

Important Dates and Deadlines

Face-to-Face Training: Exposure and Chemical Monitoring—Beyond IH Fundamentals	October 15–17
Webinar: Comparative Ethics	October 30
AIHF Online Scholarship Application Opens	October 30
AIHA Board of Director Nominations— Deadline	November 1
Webinar: Air Sampling Strategies and Analysis	November 6
AIHA Named Awards Nominations— Deadline	December 31
AIHA Fellow Nominations— Deadline	December 31
AIHce EXP Student Poster Abstracts— Deadline	March TBD
Face-to-Face Training: Fundamentals of Industrial Hygiene	March 25–28
AIHce EXP 2019	May 20–22

CALL TO ACTION

AIHA Board of Directors Nominations

AIHA is seeking nominations for four Board of Directors positions that will be vacated in May 2019: vice president, treasurer-elect, and two at-large director positions. [Electronic submission forms](#) are available for all positions. **Deadline: November 1.**

Now Accepting Nominations for AIHA Fellow

AIHA is seeking [nominations for Fellows](#). Each AIHA Local Section and Volunteer Groups may submit one nomination. This prestigious designation is limited to no more than 5% of the AIHA membership. **Deadline: December 31.**

Open Call: Named Award Nominations

AIHA is seeking nominations for the [AIHA Named Awards](#). In some cases, the nominee may qualify for more than one award. All recipients will be recognized on stage during AIHce EXP 2019. **Deadline: December 31.**

Please see the [AIHA Awards and Honors Policy](#) for complete details, including nominations, eligibility, nominators, what to expect after submitting a nomination, nomination committee make-up, and more!

AIH Foundation

#IamIH: The Impact of Your Donations

Paige Gallant, received her Bachelor of Science in Cellular, Molecular, Microbial Biology, and will be graduating from the Master of Science program at the University of British Columbia in occupational and environmental hygiene at the end of... *read the full blog [here](#).*

Tax Reform and Charitable Giving for 2018

The 2017 Tax Cuts and Jobs Act tax reform package brought a lot of big changes. For corporations, tax rates declined from as high as 35 percent to 21 percent. In addition, tax incentives were put in place to encourage corporations to bring assets... *read the full article [here](#).*

AIHF Scholarship Submission Portal Opens October 30

Scholarships are awarded based on the availability of funds provided through contributions from AIHA members, individuals, corporations, and local sections. Students do not apply for a specific scholarship. Students who complete an application will be... *learn about eligibility requirements [here](#).*

National

Renew Your Membership and Win!

AIHA is now accepting membership renewals for 2019. Renew by October 31 and be entered into a prize drawing. Renew by December 31 and receive the newest edition to the *Essentials Series* (\$19.95 value) in early January. [RENEW TODAY!](#)

Trilateral Partners General Access Program (GAP)

AIHA and its trilateral partners, [Australian Institute of Occupational Hygienists Inc.](#) (AIOH) and [the British Occupational Hygiene Society](#) (BOHS) are pleased to offer exclusive benefits to each other's respective members. To learn more, please see **GAP for AIHA Members—[AIOH](#) or [BOHS](#).**

Distinguished Lecturers

The AIHA Distinguished Lecturer Program focuses on providing lectures on national and international occupational and environmental health issues that affect the practice of industrial hygiene. Consider becoming an AIHA Distinguished Lecturer (DL)... *see the list of Distinguished Lecturers [here](#).*

AIHA Rotarians Are an Inspiration

Rotary has a global network of 1.2 million individuals—from [Rotary Clubs](#), [Rotary International](#), and [The Rotary Foundation](#)—whose vision is a world where people unite and commit to taking action to create a lasting change around the world. If you're involved as a Rotarian, please consider spreading the word about what we can do to address worker health and safety in the local community and across the global.

IOHA Recap

The 11th International Occupational Hygiene Association International Scientific Conference, [IOHA 2018](#), was held Sept. 24–26, in Washington, D.C. Conference news from *The Synergist* is published... *get the full recap [here](#).*

Life's Work: A 50 Year Photographic Chronicle of Working in the U.S.A.

In this powerfully visual occupational, environmental, and public health documentary achievement, **renowned photographer Earl Dotter** chronicles his five decades behind the lens documenting American workers of all descriptions. [Get your copy today!](#)

Comparison Between Personal Sampling Methodologies for Evaluating Diesel Particulate Matter Exposures in Mines

In the mining industry, personal measurements of elemental and total carbon are frequently used as surrogates of diesel particulate matter (DPM) exposure, and the respirable or submicron fractions are usually measured. However, vapor-phase organic carbon (OC) can be... *read the full abstract [here](#).*

The Acute Effect of Training Fire Exercises on Fire Service Instructors

Fire service instructors (FSI) regularly experience different types of fire exercises, however the strain experienced from these scenarios is not well understood. This study aims to identify the physiological and perceptual strain of Fire Service Instructors (FSI) to... *read the full abstract [here](#).*

Actual and Simulated Weather Data to Evaluate Wet Bulb Globe Temperature and Heat Index As Alerts for Occupational Heat-Related Illness

Heat stress occupational exposure limits (OELs) were developed in the 1970s to prevent heat-related illnesses (HRIs). The OELs define the maximum safe wet bulb globe temperature (WBGT) for a given physical activity level. This study's... *read the full abstract [here](#).*

Potential for Prediction

Recent outbreaks of influenza, Ebola virus disease, and Zika virus have demonstrated the burden of infectious disease in the workplace. Furthermore, infectious diseases such as Middle Eastern Respiratory Syndrome, Severe Acute Respiratory Syndrome, and multi-drug-resistant... *read the full article [here](#).*

Advice for Active Sampling

Active sampling—that is, sampling that uses an air pump—of workplace air requires determination of the total volume of air sampled. Two procedures are available for this purpose: one uses a representative sample medium to set the pump flow, and the other... *read the full article [here](#).*

The Science Behind Proving Quality IH/OEHS Education

For over 20 years as a continuing education professional, I have worked with people in several different professions and countries. What unites them is the desire to learn and acquire knowledge. But what do our members and other IH/OEHS professionals look for... *read the full blog [here](#).*

Helping Reluctant Workers Protect Their Hearing

Ear protection isn't the most stylish or fashionable thing to wear, and it can certainly impede your ability to have a conversation. Many people see and read the signs around industrial areas that highlight the importance of... *read the full blog [here](#).*

Guardians in the Storm

The world is alive. Everywhere you look, creation and destruction continue in an endless, turbulent cycle. Caught in the middle of this are people: their homes, workplaces, and refuges of leisure damaged or destroyed, exposing them... *read the full blog [here](#).*

Contributing to the Success of Industrial Hygienists

I recently had the opportunity to lead a team that revised the AIHA publication *Core Competencies for the Practice of Industrial/Occupational Hygiene*. The goal of the *Core Competencies* publication is to outline the essential knowledge, skills, and abilities... *read the full blog [here](#).*

Catalyst

Members-Only Online Community

The [Catalyst](#) is the online community developed by AIHA members for AIHA members. This members-only benefit provides an Open Forum to share or gain knowledge, expand your network, seek or provide solutions. Check out just a few of the top discussions, including: [Surgical Smoke](#); [Strange IAQ Complaint](#); [Fit Testing Adapter](#); and [Heavy Metals Action Levels for Soil Remediation](#).

California Fires and Protecting Workers' Health from Hazards

As a southern California native, I can tell you that wildfires are a part of everyday life. Big or small, wildfires invoke fear and paranoia to both property owners and renters alike, especial during Santa Ana season which occurs from September through May. Canyon fires near my home... *read the full blog [here](#).*

Government Relations

Time for Reflecting and Planning

It's not exactly a quiet time in Washington, DC these days. However, because this past week has been relatively still concerning government relations and OEHS, these moments present a perfect time for reflection and strategizing what we will do... **get the full details [here](#).**

\$36 Million on the Way for Opioid First Responder Training Grants

Tucked away in the [conference report](#) of H.R.6157 is \$36 million for first responder training under the State Opioid Response Grants program. The funding includes an \$18 million set-aside to ensure that the needs of rural areas are not overlooked or diminished.

Chicken Line Processing Speeds Now Up to 175 Birds Per Minute

The US Food Safety and Inspection Service (FSIS) has issued new criteria that they will use to grant waiver requests from young chicken establishments to operate line speeds of up to 175 birds per minute (bpm). While the lengthy [notice](#) addresses a variety of different issues... **read more [here](#).**

DOL Proposed Rule Would Allow 16- and 17-Year-Olds to Independently Operate Power-Driven Patient Lift Machines

The US Department of Labor (DOL) has published a [draft rule](#) in the *Federal Register* that would allow 16- and 17-year-olds to independently operate power-driven patient lift machines. AIHA is in the process of developing comments, which we will submit to the Department.

AIHA International

NEW! International E-Membership

The new [International E-Membership](#) is now available to an individual who would otherwise qualify as a Full member and who resides outside the United States and Canada. Benefits include online access to the *Synergist* magazine, JOEH, Catalyst online community, members-only content, special pricing, and free shipping on publications.

Trilateral Partners General Access Programme (GAP)

AIHA and its trilateral partners, the Australian Institute of Occupational Hygienists Inc. (AIOH) and the British Occupational Hygiene Society (BOHS) are pleased to offer exclusive benefits to each other's respective members. If you're a member in good standing at AIOH or BOHS, please see [GAP for BOHS/AIOH Members Only](#).

Catalyst

Join the more than 8,500 IH/OEHS professionals who turn to [Catalyst](#)—THE online community for professionals just like you. This members only community features an open forum and a member directory (basic and advanced); members can also access the library or join one of the many technical and professional development volunteer groups—including the [AIHA International Affairs Committee](#).

Virtual Section

Launching January 1, the Virtual Section is an exclusive online platform tailored to AIHA members, especially our growing international membership, not currently served by a regional section. Members will interact with peers for professional discussion, collaboration and access top-notch educational content.

IAC Ambassadors Program

The IAC Ambassadors Program supports the development of a cooperative infrastructure of national IH/OEHS associations/affiliations in other countries. Ambassadors help to identify the need for IH/OH capacity building and work to assist the host country to achieve this objective. For more details, including eligibility and term of service, please contact [Thursa La](#).

Emerging Economy Project Funds

The AIHA International Affairs Committee's Emerging Economy Projects Fund has been established to increase understanding and build capacity for occupational hygiene in developing economies around the world. Project proposals will be... **get the full details [here](#)**.

Exploring AIHF Scholarship Scope

The Board of Trustees of AIHF is exploring the potential to expand the scope of the Foundation to award a scholarship for individuals traveling to developing economies for teaching and/or work assignments. Stay tuned for more details!

Local Section Events

Georgia Local Section

[Amicalola Falls Networking Event](#)

October 20 at 9:30 a.m. –3:30 p.m. at the Amicalola Falls State Park (Lower Falls), North GA.

[Fall Meeting 2018](#)

November 27 at 8:30 a.m. –4:40 p.m. at the Center for Disease Control, Atlanta, GA.

Idaho Section of AIHA-Boise

[4th Annual Professional Development Conference](#)

November 29 at 7:15 a.m. –4:00 p.m. at the Springhill Suites, Boise, ID. For more information, please email idahosectionaiha@gmail.com.

Nebraska—Western Iowa

The Energy Wheel—An Innovative Approach to Hazard Identification and Risk Assessment

October 19 at the National Safety Council in Omaha, NE. For more information, please email brendafinter@b2e.com.

Pacific Northwest Section

[Northwest Occupational Health Conference](#)

October 10–12 at the Kitsap Conference Center Bremerton Harborside, Bremerton, WA. For more information, please contact administrator@pnsaiah.org.

Potomac Local Section

[Ergonomics with a Curve](#)

October 16 at 6:00 p.m.–8:00 p.m. at the AIHA Headquarters in Falls Church, VA. For more information, please email kaydietrich@yahoo.com.

[3rd Annual 2018 Safety and Cultural Heritage Summit](#)

November 7 at 8:00 a.m.–5:00 p.m. at the Smithsonian American Art Museum—McEvoy Auditorium, Washington, D.C. For more information, please email sorinshwtz@aol.com.

Rio Grande Local Section

Fall Technical Conference

October 25 (full-day event) at the Sandia Resorts in Albuquerque, NM. For more information, please email riograndeaiha@gmail.com.

Tennessee Local Section

[TVS-AIHA Guardians of the Workforce](#)

2018 TVS-AIHA Fall PDC and Conference—PDCs, November 7 at 8:00 a.m.–5:00 p.m.; Fall Conference, November 8–9 at The Venue East Center in Lenoir City, TN. For more information, please email tv saiha@tv saiha.org.

Western New York

What's Bugging You?

October 23 at 3:00 p.m.–6:00 p.m. at the Rohrbach Beer Hall and Brewery in Rochester, NY. For more information, please email ksroot100@yahoo.com

Upper Mid-West Local Section

[21st Annual Professional Development Conference](#)

November 15 at 7:30 a.m.–4:30 p.m. at the Radisson Hotel in Roseville, MN. For more information, please email deb.a.brown@gmail.com.

In the News

[New Study Finds Gasoline Stations Vent Up to 10X More Benzene Fumes Than Previously Thought](#)

A study led by environmental health scientists at Columbia University Mailman School of Public Health examined the release of vapors from gasoline station vent pipes, and [found](#) benzene emissions were 10 times higher than estimates used in setback regulations that determine how close schools, playgrounds, and parks can be to the facilities.

[OSHA Begins Regional Emphasis Program on Ammonium](#)

A three-month period of education and outreach to employers about the hazards of fertilizer-grade ammonium nitrate (FGAN) and agricultural anhydrous ammonium began on Oct. 1.

[OSHA Publishes New Resources on Trenching Hazards](#)

New resources for keeping workers safe while engaged in trenching and excavating activities are available from the OSHA website.

[NIOSH Develops Draft REL for Silver Nanomaterials](#)

NIOSH has revised its draft Current Intelligence Bulletin on the health effects of occupational exposure to silver nanomaterials.

[NIOSH Evaluates Lead Exposures at Bullet Manufacturer](#)

A NIOSH investigation of a lead bullet manufacturer identified several engineering and administrative controls that would help reduce the blood lead levels of employees working in the facility.

[NIOSH Webinar to focus on Intersection of Work, U.S. Opioid Crisis](#)

In November, NIOSH will host a free webinar in its Total Worker Health webinar series that will focus on new research on work and the opioid crisis in the U.S.