil and Gas Drilling and Completion Activities**  
A 125  
**Moderator/Presenter:** Jeffrey Citrone, Kahuna Ventures.  
**Presenter:** Patrick Garland, WSP USA Inc.

**C8: NIOSH Special Topics: The Proposed Update to the NIOSH Exposure Assessment Strategy**  
B 233  
**Moderator:** Aaron Sussell, NIOSH.  
**Presenters:** Chandran Achutan, Lilia Chen, NIOSH; Gurumurthy Ramachandran, Johns Hopkins Bloomberg School of Public Health.

**C9: National and State Heat Exposure Standards and Best Practices**  
A 213  
**Moderator/Presenter:** Scott Strickland, Work Health Solutions Inc.  
**Presenter:** Dean Frieders, Mobile-Med Work Health Solutions Inc.

**C10: Building an Effective Ergonomics Process**  
A 122  
**Moderator:** Jennifer Sinkwitts, VelocityEHS.  
**Presenter:** Kristi Hames, VelocityEHS.
### C11: Understanding Heat Stress Challenges in the Tropics

**A 115**

**Student Presenters:** Hana Fajrianti, Mila Tejamaya, University of Indonesia, Indonesia.

3:15 p.m.–4:15 p.m.

### D1: Research Roundup Emerging Digital Technologies

**A 223**

**Moderator:** Julie Panko, ToxStrategies.

3:15 p.m.–3:45 p.m.

- **D1a. Fatality Prevention: AI, Computer Vision, and 3D Sensing**
  **Presenter:** Keith Bowers, Bowers Management Analytics.
  3:45 p.m.–4:15 p.m.

- **D1b. Big Data in IH: Real-Time Monitoring for IAQ**
  **Presenter:** Tom Hawkinson, Stantec Consulting Services Inc.
  3:45 p.m.–4:15 p.m.

### D2: Research Roundup Sampling and Analysis 1

**B 131**

**Moderator:** Paul Lilley, Defense Centers for Public Health - Aberdeen.

3:15 p.m.–3:45 p.m.

- **D2a. Silicone Wristbands for PAH Exposure Assessment During Fire Training**

### D3: Perfection vs. Practicality in Emergency Response

**A 213**

**Moderator:** Laura Weems, US Army Corps of Engineers.

**Presenters:** Alan Leibowitz, EHS Systems Solutions LLC.; Karen Jones, Gulf Coast HSE Consulting Services LLC.

3:15 p.m.–4:15 p.m.

### D4: IH in Evacuation Isolation Transport Environment for Patients With Special Pathogens

**A 113**

**Moderator:** Aurora Le, Texas A&M University School of Public Health.

**Presenter:** Shawn Gibbs, Texas A&M University School of Public Health.

### D5: Promoting Musculoskeletal Health Using the Total Worker Health® Approach

**B 230**

**Moderator:** Douglas Dunbar, The Lincoln Electric Company.

**Presenters:** Shanna Dunbar, Workplace Health Inc.; Rick Wickstrom, WorkAbility Systems, Inc.

### D6: The Role of HSMS in Risk Assessment and Mitigation

**A 125**

**Moderator:** Emanuele Cauda, CDC/NIOSH.

**Presenters:** Barb Menard, WSP; Emily Haas, NIOSH Division of Safety Research; Corrine Balcaen, Teck Resources, Canada.

### D7: Improving Exposure Judgment With Exposure Models

**B 233**

**Moderator:** Stephanie Battista, 3M Company.

**Presenter:** Brent Altemose, ALTIH LLC.
Monday, May 20 Sessions

D8: Upton Sinclair Memorial Lecture - The Silicosis Epidemic
A 210
Moderator: Hilarie Warren, Georgia Tech.
Presenter: Jim Morris, Public Health Watch.

D9: Real-Time Measurement of Workplace Protection Factor
A 220
Moderator: Ziqing Zhuang, NIOSH/MPPTL.
Presenter: Jun Wang, University of Cincinnati.

D10: Addressing Contaminated Cultural Heritage
A 122
Moderator: Ralph Froehlich, Helix Environmental, Inc.
Presenters: Brandy Howard, Terracon Consultants Inc.; Holly Cusack-McVeigh, Indiana University-Indianapolis.

D11: Make Work Better - Mental Health Matters
A 115
Student Moderator/Presenter: Visveish Babu Gajendiran Kamaraj, Rochester Institute of Technology.

4:30 p.m.–5:30 p.m.

Expo Hall Networking Reception
Exhibit Hall AB
This annual networking tradition gets the night started with tasty nibbles and a free drink (ticket included in badge materials for in-person attendees).

Expo Hall Activities
See pp. 74-77 for food, activities, and more happening in the Expo Hall throughout the day. See pp. 36, 49, and 60 for the Innovation Station schedules.
### Monday, May 20 Sessions

#### Education Pop-Ups and Health & Wellness Schedule

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<td>Strategies for Emotional Resilience</td>
<td>Erika Gardner AccelWELL</td>
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<td>Encamp</td>
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At A Glance | Tuesday, May 21

All times listed are Eastern.

6:30 a.m.–8:00 a.m.
• AIHF 38th Annual Fun Run/Walk

7:00 a.m.–5:00 p.m.
• Registration, Lobby, A 110

7:00 a.m.–5:15 p.m.
• Speaker Ready Room Open, B 240

7:00 a.m.–5:15 p.m.
• Poster Session 2–Student - Author Attend Time, Exhibit Hall AB, End of Aisle 500

7:00 a.m.–5:15 p.m.
• Exhibit Hall Open, Exhibit Hall AB, End of Aisle 500

8:00 a.m.–9:00 a.m.
• E1: Research Roundup Aerosols and Airborne Particulates 2, A 223
• E2: Research Roundup Hazard Recognition/Exposure Assessment 2, A 113
• E4: Scientific Developments in Copper Inhalation Exposure and Toxicity, A 210
• E5: Prevention Saves Lives, Time, and Money, B 233
• E6: Hazard Recognition and Assessment Within Correctional Facilities, A 122
• E7: IH and Infection Prevention Collaborative Efforts in Healthcare Facilities, A 125
• E8: Follows SIG Debate: Banning the Use of Chemicals in the United States, A 213
• E9: The Power of Odor Thresholds in Safety and Health, B 230
• E10: Preventing Vector-Borne Diseases in Workers, B 131
• E11: The Impact of Powered Air Purifying Respirators on Speech Intelligibility, A 210

8:00 a.m.–12:00 p.m.
• TT-01: Worthington Steel and Worthington Enterprises Columbus Cylinders, Bus Loop on the GCCC Connector
• TT-02: American Nitrile Operations LLC - Tuesday Tour, Bus Loop on the GCCC Connector

9:00 a.m.–10:00 a.m.
• Poster Session 2 – Student - Author Attend Time, Exhibit Hall AB, End of Aisle 500

9:00 a.m.–9:15 a.m.
• AIHA Main Stage Presentations, AIHA Booth 627

9:00 a.m.–12:10 p.m.
• TT-06: BeneLeaves - Tuesday Tour, Bus Loop on the GCCC Connector

9:00 a.m.–10:15 a.m.
• Overview of the Content Portfolio Advisory Group

9:00 a.m.–10:45 a.m.
• AIHA Technical Framework - Principles for Exposure Risk Assessment

9:00 a.m.–11:00 a.m.
• E1: Research Roundup Risk Assessment and Management 2, A 213
• E2: Research Roundup Aerosols and Airborne Particulates 3, A 223
• E3: Uncontrolled Emission of Toxic Gases in Wastewater Treatment, A 122
• E4: An Alternative Strategy for Risk Management in the Workplace, B 233
• E5: SPARKTalks: Putting the Worker in Total Worker Health, A 210
• E6: Confined Space Spray Painting Exposure Modeling, B 230
• E7: The Scope and Challenges Associated With Exposure Control Devices, A 113
• E8: The Importance of Inhalation Dosimetry in OEL Derivation, B 131
• E9: Implementing System Safety Lessons Learned, A 220
• E11: Correlations of Particle Size Distribution in the Ventilation Duct With Workplace Ambient, A 115

10:00 a.m.–11:00 a.m.
• TT-06: BeneLeaves - Tuesday Tour, Bus Loop on the GCCC Connector

10:00 a.m.–12:00 p.m.
• AIHA Main Stage Presentations, AIHA Booth 627

10:00 a.m.–4:00 p.m.
• Career Advantage Job Fair Open, B 140

10:00 a.m.–12:00 p.m.
• Career Advantage Fair Resume Critiquing

10:00 a.m.–12:00 p.m.
• Career Advantage Fair Mock Interviewing

10:00 a.m.–12:00 p.m.
• Career Advantage Fair Resume Critiquing
At A Glance
Tuesday, May 21

All times listed are Eastern.

11:15 a.m.–12:15 p.m.
- G1: Research Roundup Respiratory Protection, A 113
- G2: Research Roundup Chemical Hazards 2, A 220
- G4: Silica Exposure for Engineered Stone Countertop Fabricators, A 210
- G5: A Practical Guide to Integrate EHSC and ESG for Effective Risk Management, A 122
- G6: Statistical Cage Match: 70 Percent vs. 95 Percent Confidence, B 230
- G7: An Isoflurane Waste Anesthetic Gas Management Program, A 223
- G8: AI and OEHS Ethics, A 125
- G9: The East Palestine, Ohio Train Derailment, B 131
- G10: Core Unspoken Principles Affecting Safety, B 233
- G11: Evaluating Particulate Exposures and Solvents in Workplaces, A 115
- Learning Pavilion: Using AI to Assess MSD Risk in the Workplace by VelocityEHS, B 246

This interactive fashion show highlights personal protective equipment and clothing designed for a workforce of varying sizes and proportions that is appealing to a newer generation of workers. Come join the fun, and learn about new PPES that is thoughtfully designed, comfortable, and fashionable.

12:30 p.m.-1:45 p.m.
- Lessons in Leadership (for Students and Early Career Professionals), Nexus Lounge, Exhibit Hall AB, Aisle 1300
- Career Advantage Fair: Career Connections Networking Event, A 226

1:30 p.m.-4:15 p.m.
- H1: Research Roundup Management/Leadership, A 210
- H2: Research Roundup Hazard Recognition/Big Data, A 113
- H3: What the OEHS Professional Needs to Know About Diversity, Equity, and Inclusion, B 233
- H4: An Environmental Aspects and Impacts Register to Manage Sustainability, B 230
- H5: The New Value of Safety and Health in an Evolving World, A 223
- H6: Production and Event Site Safety, B 131
- H7: AIHA Laboratory Accreditation Programs: Moving Toward Field and Mobile Accreditation, A 122
- H8: Movie Matinee Part 1 - Into the Weeds (Movie Viewing), A 220
- H9: Managing New or Updated Chemical Safety Guidance and Regulations, A 125
- H10: Navigating Exposure Risks and Fire Hazards in Li-ion Battery Technologies, A 213
- H11: Reducing Chemical Exposures in Nail Salons Using Low-Cost Indoor Air Quality Sensors, A 115

3:15 p.m.–4:15 p.m.
- I1: Research Roundup Sampling and Analysis 2, B 131
- I2: Hazard Analysis Lessons Learned, A 113
- I3: Interesting OSHA Health Cases - Facts From the Field - Part 1, B 233
- I4: Legionnaires Disease Underreporting: Potential Impacts, A 125
- I5: The Intersection of Total Worker Health® and Environmental, Social, and Governance, B 230
- I6: Clothes Changing and Take-Home Risks for the Foundry Industry, A 213
- I7: Lowering Occupational Exposure Limits and IH Method Capability, A 210

12:30 p.m.–3:00 p.m.
- PPE Fashion Show, Exhibit Hall AB, End of Aisle 700/800 behind AIHA Booth

This interactive fashion show highlights personal protective equipment and clothing designed for a workforce of varying sizes and proportions that is appealing to a newer generation of workers. Come join the fun, and learn about new PPES that is thoughtfully designed, comfortable, and fashionable.
At A Glance  Tuesday, May 21

All times listed are Eastern.

- **4:30 p.m.-5:30 p.m.**
  - I8: Movie Matinee Part 2 - Into the Weeds (Movie Viewing and Discussion), A 220
  - I9: Hazardous Area Static Control, A 223
  - I10: Elevating Your Presentation and Communication Skills, A 122
  - I11: Association Between Exposure to Airborne Trichloramine and Health Effects in Indoor Swimming Pool Workers, A 115

- **4:30 p.m.-6:30 p.m.**
  - J1: Research Roundup Indoor Environmental Quality, A 113
  - J3: Interesting OSHA Health Cases - Facts From the Field - Part 2, B 233
  - J4: Investigating and Resolving Unique IEQ Mysteries, A 213
  - J5: Occupational, Environmental, Health, and Safety in Data Centers, B 230
  - J6: Understanding the State of Safety Innovation in the Workplace, A 210
  - J7: Sampling and Analysis of Nicotine from Electronic Cigarette Emissions, A 125
  - J8: Drinking Water Exposome: USGS-Community Partnership Studies, A 222
  - J9: Thermal Stress Management, Prevention, and Monitoring, B 131
  - J10: Decoding the Alphabet Soup, A 223

- **5:30 p.m.-6:30 p.m.**
  - J1: Workplace Health Without Borders, Hilton, Pheoris West C
  - J3: Namaste With AIHA, Hilton, John Christie
  - J6: University of British Columbia Reception (by invitation only), Hilton, Ema Spencer Room

- **6:00 p.m.-7:30 p.m.**
  - J5: Purdue University Alumni and Friends Reception, Understory; 2571 Neil Avenue, Columbus, OH 43202
  - J6: AIHA Named Awards Dinner (by invitation only), Martini Modern Italian, 445 N. High St., Columbus, OH 43215

See the full list of Board/Volunteer Group/Committee/Advisory Group meetings on pp. 22.

Sessions marked with 📺 will be broadcast for Virtual AIHA CONNECT.

Sessions marked with 📺 are included in OnDemand. Sessions, schedule, and inclusion in OnDemand are subject to change.
At A Glance

Education Pop-Ups and Health & Wellness Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Education Pop-Ups</th>
<th>Health &amp; Wellness</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 a.m.-9:25 a.m.</td>
<td>Pop-Up 2A: Awareness of Confined Spaces</td>
<td>Exhibits Hall AB, Aisle 1300</td>
</tr>
<tr>
<td></td>
<td>Presenters: Nick Setz, Firefighter Safe, Warren Brown, Retired/VOS.</td>
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<tr>
<td>9:30 a.m.-9:55 a.m.</td>
<td>Pop-Up 2B: Utilizing the ILER Mindset</td>
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<td>Presenter: Alex Cardone, Department of Defense.</td>
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<tr>
<td>10:00 a.m.-10:25 a.m.</td>
<td>Pop-Up 2C: The Silent Epidemic of Hearing Loss From Noise Exposures</td>
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<td>Protein and Fiber Balance</td>
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<td>Presenter: James Speckhart, DUPHE-FDA</td>
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<tr>
<td>10:30 a.m.-10:55 a.m.</td>
<td>Pop-Up 2D: Interesting or Unusual Cases in Industrial Hygiene</td>
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<td>Maintaining Mobility and Movement</td>
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<td>Presenter: Grace Thomas, AccelWELL</td>
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<tr>
<td>11:00 a.m.-11:25 a.m.</td>
<td>Pop-Up 2E: Exploring the Impact of Air on the OHES/HH Field</td>
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<td>Presenters: Kimberly Durden, Quality Staffing Solutions - Hill Air Force Base.</td>
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<tr>
<td>11:30 a.m.-11:55 a.m.</td>
<td>Pop-Up 2F: Understanding the Importance of Data</td>
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<tr>
<td>Noon-12:25 p.m.</td>
<td>Pop-Up 2G: Cooking With Climate Change</td>
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<td>Presenters: Silvia Maberti, ExxonMobil Corporation; Jennifer Shin, ExxonMobil Biomedical Sciences Inc.</td>
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<tr>
<td>12:30 p.m.-12:55 p.m.</td>
<td>Pop-Up 2H: A Historical Prospective on the Use and Regulation of Pesticides</td>
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<td>Presenter: Harvard Fong, California Department of Pesticide Regulation</td>
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<tr>
<td>1:00 p.m.-1:25 p.m.</td>
<td>Pop-Up 2I: An In-Depth Look at Heat Exposure and the Use of PHM</td>
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<td></td>
<td>Presenter: Donald Elswick, Elsmar Associates LLC; Ryan Potts, Laranie Locke, Eastman Chemical Company</td>
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<tr>
<td>1:30 p.m.-1:55 p.m.</td>
<td>Pop-Up 2J: The Impact of Proposed Changes in OSHA PPE Construction Standard</td>
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<td>Presenter: Sharath Smith, 3M Company.</td>
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<tr>
<td>2:00 p.m.-2:25 p.m.</td>
<td>Pop-Up 2K: Harnessing Safety During Wildfires</td>
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<td>Presenter: Giovanna Reese, KPA LLC.</td>
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<tr>
<td>2:30 p.m.-2:55 p.m.</td>
<td>Pop-Up 2L: The Evolving State of Respiratory Protection</td>
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<td>Presenter: Stephanie Lynch, OHD, LLP.</td>
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<tr>
<td>3:00 p.m.-3:25 p.m.</td>
<td>Pop-Up 2M: Control Banding – Exposure Management in the UK</td>
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<td>Presenter: Parmit Gahir, Element Materials Technology, United Kingdom.</td>
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<tr>
<td>3:30 p.m.-3:55 p.m.</td>
<td>Pop-Up 2N: Mental Health and Micromeditation</td>
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<td>Presenter: Emily Bailey, AccelWELL</td>
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<tr>
<td>4:00 p.m.-4:25 p.m.</td>
<td>Pop-Up 2O: Strategies for Emotional Resilience</td>
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<td>Presenter: Emily Bailey, AccelWELL</td>
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<tr>
<td>4:30 p.m.-4:55 p.m.</td>
<td>Pop-Up 2P: Boost Your Body's Natural Defenses</td>
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<td>Presenter: Emily Bailey, AccelWELL</td>
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</table>

♥ Health & Wellness presentations are available for virtual participants via prerecorded videos.

Innovation Station Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Sponsor</th>
<th>Exhibit Hall AB, Aisle 200</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:05 a.m.-9:30 a.m.</td>
<td>Snakelite - The World’s Quietest Blast Nozzle</td>
<td>sponsored by BlastOne International</td>
</tr>
<tr>
<td>9:35 a.m.-10:00 a.m.</td>
<td>Tyvek® Is Turning Up the Heat: Introducing Tyvek® 400 SFR</td>
<td>sponsored by DuPont Personal Protection</td>
</tr>
<tr>
<td>10:05 a.m.-10:30 a.m.</td>
<td>Hearing Conservation: Hear From the Experts in Tablet-Based Hearing Testing by SHOEBOX Ltd.</td>
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<tr>
<td>10:35 a.m.-11:00 a.m.</td>
<td>Powered Air Purifying Respirators in Today’s Workforce</td>
<td>sponsored by Dräger</td>
</tr>
<tr>
<td>11:05 a.m.-11:30 a.m.</td>
<td>Innovations in Portable Calibration, Data Collection, and Enhanced Reporting</td>
<td>sponsored by Sensidyne, LP</td>
</tr>
<tr>
<td>11:35 a.m.-Noon</td>
<td>How Do You Measure the ROI of IAQ?</td>
<td>sponsored by ThinkLite Air</td>
</tr>
<tr>
<td>12:20 p.m.-12:45 p.m.</td>
<td>Improved Grade B Breathing Air Sampling Process</td>
<td>sponsored by Liberty Mutual Insurance</td>
</tr>
<tr>
<td>12:50 p.m.-1:15 p.m.</td>
<td>Empowering Industrial Athletes: Preventative Hydration Protocols for Heat Stress Management</td>
<td>sponsored by Epicore Biosystems</td>
</tr>
<tr>
<td>1:20 p.m.-1:45 p.m.</td>
<td>Beach Particles and Plant Sea, Automated With Machine Learning</td>
<td>sponsored by Pollen Sense LLC</td>
</tr>
<tr>
<td>2:00 p.m.-2:25 p.m.</td>
<td>Introducing the Latest Innovations in Fit Testing Solutions</td>
<td>sponsored by OHD</td>
</tr>
<tr>
<td>2:30 p.m.-2:55 p.m.</td>
<td>Revolutionizing Occupational Noise Assessments With Svantek’s Data Validation Tool</td>
<td>sponsored by OHD and Svantek</td>
</tr>
</tbody>
</table>
Help us reach our goal of raising $20,000 in scholarships for deserving OEHS students!

Join us for a 5K run/walk that benefits AIHF scholarship recipients:

- Donate $50-55 for individuals
- Contribute up to $170 for groups
- Sleep-in and donate $55-65

Add the AIHF Fun Run to your AIHA Connect registration today!

Thank You to Our Generous Sponsors

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LEARN MORE
Tuesday, May 21 Sessions

**E1: Research Roundup Aerosols and Airborne Particulates 2**
A 223
Moderator: Jennie Cox, NIOSH.
8:00 a.m.–8:30 a.m.
E1a. Respirable Aerosol Concentrations in Open Multi-Chair Dental Clinics
Presenter: Justin Newnum, University of Iowa - EHS.
8:30 a.m.–9:00 a.m
E1b. Health Risks With Secondary Exposure to E-Cigarette Aerosol
Presenter: Wei-Chung Su, University of Texas Health Science Center at Houston School of Public Health.

**E2: Research Roundup Hazard Recognition/Exposure Assessment 2**
A 113
Moderator: Donald Elswick, Elsmart Associates LLC.
8:00 a.m.–8:30 a.m.
E2a. Chemical Exposure Assessment and Prevention Strategy for Firefighters
Presenter: Vincent Daliessio, Pennoni Associates Inc.
8:30 a.m.–9:00 a.m
E2b. Outward Leakage of Masks Used by the General Public for Source Control
Presenter: Ziqing Zhuang, NIOSH/MPPTL.

**E3: Scientific Developments in Copper Inhalation Exposure and Toxicity**
A 210
Moderator: Adriana Oller, Oller Consulting.
Presenters: C. Dodge, Gradient; Craig Poland, Regulatory Compliance Limited, United Kingdom; Len Levy, Cranfield University, United Kingdom; Yamini Gopalapillai, International Copper Association.

**E5: Prevention Saves Lives, Time, and Money**
B 233
Moderator: Karen Ohara, WorkCare Inc.
Presenter: Kala Earley, WorkCare Inc.

**E6: Hazard Recognition and Assessment Within Correctional Facilities**
A 122
Moderator: Michael Henderson, HETI.
Presenter: Daniel Farca, Hydro-Environmental Technologies Inc.

**E7: IH and Infection Prevention Collaborative Efforts in Healthcare Facilities**
A 125
Moderator: Alex LeBeau, Exposure Assessment Consulting LLC.
Presenters: Cherie Frame, Intermountain Health; John Rice, Intermountain Health.

**E8: Fellows SIG Debate: Banning the Use of Chemicals in the United States**
A 213
Moderator/Presenter: Donald Weekes, Retired, Canada.

**E9: The Power of Odor Thresholds in Safety and Health**
B 230
Moderator: John Krause, HC3.
Presenters: Cheryl Marcham, Embry-Riddle Aeronautical University Worldwide; Alex Lehocky, Kennesaw State University; Patrick Owens, Martinez Refining Company LLC.

**E10: Preventing Vector-Borne Diseases in Workers**
B 131
Moderator: Ulysses Orozco, ExxonMobil Corporation.
Presenters: Jennifer Sheffer, Candace McAlester, ExxonMobil Corporation.

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All times listed are Eastern.

Full session descriptions may be found in the mobile app. Events take place at the Greater Columbus Convention Center unless otherwise noted.
Tuesday, May 21 Sessions

**F1: Research Roundup Risk Assessment and Management 2**

A 213

Moderator: Penelope Pietrowski, Department of Homeland Security.

- **F1a.** Defining Conditions of Use and Occupational Exposure Scenarios Under TSCA
  
  Presenter: Silvia Maberti, ExxonMobil Corporation.

- **F1b.** Addressing a TSCA Test Order: Guidance for OEHS Professionals
  
  Presenter: Pamela Morgan, Exponent Inc.

**F2: Research Roundup Aerosols and Airborne Particulates 3**

A 233

Moderator: Daniel Farcas, Hydro-Environmental Technologies Inc.

- **F2a.** The Characteristic of Aerosol Emission From Motors
  
  Presenter: Chao Chun Hsu, National Taiwan University, Taiwan.

- **F2b.** The Aerosol Emission Characteristics and Control Strategies of Flushing Toilets
  
  Presenter: ShunHao Hsu, National Taiwan University, Taiwan.

**F3: Uncontrolled Emission of Toxic Gases in Wastewater Treatment**

A 122

Moderator: Christina Collins, Central Arizona Project.

Presenter: T. McManus, NorthWest Occupational Health & Safety, Canada.

**F4: An Alternative Strategy for Risk Management in the Workplace**

B 233

Moderator: Michael Phibbs, Chemscape Safety Technologies, Canada.

Presenter: Alex Mercer, JADA Solutions (HSE) Inc.

**F5: SPARKTalks: Putting the Worker in Total Worker Health**

A 210

Moderator/Presenter: Joaquin Diaz, Skanska USA Building.

Presenters: Xavier Alcaraz, BSI Consulting; Jennifer Cavallari, UConn School of Medicine; Pedro Flores Gallardo, University of Arizona; Elizabeth Hill, SAIF Corporation; Deborah Nelson, Nelson-Imel IH Consulting LLC; Nancy Wilk, WSP Canada Inc., Canada.

**F6: Confined Space Spray Painting Exposure Modeling**

B 230

Moderator: Arlen Siert, Xcel Energy.

Presenter: Jerome Spear, Spear & Lancaster LLC.
Tuesday, May 21 Sessions

F7: The Scope and Challenges Associated With Exposure Control Devices
A 113
Moderator: David Acker, Auburn University.
Presenters: Angela Dartt, Washington University in St. Louis; Jan Eggum, CSS.

F8: The Importance of Inhalation Dosimetry in OEL Derivation
B 131
Moderator: Andrew Maier, Cardno ChemRisk.
Presenters: Corey Boles, Stantec Consulting Services; Jason Latter, Insight Exposure & Risk Sciences Group.

F9: Implementing System Safety Lessons Learned
A 220
Moderator/Presenter: Kelsey Forde, Parvati Consulting LLC.
Presenter: Timothy Stirrup, Parvati Consulting LLC.

F11: Correlations of Particle Size Distribution in the Ventilation Duct With Workplace Ambient
A 115
Student Moderator: Arul Veerappan, New York University School of Medicine.
Student Presenters: Kian Dana, Mohammad Ariful Hoque, Mehmood Hashmi, New York University.

G1: Research Roundup Respiratory Protection
A 113
Moderator: Bailley Reggetz, NIOSH/CDC.
11:15 a.m.–12:15 p.m.
G1a. Respirator Cartridge Service Life Estimates for Chemicals With OELs
Presenter: Erik Johnson, 3M Company.

G2: Research Roundup Chemical Hazards 2
A 220
Moderator: Laura Weems, US Army Corp of Engineers.
11:15 a.m.–11:45 a.m.
G2a. Assessment of Ambient Concentrations of Benzene
Presenter: Benjamin Roberts, Benchmark Risk Group.
11:45 a.m.–12:15 p.m.
G2b. Understanding Chemical Exposures and Control Options for Nail Salons
Presenter: Kimberly Anderson, NIOSH CDC.

A 213
Moderator: Sharath Smith, 3M Company.
Presenters: Thomas Bobick, Bobick and Associates Consulting; Scott Schneider, Retired.

G4: Silica Exposure for Engineered Stone Countertop Fabricators
A 210
Moderator: Joshua Maskrey, Insight Exposure & Risk Sciences Group.

G5: A Practical Guide to Integrate EHSC and ESG for Effective Risk Management
A 122
Moderator: Nancy Wilk, WSP Canada Inc., Canada.

G6: Statistical Cage Match: 70 Percent vs. 95 Percent Confidence
B 230
Moderator: Jerome Lavoue, University of Montreal, Canada.
Presenter: Brent Altemose, ALTIH LLC.
Tuesday, May 21 Sessions

G7: An Isoflurane Waste Anesthetic Gas Management Program
A 223
Moderator/Presenter: Linh Phan, Stanford University.

G8: AI and OEHS Ethics
A 125
Moderator: Nancy Orr, Sage Health and Safety LLC.
Presenters: Alan Leibowitz, EHS Systems Solutions LLC; Robert Agnew, Oklahoma State University; Josh Leibowitz, Open Austin.

G9: The East Palestine, Ohio Train Derailment
B 131
Moderator/Presenter: Courtney Myers, Stark County Health Department.
Presenter: Laura Fauss, Columbiana County Health District.

G10: Core Unspoken Principles Affecting Safety
B 233
Moderator/Presenter: George Gruetzmacher, WI State Laboratory of Hygiene.

G11: Evaluating Particulate Exposures and Solvents in Workplaces
A 115
Student Moderator: Candace Tsai, University of California, Los Angeles.

Learning Pavilion: Using AI to Assess MSD Risk in the Workplace by VelocityEHS
B 246

 modulus
Presenters: Kristi Hames, Jennifer Sinkwitts, VelocityEHS.

Poster Session 3 – Professional - Author Attend Time
Exhibit Hall AB, End of Aisle 500
Topics: Chemical Hazards, Hazard Recognition/Exposure Assessment, Noise/Hearing Loss Prevention, Sensor Technology.

See page 66 for posters on these topics. For a full list of co-authors and detailed abstracts, see AIHA Connect website.

2:00 p.m.–3:00 p.m.

H1: Research Roundup Management/Leadership
A 210
Moderator: Aurora Le, Texas A&M University School of Public Health.

2:00 p.m.–2:30 p.m.
H1a. How to Get and Retain Management Support for IH Programs
Presenter: Sarah Anderson, IFO Group.
2:30 p.m.–3:00 p.m.
H1b. Opioid Substance Abuse Trends and Clinical Intervention Strategies in Construction
Presenter: Paul Haas, GHP.

H2: Research Roundup Hazard Recognition/Big Data
A 113
Moderator: Natalie Fox, Roux Associates, Inc.
2:00 p.m.–2:30 p.m.
H2a. Biological Monitoring of Volatile Biomarkers
Presenter: Sebastien Gagne, IRSST.
2:30 p.m.–3:00 p.m.
H2b. Comparison of WBGT App and WBGT Monitor to Assess Heat Stress Risk
Presenter: Jo Anne Balanay, East Carolina University.

H3: What the OEHS Professional Needs to Know About Diversity, Equity, and Inclusion
B 233
Moderator/Presenter: Christina Roll, AXA XL.
Tuesday, May 21 Sessions

**H4: An Environmental Aspects and Impacts Register to Manage Sustainability**
A 230
Moderator/Presenter: CharlieAnne Huffam, GE HealthCare.
Presenter: Chad Peplinski, GE HealthCare.

**H5: The New Value of Safety and Health in an Evolving World**
A 223
Moderator: Charles Redinger, Institute for Advanced Risk Management.
Presenters: Lawrence Sloan, AIHA; Kalie Boot, Ovintiv Inc., Cananda; Anthony Panepinto, Procter & Gamble.

**H6: Production and Event Site Safety**
B 131
Moderator: JenneneLyda, Antea Group.

**H7: AIHA Laboratory Accreditation Programs: Moving Toward Field and Mobile Accreditation**
A 122
Moderator/Presenter: Cheryl Morton, AIHA.

**H8: Movie Matinee, Part 1 - Into the Weeds (Movie Viewing)**
A 220
Moderator: Hilarie Warren, Georgia Tech.

**H9: Managing New or Updated Chemical Safety Guidance and Regulations**
A 125
Moderator: Andrew Maier, Cardno ChemRisk.

**H10: Navigating Exposure Risks and Fire Hazards in Li-ion Battery Technologies**
A 213
Moderator: Andreas Wagner, WSP USA Inc.
Presenters: Yaniv Zagagi, WSP USA Inc.; Justin Milne, Jensen Hughes.

**H11: Reducing Chemical Exposures in Nail Salons Using Low-Cost Indoor Air Quality Sensors**
A 115
Student Moderator: Brian Pavilonis, City University of New York Graduate School of Public Health and Health Policy.
Student Presenters: Rachel Thompson, Samantha Fisher, Mike Ierardi, City University of New York Graduate School of Public Health and Health Policy.

**I1: Research Roundup Sampling and Analysis 2**
B 131
Moderator: Daniel Autenrieth, Montana Technological University.

**I1a. Use of a SmartSense Array for Investigation of Automobile Exhaust Entry Into an Apartment Building**
Presenter: Clifford Cooper, American Environmental Group and ASRC Federal.

**I1b. Analytical Validation and Field Comparison of DIS, IOM, and IFV Pro Samplers**
Presenter: Pierre-Luc Cloutier, IRSST.

**I2: Hazard Analysis Lessons Learned**
A 113
Moderator/Presenter: Kelsey Forde, Parvati Consulting LLC.
Presenter: Timothy Stirrup, Parvati Consulting LLC.

**I3: Interesting OSHA Health Cases - Facts From the Field - Part 1**
B 233
Moderator: William Donovan, OSHA.
Presenters: Randy Caldarelli, Abigail Sanders, USDOL/OSHA.
### Tuesday, May 21 Sessions

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Location</th>
<th>Time</th>
<th>Moderator/Presenter</th>
</tr>
</thead>
</table>
| 14:     | Legionnaires Disease Underreporting: Potential Impacts                | A 125    | 4:30 p.m.–5:30 p.m. | Alex Mavrelis, Gallagher Bassett Technical Services.  
**Moderator:** Alex Mavrelis, Gallagher Bassett Technical Services.  
**Presenter:** Alex LeBeau, Exposure Assessment Consulting LLC. |
| 15:     | The Intersection of Total Worker Health® and Environmental, Social, and Governance | B 230    | 4:30 p.m.–5:30 p.m. | Elizabeth Hill, SAIF Corporation.  
**Moderator:** Elizabeth Hill, SAIF Corporation.  
**Presenters:** Nancy Wilk, Douglas McNeil, WSP Canada Inc., Canada. |
| 16:     | Clothes Changing and Take-Home Risks for the Foundry Industry        | A 213    | 4:30 p.m.–5:30 p.m. | Benjamin Roberts, Benchmark Risk Group.  
**Moderator:** Benjamin Roberts, Benchmark Risk Group.  
**Presenters:** Tyler Ferracini, Jason Lotter, Insight Exposure & Risk Sciences Group. |
| 17:     | Lowering Occupational Exposure Limits and IH Method Capability        | A 210    | 4:30 p.m.–5:30 p.m. | Matt Szepanski, Dow.  
**Moderator/Presenter:** Matt Szepanski, Dow.  
**Presenter:** Daniel Rodabaugh, Dow Chemical. |
Tuesday, May 21 Sessions

**J5: Occupational, Environmental, Health, and Safety in Data Centers**
B 230
**Moderator:** Isabel Bacarella, Enbridge.
**Presenter:** William Nichols, QTS Data Centers.

**J6: Understanding the State of Safety Innovation in the Workplace**
A 210
**Moderator:** Sarah Williams Ischer, National Safety Council.
**Presenter:** Kathryn Crawford, National Safety Council.

**J7: Sampling and Analysis of Nicotine from Electronic Cigarette Emissions**
A 125
**Moderator/Presenter:** Toluwanimi Oni, University of Oklahoma Health Sciences Center.
**Presenter:** Evan Floyd, University of Oklahoma.

**J8: Drinking Water Exposome: USGS-Community Partnership Studies**
A 122
**Moderator/Presenter:** Kelly Smalling, US Geological Survey.
**Presenter:** Paul Bradley, US Geological Survey.

**J9: Thermal Stress Management, Prevention, and Monitoring**
B 131
**Moderator:** Matthew Zock, Amazon.
**Presenters:** William Mills Jr., Northern Illinois University; Spencer Pizzani, PepsiCo; Gabrielle Brewer, Korey Stringer Institute.

**J10: Decoding the Alphabet Soup**
A 223
**Moderator/Presenter:** Timothy Stirrup, Parvati Consulting LLC.
**Presenter:** Kelsey Forde, Parvati Consulting LLC.

**Expo Hall Activities**
See pp. 74-77 for food, activities, and more happening in the Expo Hall throughout the day. See pp. 36, 49, and 60 for the Innovation Station schedules.

*For a full list of co-authors and detailed abstracts, see AIHA Connect website.
Tuesday, May 21 Sessions

### Education Pop-Ups and Health & Wellness Schedule

<table>
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<tr>
<th>Time</th>
<th>Education Pop-Ups</th>
<th>Health &amp; Wellness Presenters</th>
<th>Health &amp; Wellness Location</th>
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</thead>
<tbody>
<tr>
<td>9:00 a.m.-9:25 a.m.</td>
<td>Pop-Up 2A: Awareness of Confined Spaces</td>
<td>Nick Seitz, Firefighter Safe; Warren Brown, Retired/VOS.</td>
<td>Exhibit Hall AB, Aisle 1300</td>
</tr>
<tr>
<td>9:30 a.m.-9:55 a.m.</td>
<td>Pop-Up 2B: Utilizing the ILER Mindset</td>
<td>Alex Cardone, Department of Defense</td>
<td></td>
</tr>
<tr>
<td>10:00 a.m.-10:25 a.m.</td>
<td>Pop-Up 2C: The Silent Epidemic of Hearing Loss From Noise Exposures</td>
<td>James Speckhart, USPHN-FDA</td>
<td></td>
</tr>
<tr>
<td>10:30 a.m.-10:55 a.m.</td>
<td>Pop-Up 2D: Interesting or Unusual Cases in Industrial Hygiene</td>
<td>Catherine Beaud, harn, Jessica LL, Ryan Leibau, CDC/NIOSH.</td>
<td></td>
</tr>
<tr>
<td>11:00 a.m.-11:25 a.m.</td>
<td>Pop-Up 2E: Exploring the Impact of AI on the OEHS/IT Field</td>
<td>Kimberly Burden, Quality Staffing Solutions - Hill Air Force Base.</td>
<td></td>
</tr>
<tr>
<td>11:30 a.m.-11:55 a.m.</td>
<td>Pop-Up 2F: Understanding the Importance of Data</td>
<td>Silvia Maberti, ExxonMobil Corporation; Jennifer Shin, ExxonMobil Biomedical Sciences Inc.</td>
<td>Exhibit Hall AB, Aisle 1300</td>
</tr>
<tr>
<td>Noon-12:25 p.m.</td>
<td>Pop-Up 2G: Cooking With Climate Change</td>
<td>Laura Allen, Stantec.</td>
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<tr>
<td>12:30 p.m.-12:55 p.m.</td>
<td>Pop-Up 2H: A Historical Prospective on the Use and Regulation of Pesticides</td>
<td>Harvard Fong, California Department of Pesticide Regulation.</td>
<td></td>
</tr>
<tr>
<td>1:00 p.m.-1:25 p.m.</td>
<td>Pop-Up 2I: An In-Depth Look at Heat Exposure and the Use of PHEM</td>
<td>Donald Elswick, Elsmart Associates LLC.; Ryan Potts, Laraine Locke, Eastman Chemical Company.</td>
<td></td>
</tr>
<tr>
<td>2:00 p.m.-2:25 p.m.</td>
<td>Pop-Up 2K: Harnessing Safety During Wildfires</td>
<td>Giovanna Reese, KPA LLC.</td>
<td></td>
</tr>
<tr>
<td>2:30 p.m.-2:55 p.m.</td>
<td>Pop-Up 2L: The Evolving State of Respiratory Protection</td>
<td>Stephanie Lynch, OHID, LLP.</td>
<td></td>
</tr>
<tr>
<td>3:00 p.m.-3:25 p.m.</td>
<td>Pop-Up 2M: Control Banding – Exposure Management in the UK</td>
<td>Parmit Gahir, Element Materials Technology, United Kingdom.</td>
<td></td>
</tr>
<tr>
<td>3:30 p.m.-3:55 p.m.</td>
<td>Pop-Up 2N: Strategies for Emotional Resilience</td>
<td>Emily Bailey, AccelWELL.</td>
<td></td>
</tr>
<tr>
<td>4:00 p.m.-4:25 p.m.</td>
<td>Pop-Up 2O: Boost Your Body's Natural Defenses</td>
<td>Emily Bailey, AccelWELL.</td>
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</tr>
<tr>
<td>4:30 p.m.-4:55 p.m.</td>
<td>Pop-Up 2P: Protein and Fiber Balance</td>
<td>Grace Thomas, AccelWELL.</td>
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</tbody>
</table>

♥ Health & Wellness presentations are available for virtual participants via prerecorded videos.

### Innovation Station Schedule

<table>
<thead>
<tr>
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<th>Exhibit Hall AB, Aisle 200</th>
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</thead>
<tbody>
<tr>
<td>9:05 a.m.-9:30 a.m.</td>
<td>SnakeBite - The World's Quietest Blast Nozzle sponsored by BlastOne International</td>
<td></td>
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<tr>
<td>9:35 a.m.-10:00 a.m.</td>
<td>Tyvek® Is Turning Up the Heat: Introducing Tyvek®-450 SFR sponsored by DuPont Personal Protection</td>
<td></td>
</tr>
<tr>
<td>10:05 a.m.-10:30 a.m.</td>
<td>Hearing Conservation: Hear From the Experts in Tablet-Based Hearing Testing by SHOEBOX LLC</td>
<td></td>
</tr>
<tr>
<td>10:35 a.m.-11:00 a.m.</td>
<td>Powered Air Purifying Respirators in Today's Workforce sponsored by Dräger</td>
<td></td>
</tr>
<tr>
<td>11:05 a.m.-11:30 a.m.</td>
<td>Innovations in Portable Calibration, Data Collection, and Enhanced Reporting sponsored by Sensidyne, LP</td>
<td></td>
</tr>
<tr>
<td>11:35 a.m.-12:00 p.m.</td>
<td>How Do You Measure the ROI of IAQ? sponsored by ThinkLite Air</td>
<td></td>
</tr>
<tr>
<td>12:05 p.m.-12:30 p.m.</td>
<td>Improved Grade D Breathing Air Sampling Process sponsored by Liberty Mutual Insurance</td>
<td></td>
</tr>
<tr>
<td>12:50 p.m.-1:15 p.m.</td>
<td>Empowering Industrial Athletes: Preventative Hydration Protocols for Heat Stress Management sponsored by Epicore Biosystems</td>
<td></td>
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<tr>
<td>1:20 p.m.-1:45 p.m.</td>
<td>Health Particles and Plant Sea, Automated With Machine Learning sponsored by Pollen Sense LLC</td>
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<tr>
<td>2:00 p.m.-2:25 p.m.</td>
<td>Introducing the Latest Innovations in Fit Testing Solutions sponsored by OHID</td>
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</tr>
<tr>
<td>2:30 p.m.-2:55 p.m.</td>
<td>Revolutionizing Occupational Noise Assessments With Svantek's Data Validation Tool sponsored by OHID and Svantek</td>
<td></td>
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At A Glance | Wednesday, May 22

All times listed are Eastern.

6:30 a.m.-7:15 p.m.
• Namaste With AIHA, Hilton, John Christie

7:00 a.m. – 4:00 p.m.
• Registration, Lobby, A 110

7:00 a.m. – 3:00 p.m.
• Speaker Ready Room Open, B 240

8:00 a.m.–9:00 a.m.
• K1: Research Roundup Hazard Recognition/Risk Assessment, A 213
• K2: Research Roundup Hazard Recognition/Health Care, A 210
• K3: Lessons Learned From a Career OEHS Professional Turned Manufacturing Manager, B 233
• K4: Occupational Exposure Banding Advanced Topics, A 113
• K5: If It’s Not Equitable, It’s Not Ergonomic, B 230
• K6: Leadership and Influence Among High Performing Safety and Health Professionals, A 223
• K7: Prevention of Occupational Skin Diseases, A 220
• K8: Communicating Risk: Expanding on the Sandman Outrage Model, A 122
• K10: CIH Exam Equations Visually Explained With Clever Calculations, A 125

8:00 a.m.–12:00 p.m.
• TT-03: American Nitrile Operations LLC - Wednesday Tour, Bus Loop on the GCCC Connector

9:00 a.m.–12:00 p.m.
• TT-04: The Spine Research Institute and Brinkman Lab at Ohio State University, Bus Loop on the GCCC Connector

9:00 a.m.–12:30 p.m.
• TT-05: The Spine Research Institute and Brinkman Lab at Ohio State University, Bus Loop on the GCCC Connector

9:30 a.m.–12:30 p.m.
• L1: Research Roundup Sensor Technology, A 213
• L2: Research Roundup Ergonomics, A 223
• L3: Enhancing Safety Conversations With Templates and Content, B 233
• L4: Supporting Women in Mining: DEI and Reproductive Health, B 230
• L5: Keys to Our Future - Part 1: Paradigm Shifts, A 210
• L6: Common Mistakes With the Application of a Risk Matrix, A 220
• L7: Revolutionizing Worker Safety: Reactive to Proactive, A 122
• L8: Industrial Hygiene in Electric Vehicle Applications, A 113
• L9: The Emerging North American Cannabis Industry, B 131
• L10: How to Train for and Beat the CIH Exam, A 125

9:30 a.m.–12:30 p.m.
• TT-06: The Spine Research Institute and Brinkman Lab at Ohio State University, Bus Loop on the GCCC Connector

10:00 a.m.–12:10 p.m.
• TT-07: BeneLeaves - Wednesday Tour, Bus Loop on the GCCC Connector

10:00 a.m.–12:10 p.m.
• TT-08: The Spine Research Institute and Brinkman Lab at Ohio State University, Bus Loop on the GCCC Connector

10:30 a.m.–11:30 a.m.
• M1: Research Roundup Changing Workplaces, Workforce, and Work Arrangements, B 131
• M2: Research Roundup Nanotechnology, B 233
• M3: Nobody Likes Mandates: How to Talk OEHS, A 113
• M4: Stories Told by Trailblazing Women in OEHS, A 213
• M5: Keys to Our Future - Part 2: Frameworks and Metrics, A 210
• M6: Soft Skill Development Will Attract and Retain Talented Personnel, A 233
• M7: The Impulse Noise Inventory, A 122
• M8: Primary and Secondary Industrial Flame Resistant Ensemble Garments, A 220

At A Glance | Wednesday, May 22

9:00 a.m.–12:00 p.m.
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• M2: Research Roundup Nanotechnology, B 233
• M3: Nobody Likes Mandates: How to Talk OEHS, A 113
• M4: Stories Told by Trailblazing Women in OEHS, A 213
• M5: Keys to Our Future - Part 2: Frameworks and Metrics, A 210
• M6: Soft Skill Development Will Attract and Retain Talented Personnel, A 233
• M7: The Impulse Noise Inventory, A 122
• M8: Primary and Secondary Industrial Flame Resistant Ensemble Garments, A 220
At A Glance

Wednesday, May 22

All times listed are Eastern.

• M9: Addressing Bioaerosols, Indoor Air Quality, and Climate Change, A 125
• M10: Accelerate Your IH Career, B 230
• Poster Session 4-Professional - Author Attend Time, Exhibit Hall AB, End of Aisle 500

1:00 p.m.–2:00 p.m.
• N1: Research Roundup Standards and Regulations/Chemical Hazards, B 131
• N2: Research Roundup Safety, B 230
• N3: Confined Space: Using Reclassification Processes, A 210
• N4: Everything You Wanted to Know About Hazard Analysis, A 113
• N5: Perchlorate Contamination in Decommissioning of Fume Hoods and Exhaust Systems, A 223
• N6: Measuring Performance Using a Safety Profile Scorecard, A 122
• N7: Health and Safety in the Entertainment Industry, A 213
• N8: Introduction to Ethics for the EHS Professional, B 233
• N9: Lessons From the Imperial Trans-Antarctic Expedition, A 220
• N10: ASHRAE Standard 241: IH Control of Infectious Aerosols, A 125

2:15 p.m.–3:15 p.m.
• O1: Research Roundup Sampling and Analysis 3, B 131
• O2: Excavation Pipeline Welding Exposure Assessment, B 230

3:30 p.m.–4:45 p.m.
• O3: Mitigating Static Electricity Hazards in Industrial Processes, A 210
• O4: Cracking the Code of Dermal Exposure Modeling, A 213
• O5: Benchmark Concentration Modeling for Carcinogenic and Non-Carcinogenic Effects, A 113
• O6: Health and Safety in the Cannabis Industry, A 223
• O7: Respiratory Protection for the Public and Workers Without Respiratory Protection Programs, A 125
• O8: Case Studies in EHS Ethics, B 233
• O9: Field Performance of Hearing Protection Devices, A 122
• O10: A Fresh Perspective and Integrated Approach to PIP Hazard Analysis, A 220

3:30 p.m.–4:45 p.m.
• Closing General Session: The Neuroscience of Innovation – and How to Develop New Insights, Battelle Grand

Helena Boschi

Sessions marked with ⌘ will be broadcast for Virtual AIHA CONNECT.

Sessions marked with 🔴 are included in OnDemand. Sessions, schedule, and inclusion in OnDemand are subject to change.

Full session descriptions may be found in the mobile app. Events take place at the Greater Columbus Convention Center unless otherwise noted.

Click on the course or session title to get the full description.

See the full list of Board/Volunteer Group/Committee/Advisory Group meetings on p. 22.
At A Glance | Wednesday, May 22

**Education Pop-Ups and Health & Wellness Schedule**

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<td></td>
<td>Protein and Fiber Balance</td>
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<td></td>
<td>Presenter: Grace Thomas, AccelWELL.</td>
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<td>8:30 a.m.-8:55 a.m.</td>
<td></td>
<td>Strategies for Emotional Resilience</td>
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<td></td>
<td>Presenter: Jennifer Masci, AccelWELL.</td>
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<tr>
<td>9:00 a.m.-9:25 a.m.</td>
<td>Pop-Up 3A: Understanding the Hazards Posed by Working in a Laboratory</td>
<td>Smart Swaps: Reducing Added Salt and Sugar</td>
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<td>Presenter: Jennie Cox, NIOSH.</td>
</tr>
<tr>
<td>9:30 a.m.-9:55 a.m.</td>
<td>Pop-Up 3B: NIOSH Resources for Occupational Hygiene Professionals</td>
<td>Mental Health and Micromeditation</td>
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<td>Presenter: Thomas Levyz, NIOSH/CDC.</td>
</tr>
<tr>
<td>10:00 a.m.-10:25 a.m.</td>
<td>Pop-Up 3C: Improving Hazard Identification Using NIOSH’s EXAMiner Training Tool</td>
<td>Tips to Improve Sleep</td>
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<td>Presenter: Kendra Broadwater, NIOSH.</td>
</tr>
<tr>
<td>11:00 a.m.-11:25 a.m.</td>
<td>Pop-Up 3E: Mental Health Literacy: Coaching Front Line Supervisors to Recognize At-Risk Workers</td>
<td></td>
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<td>Presenter: Anthony Paneprino, Procter &amp; Gamble.</td>
</tr>
<tr>
<td>11:30 a.m.-11:55 a.m.</td>
<td>Pop-Up 3B: NIOSH Resources for Occupational Hygiene Professionals</td>
<td>Maintaining Mobility and Movement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Presenter: Thomas Levyz, NIOSH/CDC.</td>
</tr>
<tr>
<td>Noon-12:25 p.m.</td>
<td>Pop-Up 3G: Air Sampling Strategies for Asbestos</td>
<td>Blood Pressure and Cholesterol: What You Need to Know</td>
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<tr>
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<td>Presenters: Heather Avens, Brooke Simmons, Insight Exposure and Risk Sciences.</td>
</tr>
<tr>
<td>2:00 p.m.-2:25 p.m.</td>
<td>Pop-Up 3H: Introduction to Ototoxicants and Crafting Foundational Procedures for a Safer Workplace</td>
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<td></td>
<td></td>
<td>Presenter: Alex Cardone, Department of Defense.</td>
</tr>
<tr>
<td>2:30 p.m.-2:55 p.m.</td>
<td>Pop-Up 3I: Understanding the Hazards Posed by Working in a Laboratory</td>
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<td></td>
<td>Presenter: Jennie Cox, NIOSH.</td>
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**Innovation Station Schedule**

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<tr>
<td>9:05 a.m.-9:30 a.m.</td>
<td></td>
<td>Empowering Supply Chain Safety: Veriforce Worker Pass Demonstration for Enhanced Site Access Control and Cognitive Fitness Assessment sponsored by Veriforce.</td>
</tr>
<tr>
<td>9:35 a.m.-10:00 a.m.</td>
<td>Draeger</td>
<td>Accurate Hydrogen Portable Gas Detection sponsored by Draeger.</td>
</tr>
<tr>
<td>10:05 a.m.-10:30 a.m.</td>
<td>Cority</td>
<td>Introducing the NEW Industrial Hygiene Calculation Engine by Cority.</td>
</tr>
<tr>
<td>11:35 a.m.-Noon</td>
<td></td>
<td>Empowering Supply Chain Safety: Veriforce Worker Pass Demonstration for Enhanced Site Access Control and Cognitive Fitness Assessment sponsored by Veriforce.</td>
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</tbody>
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EXCLUSIVE DISCOUNTS
MAY 17 – MAY 31, 2024

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20% discount and free shipping promotion available May 17 – May 31, 2024 and applies to select eLearning and print, PDF, and KIT versions for select publications.
Wednesday, May 22 Sessions

8:00 a.m.–9:00 a.m.

**K1: Research Roundup Hazard Recognition/Risk Assessment**  
A 213  
**Moderator:** Karen Jones, Gulf Coast HSE Consulting Services LLC.  
8:00 a.m.–8:30 a.m.  
**K1a. Traditional vs. Statistical Exposure Assessment Approaches**  
**Presenter:** Michael Johnson, WA State OSHA.  
8:30 a.m.–9:00 a.m.  
**K1b. Dust Explosion Case: Lessons Learned and Risk Reduction Strategies**  
**Presenter:** Vahid Ebadat, Stonehouse Process Safety, Inc.

8:00 a.m.–8:30 a.m.

**K2: Research Roundup Hazard Recognition/Health Care**  
A 210  
**Moderator:** Julie Panko, ToxStrategies.  
8:00 a.m.–8:30 a.m.  
**K2a. Closed System Drug Transfer Devices (CSTDs) for Hazardous Drugs**  
**Presenter:** Tina I En Chiang, Fraser Health Authority.  
8:30 a.m.–9:00 a.m.  
**K2b. Practical Application of TLV®-Surface Limits in a Safe Workplace**  
**Presenter:** James Weldy, Dow Chemical.

8:00 a.m.–9:00 a.m.

**K3: Lessons Learned From a Career OEHS Professional Turned Manufacturing Manager**  
B 233  
**Moderator/Presenter:** Eric White, AbbVie Inc.

8:00 a.m.–9:00 a.m.

**K4: Occupational Exposure Banding Advanced Topics**  
A 113  
**Moderator/Presenter:** Renee Hartsook, Takmos LLC.

8:00 a.m.–9:00 a.m.

**K5: If It’s Not Equitable, It’s Not Ergonomic**  
B 230  
**Moderator/Presenter:** Sarah Williams Ischer, National Safety Council.  
**Presenter:** Rebecca Martin, National Safety Council.

8:00 a.m.–9:00 a.m.

**K6: Leadership and Influence Among High Performing Safety and Health Professionals**  
A 223  
**Moderator:** Mandie Kramer, ToxStrategies.  
**Presenters:** Jason Kunz, 3M Company, Perry Logan, 3M Corp Safety and Industrial Hygiene.

8:00 a.m.–9:00 a.m.

**K7: Prevention of Occupational Skin Diseases**  
A 220  
**Moderator:** Bailey Reggetz, NIOSH/CDC.  
**Presenter:** Michelle Percival, Peter Greven U.S. Corporation.

8:00 a.m.–9:00 a.m.

**K8: Communicating Risk: Expanding on the Sandman Outrage Model**  
A 122  
**Moderator/Presenter:** George Gruetzmacher, WI State Laboratory of Hygiene.

8:00 a.m.–9:00 a.m.

**K10: CIH Exam Equations Visually Explained With Clever Calculations**  
A 125  
**Moderator:** Michael Henderson, HETI.  
**Presenter:** Daniel Farcas, Hydro-Environmental Technologies Inc.

9:15 a.m.–10:15 a.m.

**L1: Research Roundup Sensor Technology**  
A 213  
**Moderator:** Jennifer Maclachlan, PID Analyzers LLC.  
9:15 a.m.–10:15 a.m.  
**L1a. Direct-Reading Instruments to Solve Real-World IH Challenges**  
**Presenter:** Craig Maunder, Stantec.
Wednesday, May 22 Sessions

9:45 a.m.–10:15 a.m
L1b. New Method for Quantification of Airborne Carbon Nanotube Concentrations
Presenter: Kevin Sparwasser, Stat Peel Ltd.

L2: Research Roundup Ergonomics
Moderator: Christina Roll, AXA XL.
9:15 a.m.–9:45 a.m.
L2a. Office Ergonomics Program: From Fragmented to Harmonized
Presenter: Wendy Lee, Enbridge Inc.
9:45 a.m.–10:15 a.m
L2b. Driver and Vehicle Ergonomics Program
Presenter: Wendy Lee, Enbridge Inc.

L3: Enhancing Safety Conversations With Templates and Content
Moderator/Presenter: Lindsay Fenton, Shannex Inc., Canada.
Presenter: Louise Trotter, Shannex Inc.

L4: Supporting Women in Mining: DEI and Reproductive Health
Moderator: Corrine Balcaen, Teck Resources, Canada.
Presenters: Courtney Gendron, Nancy Wilk, WSP Canada Inc., Canada.

L5: Keys to Our Future - Part 1: Paradigm Shifts
Moderator: Frederick Boelter, Boelter Risk Sciences and Engineering LLC.
Presenters: Andrew Maier, Cardno ChemRisk; Glenn Barbi, Retired; Frank Hearl, Hearl Environmental Consulting LLC.

L6: Common Mistakes With the Application of a Risk Matrix
Moderator/Presenter: Kelsey Forde, Parvati Consulting LLC.
Presenter: Timothy Stirrup, Parvati Consulting LLC.

L7: Revolutionizing Worker Safety: Reactive to Proactive
Moderator/Presenter: Ralph Neiman, Industrial Scientific Corporation.
Presenter: Nick Viera, Industrial Scientific Corporation.

L8: Industrial Hygiene in Electric Vehicle Applications
Moderator: Adam Calisti, University of Michigan.
Presenters: Elizabeth Nuñez, Carrie Brown, General Motors.

L9: The Emerging North American Cannabis Industry
Moderator: Sylvia Fontes, Forensic Analytical Consulting.
Presenters: Angela Wheeler, Chemscape Safety Technologies; Marina Jabsky, NYCOSH; David Kahane, Forensic Analytical.

L10: How to Train for and Beat the CIH Exam
Moderator: Christopher Robertson Technical Environmental Services Inc.
Presenter: Rustin Reed, Tulane University.

10:30 a.m.–11:30 a.m.
M1: Research Roundup Changing Workplaces, Workforce, and Work Arrangements
Moderator: Aurora Le, Texas A&M University School of Public Health.

M1a. OSHA Citation of Cannabis MSO Following a Fatality
Presenter: Rod Harvey, RHP Risk Management.
Wednesday, May 22 Sessions

11:00 a.m.–11:30 a.m
M1b. Hazard and Control Banding in Practice for Cannabis
Presenter: Angela Wheeler, Chemscape Safety Technologies.

M2: Research Roundup Nanotechnology
Moderator: Joseph Dartt, US DOL/OSHA.
10:30 a.m.–11:00 a.m.
M2a. Particles Released During Cutting of Multi-Walled Carbon Nanotubes-Reinforced Concrete
Presenter: Eun Gyung Lee, NIOSH/CDC.
11:00 a.m.–11:30 a.m
M2b. NIOSH Nanotechnology Research Center (NTRC): Looking Ahead to the Future
Presenter: Jay Vietas, NIOSH.

M3: Nobody Likes Mandates: How to Talk OEHS
Moderator: Scott Strickland, Work Health Solutions.
Presenter: Dean Frieders, Mobile-Med Work Health Solutions Inc.

M4: Stories Told by Trailblazing Women in OEHS
Moderator: Isabel Bacarella, Enbridge.

M5: Keys to Our Future - Part 2: Frameworks and Metrics
Moderator: Frederick Boelter, Boelter Risk Sciences and Engineering LLC.
Presenters: Elizabeth Hill, SAIF Corporation; Mary O’Reilly, ARLS Consulting; Charles Redinger, Institute for Advanced Risk Management.

M6: Soft Skill Development Will Attract and Retain Talented Personnel
Moderator/Presenter: Alex Cardone, Department of Defense.

M8: Primary and Secondary Industrial Flame Resistant Ensemble Garments
Moderator: Mark Tartaglia, EHS Impact Solutions, LLC.

M9: Addressing Bioaerosols, Indoor Air Quality, and Climate Change
Moderator/Presenter: Nancy McClellan, Occupational Health Management, Inc.
Presenter: Linda Lee, Kenneth Martinez, IBEC.

M10: Accelerate Your IH Career
Moderator: Christopher Robertson, Technical Environmental Services, Inc.
Presenter: Rustin Reed, Tulane University.

Poster Session 4 – Professional - Author Attend Time
Exhibit Hall AB, End of Aisle 500

See page 67 for posters on these topics. For a full list of co-authors and detailed abstracts, see AIHA Connect website.
**Wednesday, May 22 Sessions**

**1:00 p.m.–2:00 p.m.**

**N1: Research Roundup Standards and Regulations/Chemical Hazards**  
B 131
Moderator: Matthew Soltis, Tetratech.
1:00 p.m.–1:30 p.m.  
**N1a. Coalitions to Advocate for Building Code Changes**  
Presenter: William Sothern, Microecologies Inc.
1:30 p.m.–2:00 p.m.  
**N1b. Challenges of Using Fluoropolymers: Recent Regulations**  
Presenter: Allison Persing, RHP Risk Management Inc.

**N2: Research Roundup Safety**  
B 230
Moderator: Joseph Darrt, US DOL/OSHA.
1:00 p.m.–1:30 p.m.  
**N2a. Film and Television Industry Exposure Controls: Moving the IH Needle**  
Presenter: Levi Kimble, Aura Health & Safety Corp.
1:30 p.m.–2:00 p.m.  
**N2b. Safety for Nonprofits: Giving Back**  
Presenters: Donald Elswick, Elsmart Associates LLC; Nancy Orr, Sage Health and Safety LLC; Jack Geissert, Safety For NonProfits (S4NP).

**N3: Confined Space: Using Reclassification Processes**  
A 210  
**Moderator:** Kenneth Eck, Quality Environmental Solutions Inc.  
**Presenter:** Jon Archambeau, HDR Inc.

**N4: Everything You Wanted to Know About Hazard Analysis**  
A 113  
**Moderator/Presenter:** Timothy Stirrup, Parvati Consulting LLC  
**Presenter:** Kelsey Forde, Parvati Consulting LLC.

**N5: Perchlorate Contamination in Decommissioning of Fume Hoods and Exhaust Systems**  
A 223  
**Moderator/Presenter:** Camille Gervais, Canadian Nuclear Laboratories, Canada.  
**Presenter:** Hooman Golshahi, Canadian Nuclear Laboratories, Canada.

**N6: Measuring Performance Using a Safety Profile Scorecard**  
A 122  
**Moderator/Presenter:** Lindsay Fenton, Shannex Inc., Canada.  
**Presenter:** Louise Trotter, Shannex Inc., Canada.

**N7: Health and Safety in the Entertainment Industry**  
A 213  
**Moderator:** Justine Parker, Stantec ChemRisk.  
**Presenters:** Taylor Tarpey, Lauren Gloekler, Stantec ChemRisk.

**N8: Introduction to Ethics for the EHS Professional**  
B 233  
**Moderator/Presenter:** John Moore, Control EHS.  
**Presenter:** Bryan Seal, Indiana University of PA.

**N9: Lessons From the Imperial Trans-Antarctic Expedition**  
A 220  
**Moderator:** Stephanie Caler, Duke Health/Duke University.  
**Presenter:** Bradley Rodgers, FutureFuel Chemical Company.

**N10: ASHRAE Standard 241: IH Control of Infectious Aerosols**  
A 125  
**Moderator/Presenter:** Donald Weekes, Retired, Canada.
Wednesday, May 22 Sessions

2:15 p.m.–3:15 p.m.

**O1: Research Roundup Sampling and Analysis 3** B 131
Moderator: Daniel Autenrieth, Montana Technological University.
2:15 p.m.–2:45 p.m.
O1a. Accuracy of Personal Monitoring Badges: Does It Matter?
Presenter: Charles Manning, Assay Technology Inc.

2:45 p.m.–3:15 p.m.
O1b. Personal Air Monitoring Badges: Issues and Misconceptions
Presenter: Maria Peralta, Assay Technology/AT Labs/Miller Nelson.

**O2: Excavation Pipeline Welding Exposure Assessment** B 230
Moderator: Jerome Spear, Spear & Lancaster LLC.
Presenter: Arlen Siert, Xcel Energy.

**O3: Mitigating Static Electricity Hazards in Industrial Processes** A 210
Moderator/Presenter: Vahid Ebadat, Stonehouse Process Safety, Inc.

2:15 p.m.–3:15 p.m.

**O4: Cracking the Code of Dermal Exposure Modeling** A 213
Moderator/Presenter: Joshua Maskrey, Insight Exposure & Risk Sciences Group.
Presenters: Mandie Kramer, ToxStrategies; Deanna Badger, Insight Exposure & Risk Sciences Group.

**O5: Benchmark Concentration Modeling for Carcinogenic and Non-Carcinogenic Effects** A 113
Moderator: Bailley Reggetz, NIOSH/CDC.
Presenter: Andrey Korchevskiy, Chemistry & Industrial Hygiene Inc.

**O6: Health and Safety in the Cannabis Industry** A 223
Moderator: Diane Cuyle, Partner Engineering & Science Inc.
Presenters: Dan Bracey, Brian Nemetz, Partner Engineering and Science Inc.

**O7: Respiratory Protection for the Public and Workers Without Respiratory Protection Programs** A 125
Moderator: Richard Neitzel, University of Michigan.
Presenters: Shawn Gibbs, Aurora Le, Texas A&M University School of Public Health.

2:15 p.m.–3:15 p.m.

**O8: Case Studies in EHS Ethics** B 233
Moderator/Presenter: John Moore, Control EHS.
Presenter: Bryan Seal, Indiana University of PA.

**O9: Field Performance of Hearing Protection Devices** A 122
Moderator: Christa Themann, NIOSH.
Presenters: Wei Gong, David Byrne, CDC/NIOSH.

2:15 p.m.–3:15 p.m.

**O10: A Fresh Perspective and Integrated Approach to PtD Hazard Analysis** A 220
Moderator/Presenter: Timothy Stirrup, Parvati Consulting LLC.
Presenter: Kelsey Forde, Parvati Consulting LLC.
Closing General Session - The Neuroscience of Innovation – and How to Develop New Insights

3:30 p.m.–4:45 p.m.
Battelle Grand Ballroom

Presenter: Helena Boschi, PhD

Dr. Helena Boschi is a psychologist who focuses on applied neuroscience in the workplace. Her particular areas of interest include the brain and behavior, our emotional and rational neural networks, and how to improve our cognitive abilities in order to get the best out of our own and others’ brainpower. Boschi has also researched the influence of cognitive biases and corporate psychopathy across different organizations. Recently, she investigated the impact of chronic, work-induced stress on brain function and published the book, “Why We Do What We Do: Understanding Our Brain to Get the Best Out of Ourselves and Others.”

Boschi has spent the last 25 years working closely with businesses to define and design new initiatives, particularly in the areas of organizational behavior, leadership and team development, intercultural communication, and organizational change. She has held senior talent management and organization development positions within international companies and now works predominantly in the telecommunications, pharmaceutical, and finance industries. She has delivered and coordinated tailored development in different countries in line with requisite capabilities and business requirements and created a reliable process for building a talent pipeline. Boschi believes in creating an energized and participative learning environment while, at the same time, treating people with sensitivity and respect. She has lived and worked in Switzerland and the US and now works extensively across the Middle East, Europe, the US, Africa, and Asia. She works at all levels within organizations and also coaches senior executives.

With a deep commitment to ongoing research in current organizational and psychological trends, Helena possesses keen insight into best and evolving practices in learning, communication, and leadership. A member of the British Psychological Society, she brings a scientific edge to the work she delivers and continues to apply the latest developments in the fields of psychology, neuroscience, and behavior to the organizational context.
### Education Pop-Ups and Health & Wellness Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Education Pop-Ups</th>
<th>Health &amp; Wellness</th>
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</thead>
</table>
| 8:00 a.m.-8:25 a.m. | Pop-Up 3A: Understanding the Hazards Posed by Working in a Laboratory  
**Presenter:** Jennie Cox, NIOSH. | Protein and Fiber Balance  
**Presenter:** Grace Thomas, AccelWELL. |
| 8:30 a.m.-8:55 a.m. | Pop-Up 3B: NIOSH Resources for Occupational Hygiene Professionals  
**Presenter:** Thomas Leyz, NIOSH/CDC. | Strategies for Emotional Resilience  
**Presenter:** Jennifer Masci, AccelWELL. |
| 9:00 a.m.-9:25 a.m. | Pop-Up 3C: Improving Hazard Identification Using NIOSH’s EXAMiner Training Tool  
**Presenter:** Kendra Broadwater, NIOSH. | Smart Swaps: Reducing Added Salt and Sugar  
**Presenter:** Grace Thomas, AccelWELL. |
| 9:30 a.m.-9:55 a.m. | Pop-Up 3D: Secrets of the Revised NIOSH Lifting Equation  
**Presenters:** William Mills Jr., Northern Illinois University; James McIsaac, Purdue University. | Mental Health and Micromeditation  
**Presenter:** Jennifer Masci, AccelWELL. |
| 10:00 a.m.-10:25 a.m. | Pop-Up 3E: Mental Health Literacy: Coaching Front Line Supervisors to Recognize At-Risk Workers  
**Presenter:** Anthony Panevito, Procter & Gamble. | Tips to Improve Sleep  
**Presenter:** Grace Thomas, AccelWELL. |
| 11:00 a.m.-11:25 a.m. | Pop-Up 3F: Integrating Safety and Wellness Programs to Improve Total Worker Health  
**Presenters:** Amanda Cote, Jonathan Biron, Microsoft. | Stretching: Improve Neck and Back Pain  
**Presenter:** Grace Thomas, AccelWELL. |
| Noon-12:25 p.m. | Pop-Up 3G: Air Sampling Strategies for Asbestos  
**Presenters:** Heather Avens, Brooke Simmons, Insight Exposure and Risk Sciences. | Blood Pressure and Cholesterol: What You Need to Know  
**Presenter:** Grace Thomas, AccelWELL. |

### Innovation Station Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Sponsor</th>
<th>Exhibit Hall AB, Aisle 200</th>
</tr>
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</table>
| 9:05 a.m.-9:30 a.m. | Empowering Supply Chain Safety: Veriforce  
Worker Pass Demonstration for Enhanced Site Access Control and Cognitive Fitness Assessment sponsored by Veriforce. |  
| 9:35 a.m.-10:00 a.m. | Accurate Hydrogen Portable Gas Detection  
**Sponsored by Draeger.** |  
| 10:05 a.m.-10:30 a.m. | Introducing the New Industrial Hygiene Calculation Engine by Cority |  
| 11:35 a.m.-Noon | Empowering Supply Chain Safety: Veriforce  
Worker Pass Demonstration for Enhanced Site Access Control and Cognitive Fitness Assessment sponsored by Veriforce. |  

- Health & Wellness presentations are available for virtual participants via prerecorded videos.
OEESC comes to the U.S. in September!

The Occupational and Environmental Exposure of the Skin to Chemicals, or OEESC conference, is the leading international conference on skin exposure. Experts from a wide range of fields including occupational health and safety, toxicology, risk assessment and communication, skin permeation, dermatology, skin health, product stewardship, and consumer safety attend.

Learn more at aiha.org/oeesc

REGISTRATION IS NOW OPEN!

Showcase your business at the premier platform for the exchange of new scientific discoveries and practical ideas regarding dermal exposure concerns from around the globe.

Contact sponsorship@aiha.org for information on exhibitor and sponsorship opportunities.
### At A Glance Thursday, May 23

All times listed are Eastern.

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30 a.m.–10:00 a.m.</td>
<td>• Registration Open, A 110</td>
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<tr>
<td>7:00 a.m.–7:30 a.m.</td>
<td>• PDC Monitor Meeting, B 240</td>
</tr>
<tr>
<td>7:00 a.m.–5:00 p.m.</td>
<td>• Speaker Ready Room Open, B 240</td>
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<tr>
<td></td>
<td>• PDC 803: <strong>A Hands-On Exercise in Firearm Impulse Noise Measurement</strong> - NEW!, BlackWing Shooting Center <strong>NOTE: Bus leaves promptly at 7:00 a.m. from the Bus Loop on the GCCC Connector</strong></td>
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In partnership with

- GRAS Inc.
- HUXWRX Safety Co.

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<th>Time</th>
<th>Event</th>
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<tr>
<td>8:00 a.m.–Noon</td>
<td>• PDC 901: Localized Fatigue and Application of the ACGIH TLV® - NEW!, A 210</td>
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<td>• PDC 902: Skills, Tools, and Technologies for Addressing Bioaerosols, IAQ, and Climate Change - NEW!, B 230</td>
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<td>• PDC 903: The Role of IH in Achieving Safe, Energy-Efficient Labs and Critical Workspaces - NEW!, B 233</td>
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<td></td>
<td>• PDC 904: Process Safety Management/Risk Management Program Compliance Audit - NEW!, A 220</td>
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8:00 a.m.–5:00 p.m.

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td></td>
<td>• PDC 801: <strong>Identifying and Controlling Plant and Animal Hazards in the Workplace</strong> - NEW!, A 213</td>
</tr>
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<td></td>
<td>• PDC 802: Statistics in R for IHs - NEW!, A 122</td>
</tr>
<tr>
<td>10:00 a.m.–10:30 a.m.</td>
<td>• Thursday AM PDCs Refreshment Break, Union Station A</td>
</tr>
<tr>
<td>12:00 p.m.–1:00 p.m.</td>
<td>• PDC Luncheon, Union Station A</td>
</tr>
<tr>
<td>1:00 p.m.–5:00 p.m.</td>
<td>• PDC 1001: Love...No Ego, Heart-Led Engagement and Leadership - NEW!, A 210</td>
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<td>• PDC 1002: Assessment and Hazards of PFAS - NEW!, B 230</td>
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<td></td>
<td>• PDC 1003: Evaluating Residences Impacted by Smoke and Products of Combustion - NEW!, B 233</td>
</tr>
<tr>
<td></td>
<td>• PDC 1004: Preventing Flash Fire and Explosion Hazards in Industrial Processes - A 113</td>
</tr>
<tr>
<td>3:00 p.m.–3:30 p.m.</td>
<td>• Thursday PM PDCs Refreshment Break, Union Station A</td>
</tr>
</tbody>
</table>

See the full list of Board/Volunteer Group/Committee/Advisory Group meetings on p. 22.

Sessions marked with ![broadcast](https://example.com) will be broadcast for Virtual AIHA CONNECT.

Sessions marked with ![ondemand](https://example.com) are included in OnDemand. Sessions, schedule, and inclusion in OnDemand are subject to change.

**Full session descriptions may be found in the mobile app.** Events take place at the Greater Columbus Convention Center unless otherwise noted.

See the full list of Board/Volunteer Group/Committee/Advisory Group meetings on p. 22.

### AIHA CONNECT 2024

62
Poster Session 1–Professional

Monday, May 20, 2024

Author Attend Time
11:15 a.m.–12:15 p.m.
Exhibit Hall AB, End of Aisle 500

Topics: Aerosols & Airborne Particulates, Changing Workplaces, Workforce, and Work Arrangements, Construction, Epidemiology, Risk Assessment and Management, Sampling and Analysis

- 1049 - Traumatic Respiratory-related Injuries in the Workplace — United States, 2011–2022
  Presenter: Nirmala Myers, CDC NIOSH

- 1109 - Occupational Exposure to Cosmetic Talc and Mesothelioma in Barbers, Hairdressers, and Cosmetologists
  Presenter: Ryan Lewis, Benchmark Risk Group

- 1162 - Development of a Cyclone Separator Assembly for Horizontal Aerosol Sampling
  Presenter: Shibo Wang, The University of Texas at Dallas

- 1164 - Occupational Exposures to Particles, Volatile Organic Compounds, and Other Chemical Compounds From Surgical Smoke
  Presenter: Sungho Kim

- 1173 - A Systematic Review of the Epidemiology of Hair Relaxer Use and Hormone-Sensitive Reproductive Outcomes in Adult Women
  Presenter: Sierra Smith, Benchmark Risk Group

- 1237 - Reported Exposures to Respirable Crystalline Silica During Construction Tasks and Guidance for Harmonizing Future Research
  Presenter: Neva Jacobs, Cardno ChemRisk

- 1279 - Exposure to Bioaerosols in a Poultry House: a Holistic Analytical Approach
  Presenter: Rafal Gorny, Central Institute for Labour Protection - National Research Institute

- 1297 - Historical Asbestos Exposures in Non-US Countries: Australia
  Presenter: Kristen Hitchcock, Ramboll

- 1302 - Historical Asbestos Exposures in Non-US Countries: United Kingdom
  Presenter: Stephanie Stavropoulos, Ramboll

- 1351 - A Case Study of Exposure Assessment and Risk Characterization in the Iron and Steel Rolling Mills
  Presenter: Ephraim Massawe, Southeastern Louisiana University

- 1406 - Characterizing Microcystin Inhalation During Lake Erie Cyanobacterial Blooms
  Presenter: April Ames, University of Toledo
Poster Sessions

Poster Session 2–Student
Tuesday, May 21, 2024
Author Attend Time
9:00 a.m.–10:00 a.m.
Exhibit Hall AB, End of Aisle 500

Topics:

- **1546** - Emissions from Desktop Laser Cutting and Engraving of Various Common Materials
  Presenter: Xinyi Niu, University of Cincinnati

- **1550** - Effect of Using Monte Carlo Simulations to Incorporate Uncertainty in Ventilation Parameters on Exposure Estimates
  Presenter: Emily Huber, University of Iowa

- **1551** - Establishment of a New Method for the Determination of Titanium Dioxide Nanoparticles in Air with Impingers and Single Particle Inductively Coupled Plasma Mass Spectrometry (sp-ICP-MS)
  Presenter: John Hsu, National Taiwan University, Taiwan

- **1553** - Improvement of Response Time and Detection Limit on Beta Gauge Particulate Monitor
  Presenter: Qi-Xiang Li, National Taiwan University, Taiwan

- **1554** - Development and Testing of a Breath-Responsive Personal Exhaled Breath Aerosol Receiver (BR-PEBAR)
  Presenter: Ruei-Chun Lin, National Taiwan University, Taiwan

- **1555** - Efficacy of Different Types of Masks in Protecting the Environment and Individual
  Presenter: Hsiao Chi Cheng, National Taiwan University, Taiwan

- **1556** - Experimental Study on Optimum CADR Filter Thickness of Air Purifiers
  Presenter: Pei-Yao Tsai, National Taiwan University, Taiwan

- **1559** - Cold Spray Powder Emissions in a Laboratory Setting
  Presenter: Bailley Reggetz, West Virginia University

- **1563** - Radiological Decontamination Methodologies on Litter-Bound Patients in Arctic Environments and the Associated Airborne Risks Posed to First Responders
  Presenter: Juan Alb, Air Force Institute of Technology

- **1564** - Risk of Polycyclic Aromatic Hydrocarbons Exposure from Almond Agricultural Waste Burns
  Presenter: Cynthia Torres, University of California Berkeley, School of Public Health

- **1566** - Development of a New Sampler Utilizing Dry and Wet Impactors to Capture Bioaerosols into the Liquid Media
  Presenter: Subin Han, Purdue University

- **1567** - Developing a Comprehensive Researcher Health and Safety Survey
  Presenter: Anupon Tadee, University of Michigan

- **1568** - Assessing the Impact of Carpet Cleaning Activities on Indoor Air Quality in an Office Environment
  Presenter: Xinyi Niu, University of Cincinnati

- **1570** - The Impact of Body Cooling on Perceived Heat Strain and Productivity
  Presenter: Cecilia Kaufman, Xinyi Niu, University of Cincinnati

- **1572** - Assessing the Effect of Welding Helmets on Welders - Exposure to Welding Fumes
  Presenter: Chang Geun Lee, Purdue University
Poster Sessions

- 1574 - Environmental Factors Improving Inhalation Exposure Assessments
  Presenter: Ryan Bellacov, University of Cincinnati

  Presenter: Nathan Chen, University of Alabama at Birmingham

- 1581 - Evaluating Interventions for Indoor Air Quality and Teachers - Absenteeism in Winter: A Randomized Controlled Experiment in Early Childhood Education Centers
  Presenter: Mingze Zhu, University of Oklahoma Health Sciences

- 1584 - Performance of a Low-Cost Particulate Matter Sensor in a Swine Barn
  Presenter: Holly Rowland, University of Iowa

- 1586 - Assessing the Impact of Environmental Factors on the Low-Cost PM2.5 Monitors Performance by Comparing the Pre- and Post-Calibration
  Presenter: Runcheng Fang, University of Utah

- 1587 - Seasonal Noise Exposure of University Groundskeepers
  Presenter: Michael Jefferies, University of Toledo

- 1589 - Risk Assessment in the Aerospace Testing Industry
  Presenter: Andy Lau, University of California, Los Angeles

- 1592 - Predictors of Serum PFOS Levels in Arizona Firefighters
  Presenter: Regan Conner, Mel & Enid Zuckerman College of Public Health

- 1595 - Examining the Predictive Potential of the SDM 2.0 for Chemical Concentrations and Exposure Control Categories through Comparative Analysis with Data from a Semi-Conductor Industry Manufacturer
  Presenter: Lauren Sherman, University of Minnesota-Twin Cities

- 1596 - Defining Optimal Buffer Conditions for Skin Absorption Studies on Inorganic Pb
  Presenter: Efosa Obariase, University of Cincinnati

- 1598 - Evaluating PM2.5 in a Rural Community
  Presenter: Brittney Vetter, Purdue University

- 1603 - Incidence of Reportable Exertional Heat Illness during Deepwater Horizon Cleanup
  Presenter: Fisher Morris, University of South Florida

- 1605 - Assessing Health Risks Associated with Roadside Worker Exposure to Traffic-Related Aerosol
  Presenter: Lucy Watson-Cook, University of Texas Health Science Center at Houston School of Public Health

- 1606 - Mobile Monitoring of Community Air Quality in Southwest Chicago
  Presenter: Blessing Audu, University of Illinois at Chicago

- 1607 - Compressor Station Noise Exposure Levels
  Presenter: Alexandra Specht, University of Toledo

- 1608 - Evaluation of Noise and Vibration Exposure in Automotive Shops
  Presenter: Damyan Popov, University of Central Missouri

- 1609 - Estimating and Evaluating the Time-varying Generation Rate of Peracetic Acid (PAA) for Use in Exposure Modeling
  Presenter: Ryan Hines, Johns Hopkins Bloomberg School of Public Health

- 1611 - Assessment of Lead in Drinking Water Available on Campus
  Presenter: Hashmathara Jabbar, University of Illinois at Chicago, Education Research Center

- 1612 - Development of a Dual-Air Purifying Respirator: Evaluating the Performance of Activated Carbon Fiber for Filtration Efficiency and VOC Adsorption
  Presenter: Megan McMahan, University of Alabama at Birmingham
Poster Sessions

- 1613 - Determining the Effectiveness of Commercially Available Dry Methods for Decontamination of Litter Bound Patients of Biological Aerosols in Arctic Environments
  Presenter: Clayton Garner, Air Force Institute of Technology

- 1614 - Validating the Collection Efficiency of a Novel Virtual Impactor
  Presenter: Adepeju Adesina, University of Minnesota

- 1615 - Investigation into the University Avenue Sanitary Sewer Explosion
  Presenter: Caylin Crawford, University of Minnesota

- 1617 - Exposure Modeling Selection: Comparison of the extended WMR and NF-FF Models Using Probabilistic Modeling Simulation Studies
  Presenter: Ryan Hines, Johns Hopkins Bloomberg School of Public Health

  Presenter: Nicholas Caravello, Northern Illinois University

- 1622 - Extreme Heat Events and Occupational Illness 2000-2019
  Presenter: Jeff Dalhoff, University of Maryland

- 1623 - Analytical Durability of Buckypaper Sorbents Across Multiple PhotoThermal Desorption Cycles
  Presenter: David Bolade, The University of Oklahoma Health Sciences

- 1624 - Adsorption Capacity of Buckypapers for the Assessment of VOC Exposures
  Presenter: David Bolade, The University of Oklahoma Health Sciences

Poster Session 3–Professional
Tuesday, May 21, 2024
Author Attend Time
11:15 a.m.–12:15 p.m.
Exhibit Hall AB, End of Aisle 500

Topics: Chemical Hazards, Hazard Recognition/Exposure Assessment, Noise/Hearing Loss Prevention, Sensor Technology

- 1125 - Application of Bayesian Decision Analysis and Statistical Tools to Improve Exposure Judgements
  Presenter: Ephraim Massawe, Southeastern Louisiana University

- 1149 - Exposure Assessment to Leather Dust and Solvents in Shoe Factories
  Presenter: Mariella Carrieri, University of Padova

- 1179 - Assess Personal Exposures to a Wide Range of Chemical Mixtures by Suspect Screening Analysis with Response Modeling
  Presenter: Shih-Wei Tsai, National Taiwan University, Taiwan

- 1317 - Inhalation Exposure Assessment of a Volatile Organic Compound (VOC) During Application and Curing of a Residential Floor Coating
  Presenter: Dilpreet Singh, Exponent

- 1321 - Self-Reported Occupational Noise Exposure and Hearing Protection Device Use among NHANES Participants and the Risk of Hearing Loss
  Presenter: Benjamin Roberts, Benchmark Risk Group

- 1356 - Labeling Liabilities: Effectively Evaluating Risk from Low-Risk Labeling Claims
  Presenter: Jordan Shore, RHP Risk Management Inc. (Chicago)
Poster Sessions

- 1372 - Characterization of Microbial Secondary Metabolites, and Dampness and Mold in Homes after Hurricane Harvey, Houston, Texas
  Presenter: Chengetayi Rimayi, CDC- NIOSH
- 1397 - Continuous Personal Monitoring and Personalized Hydration Recommendations with Biometric Wearables to Prevent Occupational Heat Stress
  Presenter: Andrea Tineo, Exponent
- 1399 - Emerging Trends in Occupational Exposures to Ethylene Oxide from OSHA’s Chemical Exposure Health Database
  Presenter: Michael Holton, Ramboll
- 1401 - Industrial Hygiene Assessment and Defined Plant Unit Investigations with Airborne Methanol Monitoring and Building Exhaust Ventilation Airflows
  Presenter: Jan Koehn, Jan Koehn Inc.
- 1409 - Occupational Dermal Exposure Factors - a Handbook to Facilitate Dermal Risk Assessments
  Presenter: Lauren Gloekler, Stantec ChemRisk

Poster Session 4–Professional

Wednesday, May 22, 2024

Author Attend Time
10:30 a.m.–11:30 a.m.
Exhibit Hall AB, End of Aisle 500

Topics: Climate Change Hazards and Risks, Computer/Mobile Apps and Tools, Exposure Banding/Occupational Exposure Limits, Healthcare, Indoor Air Quality, Protective Clothing and Equipment, Respiratory Protection, Sampling and Analysis

- 1055 - An Assessment of Hospital Environmental Surface Decontamination During COVID-19
  Presenter: Sheryl Milz, University of Toledo
Poster Sessions

- 1131 - A Comparative Analysis of Two Prominent U.S. Coal Basins Using Inspector Field Survey Reports
  Presenter: Timothy Beck, CDC/NIOSH

- 1196 - Validations of the Sampling and Analysis Techniques for the Co-existing Airborne Chemicals in Occupational Settings
  Presenter: Ya Lun Yu, National Taiwan University, Taiwan

- 1275 - Environmental Assessment of Airborne Allergens Using Apollo, a Novel Ambient Air Sampling Device
  Presenter: Stephanie Filep, InBio

- 1308 - Improving Sensitivity and Selectivity of Aromatic Hydrocarbons Analysis Using Thermal Desorption and Gas Chromatography
  Presenter: Tsvetan Popov, University of Central Missouri

- 1328 - Evaluation Methods for Biological Contaminants on Consumer Products
  Presenter: Philip Pape, Exponent

- 1338 - Development of a Low Concentration Acrolein Sampler for Worker Risk Assessment
  Presenter: Yoshihiro Suzuki, SIBATA Scientific Technology Ltd.

- 1341 - Verification of IH Documents Created by AI
  Presenter: Donna Vosburgh, University of Wisconsin-Whitewater

- 1355 - Comparing Extreme Heat Exposure Outcomes Among Outdoor Workers in California and Texas
  Presenter: Rachel Freid, Stantec ChemRisk

- 1393 - A Workflow to Optimize Occupational Exposure Limit Identification, Evaluation, and Selection
  Presenter: Rachel Zisook, Stantec ChemRisk

For authors, and full details, please check the AIHA Connect website or mobile app.
Efficiency Meets Intelligence

Enhancing Connectivity and Productivity in Work Area Monitoring

Discover how to unlock new aspects of understanding within work area monitoring data, ultimately helping to enhance health and safety, productivity, and decision-making processes for organizations.

Join the conversation.

Meet us at Booth #503 at AIHA Connect

Stop by and discover more about solutions in:
- Exposure Monitoring (Noise, Sound, Vibration, Heat Stress, Dust & Aerosol)
- Environmental & Indoor Air Quality Monitoring
- Respirator Fit Testing
Technical Tours

Buses depart at the start times noted below from the Bus Loop on the GCCC Connector. Please arrive 15 minutes before noted times to check in. Additional tickets may be available for purchase at On-Site Registration.

TT-01: Worthington Steel and Worthington Enterprises Columbus Cylinders
Tuesday, May 21
8:00 a.m.-12:00 p.m.

Description: Take a walking tour of Worthington Steel and Worthington Enterprises Cylinders manufacturing factories located on the Columbus Ohio Dearborn Drive Campus.

Worthington Steel is a cold-rolled steel strip processing plant with precision milling, annealing, and slitting operations. Worthington Enterprises Columbus Cylinders manufactures propane and helium tanks for leading brands found on store shelves around the globe.

TT-02: American Nitrile Operations LLC - Tuesday Tour
Tuesday, May 21
8:00 a.m.-12:00 p.m.

Description: Take a walking tour of American Nitrile Operations, a state-of-the-art nitrile glove manufacturing facility. Get an up-close look at the heart of the operation, including the automated glove packaging systems, water-tight testing, high-speed glove stripping and layering, glove dipping processes, compounding department, wastewater and recycling department, and their famous nitrile storage tanks.

TT-03: American Nitrile Operations LLC - Wednesday Tour
Wednesday, May 22
8:00 a.m.-12:00 p.m.

Description: Take a walking tour of American Nitrile Operations, a state-of-the-art nitrile glove manufacturing facility. Get an up-close look at the heart of the operation, including the automated glove packaging systems, water-tight testing, high-speed glove stripping and layering, glove dipping processes, compounding department, wastewater and recycling department, and their famous nitrile storage tanks.

Healthier Workplaces Show Podcast
Each episode covers timely and informative topics about industrial hygiene, environmental health, and safety issues. Hear from industry experts, including many conference speakers, who expand on topics and research shared at AIHA Connect. Several episodes will stream live from Columbus, while other will be recorded on-site for broadcast later in the summer. New episodes are available the first and third Wednesdays of the month.
Technical Tours

TT-04: The Spine Research Institute and Brinkman Lab-El Hellani Labs at Ohio State University

Wednesday, May 22
9:30 a.m.-12:45 p.m.

Description: Take a walking tour of both The Spine Research Institute and Brinkman Lab-El Hellani Labs at Ohio State University.

The Spine Research Institute (SRI) comprises a unique group of multi-disciplinary experts, whose mission is to systematically improve the way we prevent, evaluate, and treat spine and other MSDs. They accomplish this task through causal pathways research, education, and the development of platform technologies. The SRI team will show tour participants the variety of methods and equipment it uses to better understand injury causation and provide several examples of recent projects.

Researchers at the Brinkman-El Hellani Labs study how people use tobacco products to generate the evidence needed by government regulators to establish meaningful product standards that make these products less appealing to new users and support cessation or switching to reduced harm products in established users.

Brinkman Lab researchers perform tobacco product content and emissions testing, including using machine-smoking to reproduce human puffing behavior to estimate toxicant exposures. El Hellani Lab Researchers develop and employ analytical methods to quantify harmful chemicals in tobacco products and their emissions.

TT-05/06/07: BeneLeaves

Monday, May 20 – TT-05
Tuesday, May 21 – TT-06
Wednesday, May 22 – TT-07

10:00 a.m.-12:10 p.m.

Description: Take a tour of the BeneLeaves facility. BeneLeaves is a friends and family-owned and licensed Cannabis processing business. Building their business from the ground up both structurally and operationally, they are rapidly rising and taking the cannabis industry to the next level with their personal innovations and expertise. They make cannabis infused Gummies, Vape Pens, lotions, capsules, chocolate bars, and gluten free cookies. On this tour you will see the packaging room, extraction room, post extraction room, and kitchen production room.
Shaping a World of Trust

Is your lab ready for the MSHA silica rule?

Trusted since 1828.

Visit booth 615

www.BVNA.com/industrial-hygiene
AIHA thanks our 2024 Hamilton Club Partners for their support! The Hamilton Club is an invitation-only group and is comprised of corporations actively involved with AIHA’s initiatives via sponsorship, advertising, Foundation support, and more.
**On-Site Expo Hall Hours**

**Monday, May 20**
9:30 a.m.–5:30 p.m.

**Tuesday, May 21**
9:00 a.m.–3:30 p.m.

**Wednesday, May 22**
9:00 a.m.–1:00 p.m.

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**NOSH AND NETWORK**

Exhibit Halls AB

Mix, mingle, network, and grab some food as you meet exhibitors, visit with colleagues, and learn about new products and services from AIHA. Your conference badge is required to attend these events.

**Monday through Wednesday**

- **11:30 a.m.–1:00 p.m.**
  End of 200 aisle

NEW! **Dine and Dash**

If you pre-purchased lunch in the Exhibit Hall, join us at the end of Aisle 200 to pick up your lunch, and enjoy the vibrant atmosphere of the Exhibit Hall.

**Monday**

- **9:30 a.m.–10:00 a.m.**
  Locations throughout the Exhibit Hall

**Coffee and Pastries (while supplies last)** — Start your morning with some coffee and a pastry. This is a great time to chat with exhibitors about products and services that can help improve your workplace.

- **9:30 a.m.–1:00 p.m.**
  End of the 1000 Aisle

**Coffee Cart** — Need a pick-me-up? Purchase a coffee and pastry. Psst, there may be milkshakes available too!

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**Food Carts** — Make the most of your lunch break by purchasing a meal at one of two food carts conveniently located in the Exhibit Hall. Choose from Bertha’s Pulled BBQ or Mediterranean Gyros with a fresh carving station.

**11:00 a.m.–3:00 p.m.**

End of the 300 and 1200 Aisles

**Tuesday**

- **9:00 a.m.–9:30 a.m.**
  Locations throughout the Exhibit Hall

**Coffee and Pastries (while supplies last)** — Start your morning with some coffee and a pastry. This is a great time to chat with exhibitors about products and services that can help improve your workplace.

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**4:30 p.m.–5:30 p.m.**

Bars and food located throughout the Exhibit Hall

**Expo Hall Networking Reception** — This annual networking tradition gets the night started with some tasty nibbles and a complimentary beverage (ticket included in badge materials).

**Tuesday**

- **9:00 a.m.–9:30 a.m.**
  Locations throughout the Exhibit Hall

**Coffee and Pastries (while supplies last)** — Start your morning with some coffee and a pastry. This is a great time to chat with exhibitors about products and services that can help improve your workplace.

- **9:00 a.m.–1:00 p.m.**
  End of the 1000 Aisle

**Coffee Cart** — Need a pick-me-up? Purchase a coffee and pastry. Psst, there may be milkshakes available too!
Expo Highlights

Tuesday
11:00 a.m.–3:00 p.m.
End of the 300 and 1200 Aisles
**Food Carts** — Make the most of your lunch break by purchasing a meal at one of two food carts conveniently located in the Exhibit Hall. Choose from Bertha’s Smokehouse Burgers and Brats or Street Tacos.

Wednesday
9:00 a.m.–9:30 a.m.
Locations throughout the Exhibit Hall
**Coffee and Pastries (while supplies last)** — Start your morning with some coffee and a pastry. This is a great time to chat with exhibitors about products and services that can help improve your workplace.

9:00 a.m.–1:00 p.m.
End of the 1000 Aisle
**Coffee Cart** — Need a pick-me-up? Purchase a coffee or latte. Psst, there may be milkshakes available too!

11:00 a.m.–1:00 p.m.
End of the 1200 Aisle
**Food Cart** — Make the most of your lunch break by building your own burrito conveniently located in the Exhibit Hall.

NOW IN THE EXPO HALL

**Nexus Lounge**
*Exclusively for Students and Early Career Professionals!*

1300 Aisle next to the University Pavilion

**Sponsored by**

BGC will host Breakfast with the BGC Board on Wednesday, May 22 at 9:00 a.m.

**Education Pop-Ups**
Beginning of the 1300 Aisle
See schedule on pp. 36, 49, and 60.

**Posters**
End of the 400 and 500 Aisles
See schedule on pp. 63–68.
Expo Highlights

**BACK BY POPULAR DEMAND**

**New Exhibitor Pavilion**
700, 800, and 900 aisles
Visit these first-time AIHA Connect exhibitors who have new and exciting products and services to share. The aisles around these booths are carpeted in teal to make them even easier to find.

**Innovation Stations**
Beginning of the 200 Aisle
Monday, May 20–Wednesday, May 22. Bring new innovations and knowledge back home to your team with these short, impactful 25-minute presentations from our exhibitor partners. You’ll learn about new equipment, instrumentation, technology, services, and more, including the latest and greatest solutions to your workplace challenges. Times noted throughout program.

**PPE Fashion Show**
Behind the AIHA Booth 627
Tuesday, May 21; 12:30 p.m.–1:30 p.m.
This interactive fashion show highlights personal protective equipment and clothing designed for a diverse workforce. Come join the fun, and learn about new PPEC that is thoughtfully designed, comfortable, and fashionable. This event will be live broadcast for the virtual audience.

**Sponsored by**

**AIHA BOOTH 627 HAPPENINGS**

The Catalyst Community - Stop by the booth for a demonstration or to sign up and begin posting.

Main Stage Presentations - Join your peers for information on programs and volunteer opportunities with AIHA. Check out the schedule on pp. 26, 37, and 51, in the mobile app, or in the AIHA Booth.
Games and Unique Activities Throughout the Exhibit Hall

- Relive your nostalgia years by playing a giant Connect Four game
- Test your strategy with a jumbo Jenga set
- Challenge your colleagues to a round of foosball or cornhole
- Meet your colleagues in collaboration spaces

Expo Highlights Virtual Broadcast

Monday, May 20; 12:30 p.m.-1:30 p.m.
Learn about the products and services offered by exhibitors through our live “Expo Highlights” broadcasts to virtual attendees (Monday; 12:30 p.m.-1:30 p.m.)

Sponsors

We are grateful for this year’s AIHA Connect Sponsors! They elevate the quality of your Connect experience while empowering the OEHS community.

3 Stars

2 Stars

1 Star

Learn more about the Hamilton Club

Visit the AIHA booth (627) to learn how your organization can benefit from a partnership alliance designed to complement your own strategic plan and help you more effectively reach your target audience.

Win Prizes in the new CONNECTzone!

Join us for fun and games in the new CONNECTzone in the mobile app/virtual platform. Visit booths along the Pathway to Prizes in the Expo Hall or virtually, answer trivia questions, and update your picture in the photo booth to earn points towards grand prizes! Prizes will be awarded to the top 3 in-person and top 2 virtual leaderboard winners. Winners will be announced Wednesday afternoon, May 22. See p. 11 for participating booths and other pointable opportunities.
Need Speed, Accuracy and Versatility?

AccuFIT® adapts to YOUR preferred Fit Testing routines!

Stand-alone mode: Huge internal memory with Animated Display Prompts
Connected to Laptop or Tablet: USB or WiFi with included s/w
Cloud connect with AccuFIT Cloud™ Software:
  Automated Updates with Remote Diagnostics and Data Analytics
  Interface directly with Cority® - and so much more!

See it all in action Expo Stand # 311
AIHA Connect 2024 Expo Floor Plan

Expo Hours
Monday, May 20
9:30 a.m.–5:30 p.m.

Tuesday, May 21
9:00 a.m.–3:30 p.m.

Wednesday, May 22
9:00 a.m.–1:00 p.m.

Visit the online Expo Floor Plan.
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www.3m.com/PPESafety

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www.apbuck.com

ABSA International
(American Biological Safety
Association) .................... 212
www.absa.org

AccuTec .................................. 311
www.acutec.com

ACGIH ................................... 1302
www.acgih.org

Advanced Chemical Testing ............... 607
www.acsbadge.com

Aeris Scientific .................. 904
www.aerisscientific.com/
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AFC International ................. 226
afcinint.com/
NEW!

Affygility Solutions ............... 329
affygility.com/

AIHA ........................................... 627
www.aiha.org

A+SAFE .................................... 1208
asafe.com

AIHA ........................................... 627
www.aiha.org

Albright Insurance
Services, Inc. ................. 610
www.alliant.com

Alphasense ............................. 1230
www.ametekmocon.com

ALS Labs ................................. 1010
www.alsglobal.com/us

Aporac Ltd ......................... 812
aporac.com
NEW!

A-P-safe ................................... 1208
asafe.com

Assay Technology, Inc./
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www.assaytech.com

Benchmark Gensuite ........ 813
www.benchmarkgensuite.com
NEW!

Bio-Rad Laboratories Inc ......... 229
www.bio-rad.com/en-us/food-
safety

Blackline Safety ................. 428
blackline.com

BlastOne .................................... 325
www.blastone.com

Board for Global EHS
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www.GoBGC.org

Board of Certified Safety
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www.bcsp.org

BreatheSafe ......................... 1210
www.breathe-safe.com.au

BSI ........................................... 907
www.bsigroup.com/en-US/our-
services/consulting/

BTSoft ....................................... 429
btsoft.com/

Bullard Company .................. 308
www.bullard.com/

Bureau Veritas ................. 614
www.bureauveritas.com

Chemican Inc ....................... 810
chemican.net

CHEMTREC ......................... 703
www.chemtrec.com

Chevron ................................. 1232
www.chevron.com

CIH Equipment Company/
Egas Depot ....................... 515
www.cihequipment.com

Colder Corporation .............. 225
www.colder.com/

CORE Occupational
Medicine ......................... 508
www.coreoccupational.com

Cority ....................................... 603
www.cority.com

Cornerstone Research
Group ......................... 910
Cornerstone Research Group
NEW!

CTEH ....................................... 424
www.cteh.com

DataChem Software,
Inc. ....................................... 1133
www.datachemsoftware.com

Defiant Technologies,
Inc. ....................................... 1033
www.defiant-tech.com

Draeger, Inc. ......................... 1215
www.draeger.com

DuPont Personal
Protection ......................... 1114
www.dupont.com/personal-
protection/tyvek-for-ppe.html

Epicore Biosystems .............. 1112
www.epicorebiosystems.com

Equivital .................................... 1134
www.equivital.com

Eurofins Built
Environment Testing ........ 1115
www.eurofinsbuiltenv.com

Fauske & Associates,
LLC ....................................... 1225
www.fauske.com

Flow Sciences, Inc. ............. 432
flowsciences.com/

Encamp ................................... 705
encamp.com/
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Entech Instruments Inc ........... 806
www.entechinst.com/featured-
products/lab-instrumentation/
diffusive-sorbent-pens
NEW!

Environmental Express | Zefon International ............ 1205
environmentalexpress.com

Epilog Laser ......................... 804
www.epiloglaser.com

Epson ....................................... 807
www.epson.com

Equivital .................................... 1134
www.equivital.com

Eurofins Built
Environment Testing ........ 1115
www.eurofinsbuiltenv.com

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www.fauske.com

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flowsciences.com/

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www.pacelabs.com/analytical-environmental/

Panacea Aftermarket .................. 803
paco1.com

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Particles Plus, Inc .................... 1203
particlesplus.com/

Partner Engineering and Science, Inc ...... 802
www.partneresi.com

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PathCon Laboratories ................ 1131
www.pathcon.com

Peter Greven U.S. Corporation .......... 211
www.greven-skincare.com

Pine .................................................. 1314
www.pine-environmental.com

Pollen Sense, LLC .................... 324
www.pollensense.com/

Proklean Services .................... 805
prokleanservices.com

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ProtectEar USA, LLC .............. 326
www.protectear.com/us/

Pureflo ............................................. 714
www.gentexcorp.com/industrialsafety

RAECO Rents ......................... 511
www.raecorents.com

Reactec Ltd .................................... 815
www.reactec.com

New!

Redshift Technologies Inc ........... 1135
redshift-tech.com/

REPSS, Inc .................................. 435
www.repss.com/

RescueStat ..................................... 807
www.rescuestate.com

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Rheo Engineering ..................... 309
www.rheoengineering.com

RKI Instruments, Inc .............. 315
www.rkiinstruments.com

S.E. International, Inc ............. 933
www.seinti.com

SafeBridge Consultants, Inc ........ 1227
www.safebridge.com

SanAir Technologies Laboratory, Inc .... 513
www.sanairem.com

SciAps Inc .................................. 913
sciaps.com

New!

Scientific Analytical Institute, Inc ........ 1109
www.sailab.com

SEIKO ............................................ 327
www.senko-detection.com

Sensidyne, LP ......................... 303
www.sensidyne.com

SevenGen ................................... 717
sevengenhse.com/

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SGS North America, Inc .......... 1103
www.sgsolson.com

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www.shoebox.md

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www.sibata.co.jp/en/

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silentiumgroupco.com/

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www.skinc.com

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www.slatessafety.com

Stantec ChemRisk .................... 634
www.cardnochemrisk.com

Stat Peel ........................................... 425
www.statpeel.com

Stonehouse Process Safety, Inc ........ 816
stonehousesafety.com

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Sustainable Workplace Alliance ... 333
www.sustainablewp.org

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www.sy-klone.com

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www.ei1.com

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www.thinklite.com

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TSI / Casella .................... 503
www.tsi.com

Tyndale Company, Inc ............. 535
www.tyndaleusa.com

University of Alabama at Birmingham-Deep South ERC .......... 1329
www.uda.edulsdc

US Navy Recruiting Command ........ 214
www.navy.com

University of British Columbia .......... 1324
www.uab.edu/dsc

University of Cincinnati Industrial Hygiene ................. 1327
med.uc.edu/departments/ih/home

University of Illinois Chicago School of Public Health, NIOSH Education and Research Center .......... 1331
www.uchicagobiosafety.com

University of Michigan .................. 1330
www.cohse.umich.edu/

University of South Florida Sunshine ERC .................. 1326
www.health.usf.edu/publichealth/apply/graduate-admissions/occupational-exposure-science

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AIAH CONNECT

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<td>whiteoakenv.com</td>
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<td>workcare.com</td>
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