



# CIHC CONNECTION

**2016 CIHC Board Members and Science Advisors, including representation from Academia, Non-Profits, Industry, Consulting and Government**

**President**

Edward Klinenberg, PhD, CIH  
Sacramento Valley Section

**Vice-President**

Pamela Murcell, CIH  
Sacramento Valley Section

**Secretary**

Megan Canright Rabinowitz, MPH, CIH  
San Diego Section

**Treasurer**

Joel Cohen, MPH, CIH, FAIHA  
Northern CA Section

**Directors**

Joel I. Berman, CIH, CSP, CAC, CIAQM  
Orange County Section

Samantha Chua, MS, CIH  
San Diego Section

Stephen Derman, FAIHA  
Northern CA Section

Nola J. Kennedy, PhD, CIH  
Southern CA Section

Chris Laszcz-Davis, MS, CIH, FAIHA  
Northern CA Section

Grace M. Rinck, CIH  
Southern CA Section

Howard Spielman, CIH, PE, CSP, REHS  
Orange County Section

**Alternates**

Gus Ballis, CIH, CSP, REM  
Sacramento Valley Section

Ann Graham, CIH  
San Diego Section

Richard Hirsh, MPH, CIH, FAIHA  
Northern CA Section

Jaime Steedman-Lyde, CIH  
Southern CA Section

James L. Unmack, PE, CIH, CSP, DEE,  
FAIHA  
Orange County Section

**Sacramento Advocacy**

Catherine Barankin

**Science Advisors**

Patty Beach, MS, CIH

Larry Gibbs, MEd, MPH, CIH, FAIHA

Deborah Martin, MS, CIH

Vicki Wells, MS, CIH, CSP, FAIHA

## President's Message

by Ed Klinenberg

CIHC's 26th year will bring some exciting changes and continued success with our legislative agenda.

Our mission statement:

- Sponsoring legislation and regulations supporting the industrial hygiene profession
- Keeping the profession intact by opposing further erosion or limitation of practice by legislation or regulation, and
- Providing sound scientific and technological input to the legislative and regulatory process

This continues to guide our work. We are able to accomplish these activities using a dedicated core group of volunteers drawn from each of the local sections, augmented by technical experts, and assisted by our legislative advocate, who helps us ensure our message has a voice in the State Capitol and beyond. Funding for these activities comes primarily from revenue generated from our annual conference and local section assessments described in the CIHC By-Laws.

In an attempt to better connect with our members, we are improving our communication strategies by expanding our social media presence. Look for us on Facebook, Twitter and Linked In later this year. We will also be sending out shorter, time-sensitive communications highlighting our legislative/regulatory agenda, conference preparations, and local section activities.

Please consider getting involved. There are opportunities in legislative/regulatory support and conference preparation. Contact your local CIHC Board member or me for further information. Our contact information is located on the CIHC website, [www.cihconline.com](http://www.cihconline.com).

## Annual Conference Highlights December 7-9, 2015, San Francisco

by Pamela Murcell, Joel Cohen and Megan Canright, 2015 Conference Co-Chairs

The California Industrial Hygiene Council's (CIHC's) 25th Annual CIHC Conference, "Challenges for EHS Practice in Today's Environment", held at the Hilton Union Square in San

Francisco, was very well received by almost 200 attendees. We had record attendance and exceptional sponsor participation, an all-time high for our northern California event! This outstanding annual event is made possible by the tireless work of our volunteers. The CIHC is indebted to their service.

This year, we had a special presentation to the past presidents and long-time members of the CIHC Board to honor CIHC's 25th anniversary. Catherine Barankin arranged for a California Senate resolution and a congratulatory letter from the Mayor of San Francisco.



Chris Laszcz-Davis, Vickie Wells, Howard Spielman, Joel Cohen, and Catherine Barankin

We also had the pleasure of acknowledging Aaron Trippler's long term support of CIHC. He has tirelessly represented National AIHA and provided annual updates on the national occupational safety and health agenda. Aaron will be moving on to retirement, and CIHC wanted to acknowledge his service during our 25th anniversary celebration.



Chris Laszcz-Davis and Aaron Trippler.

The IH community lost a valuable and respected member in January of 2015, Stephen C. Davis. During the conference, it was CIHC's honor to have Robert Bacci and Ben Heckman announce that the new Stephen C. Davis Future Leadership Institute Memorial Grant has been established in the AIH Foundation to honor Steve's legacy and provide opportunities for the profession's future leadership.

The conference sessions and keynote



Stephen C. Davis

presentation covered a wide range of topics: "Regulatory Updates for EHS", "Non-Traditional IH & Professional Licensure/Certification", "Total Worker Health and Cross-Over EHS", "Perspectives of the Gen Y Hygienist", "Evaluating Worker Exposures - The Future is Arriving", and "Ethics for IH Practice". All of the sessions received high marks based on attendee evaluations! Of particular note, Dr. John Howard, MD, Director of NIOSH, was once again our key note speaker, via audio feed with his slides shown live at the event. Dr. Howard was called to testify before Congress and was unable to join us in person. His topic "Safety Matters Program" is covered later in the AIHA News Overview.

Speakers included, among others, *Dr. Barbara Materna*, Chief, Occupational Health Branch, CA Department of Public Health; *Aaron Tripler*, Director, Governmental Affairs, National AIHA; *Karen J. Nardi*, Esq, Partner, Arnold Porter LLP; *Mary O'Hara Devereaux*, Founder and CEO, Global Foresight; *Catherine Barankin*, CIHC Legislative Advocate and Executive Director, Sacramento Advocacy; *Susan Rosenberg*, President, Desert Cities Indoor Air; *Gustavo Delgado*, CEO, Forensic Analytical Laborato-

ries; *Kathy Jones*, Vice President Health Science Associates; *Joel Berman*, Vice President, Health Science Associates; *Dr. Casey Chosewood*, Senior Medical Officer, Total Worker Health, NIOSH; *Dr. Lauralynn Taylor McKernan*, Commander U.S. PHS, Deputy Director, Education and Information Division, NIOSH; *Dr. Jessica Drew de Paz*, Mindfulness & Safety Research Project Manager, University of California, Irvine; *Ira Janowitz*, Consultant and Expert Witness in Ergonomics; *Julian Sum*, Chief, Division of Occupational Safety and Health, State of California; *Erica Stewart*, Principal Consultant in National EH&S, Kaiser Permanente; *Dana Hollins*, Managing Health Scientist, Cardno; *Keith Rego*, Senior Manager of IH & Chemical Compliance, Illumina; *Kelcey Trefethen*, Associate Consultant, EORM/BSI; *Paul A. Zoubek*, CSP, CIH, President/Principal Consultant, Zoubek Consulting, LLC; *Patricia Beach*, Managing Partner, Harris & Lee; *John Farris*, President and CEO, Safebridge Consultants; *David Zalk*, EH&S Manager, Lawrence Livermore Lab; and *Donna Heidel*, Senior IH Manager, Bureau Veritas North America. The speakers' presentations are available on the CIHC website at [www.cihconline.com](http://www.cihconline.com) as are photographs taken during the conference by Steve Derman.

**Plans are underway for this year's conference to be held in San Diego, Wednesday through Friday, December 7-9, 2016, at the Hotel Solamar.** If anyone would like to volunteer to help, please contact Pamela Murcell, Megan Canright, or Gloria Chan, the 2016 conference co-chairs. Additional information will be available soon on the CIHC website and in future newsletters. Registration will open August 1, 2016.

## National AIHA Highlights

by Chris Laszcz-Davis, AIHA Board Director

### Important Dates:

**March 22:** OSHA Seeks Membership Nominations for NACOSH

**April 29:** OSHA Seeks Membership Nominations for FACOSH

**May 21-26:** AIHce 2016, Baltimore, MD

**May 21-26:** Stewardship Conference 2016

**October 22-26:** Fall Conference 2016, San Antonio, TX

### California Members in the News:

**Robert Bacci**, former President, Northern CA Section, is Conference Planning Chair for the 2016 Fall Conference in San Antonio, TX.

**Chris Laszcz-Davis**, former President, Northern CA Section and Past-President,

CIHC, was recently appointed to the international Occupational Hygiene Training Association (OHTA) Advisory Committee.

### Highlights:

**AIHA Strategic Priorities**—In the January edition of *The Synergist*, AIHA President, Dan Anna, PhD, CIH, CSP shared an in-depth look at the AIHA 2015–2018 strategic plan. The [new plan](#) is built around three strategic priorities: "influence," or informing decisions through collaboration, communication, education, and advocacy; "foster community," or connecting professionals who support our mission; and "enable," or supporting development of tools and technologies to meet the needs of the profession. The plan identifies six goals, each focusing on an area that supports one or more of these strategic priorities.

**Nancy Green, FASAE, CAE Appointed as AIHA Interim Executive Director**—With the departure of Executive Director Peter O'Neil, Nancy Green, FASAE, CAE, was appointed as the Association's Interim Executive Director. Green joined the staff of AIHA as Executive Vice President/Deputy Executive Director in October, 2015. She brings more than 25 years of experience in Association and nonprofit management to AIHA.

**Mark Milroy, CAE, Joins AIHA as Managing Director, Global Learning**—AIHA welcomed Mark Milroy, CAE, as the association's Managing Director, Global Learning. Milroy, who possesses extensive leadership experience in education programming and technical content, will play a major role in enhancing AIHA's education program. Milroy most recently worked as the Vice President, Learning, at the American Society of Association Executives (ASAE), the Center for Association Leadership. He previously held senior-level positions at APICS, the Association for Operations Management; the National Association for College Admission Counseling (NACAC); and John Carroll University in University Heights, Ohio. He is also a Certified Association Executive (CAE).

**Distinguished Lecturers Application Deadline Extended**—The deadline to submit an [application](#) for the [AIHA Distinguished Lecture Program](#) has been extended until February 15. The program focuses on providing lectures on national and international occupational and environmental health issues that affect the practice of industrial hygiene. The [AIHA Fellows SIG](#) is proud to host this program

that features prominent experts in industrial hygiene who are prepared to lecture on recent research and new developments and topics of interest that affect workplace safety and the environment. Applications are only accepted on an annual basis and the online process is easy! For more information, please contact [Thursa La](#), AIHA Program Manager, Professional Community.

**Call for Public Comment: Proposed ERPGs**—The Emergency Response Planning (ERP) Committee of the AIHA Guideline Foundation (AGF) has proposed values for Emergency Response Planning Guidelines (ERPGs) for [lithium hydride](#), [methyltrichlorosilane](#), and [phenyl isocyanate](#). The ERP Committee develops ERPGs for responding to potential releases of airborne substances for use in community emergency planning. The ERP Committee welcomes comments and suggestions of additional references or resources that could be provided for consideration. For more information, please contact [Laurie Mutdosch](#), AIHA Manager, Professional Community.

**AIHA Mentoring Program: Mentors Needed**—The mission of the [AIHA Mentoring and Professional Development Committee](#) is to engage, motivate, and empower IH professionals through mentorship opportunities, and to encourage the members of the industrial hygiene community to nurture the growth and development of industrial hygiene professionals.

Mentor matching is primarily based upon geographic location, professional interests, and personal interests and/or hobbies. Participants meet for at least one hour per month and maintain the relationship for at least one year. In order to obtain CM points, ABIH requires six hours per a 12 month period. Please contact [Thursa La](#), AIHA Program Manager, Professional Community.

**AIHce 2016 Registration Now Open**—[AIHce 2016](#) is being held in Baltimore, Maryland! This year, while [Stewardship 2016](#) is co-located with the conference, there is an all-access pass fee for AIHce attendees who wish to attend any Stewardship sessions. Please contact [Bethany Chirico](#), AIHA Director, Global Meetings and Expositions.

**Call for Volunteer Reviewers for NIOSH PtD Products**—The NIOSH Prevention through Design Initiative expects to have 3 to 5 educational modules available for external review later this spring and summer. The PtD Initiative would welcome your partnership as a potential external reviewer for a module. Though these modules can be used in many settings, the aim is undergrad design and engineering. Influencing education is a key element in pursuing a culture change -

where prevention of worker hazards is routinely considered up front in the design and planning efforts of business.

The subject matter area is as follows:

- Engineering Educational Module (Slide Deck, Instructor's guide): Agricultural Engineering
- Engineering Educational Module (Slide Deck, Instructor's guide): Capital Projects Process
- Engineering Educational Module (Slide Deck, Instructor's guide): Manufacturing and Industrial Engineering
- Engineering Educational Module (Slide Deck, Instructor's guide) - Not shown on the PPOP: Nanotechnology
- Engineering Educational Module (Slide Deck, Instructor's guide) - Not shown on the PPOP: Chemical Process Safety
- Capital Projects Processes web site (sample checklists, case-studies, guides – integrated into the design of a large facility).
- Business Case Developer Journal article and Developer spreadsheet.

If you are interested, please send an email to Jonathan Bach at [jbach@cdc.gov](mailto:jbach@cdc.gov). For a clear idea of the product, we invite you to download one or more of the [completed modules](#) (slide deck and instructor's guide).

**Volunteer Groups Seek Nominations for 2016 Awards**—Three AIHA committees are currently seeking nominations for awards that will be presented at AIHce 2016:

- AIHA Environmental Issues Committee [Rachel Carson Award](#). Submission Deadline: February 28, 2016.
- AIHA Nonionizing Radiation Committee [John A. Leonowich Award](#). Submission Deadline: March 1, 2016.
- AIHA Student and Early Career Professionals Committee [Golden Seed Award](#); to submit a nomination, please contact [Thursa La](#). Submission Deadline: March 28, 2016.

**AIHA 2016 Road Courses Announced**—AIHA road courses are designed to meet the educational needs of today's IH and OEHS professionals. Participants earn points and learn skills that can be applied immediately in their own practice. AIHA recently announced new dates and locations for two road courses.

- **Fundamentals of Industrial Hygiene** will be held twice in 2016 in Columbus, Ohio: April 18–21, and September 19–22. This four-day course is designed for OEHS professionals new to industrial hygiene or who have newly acquired IH responsibilities, and for those who

need a refresher.

- **Exposure and Chemical Monitoring—Beyond IH Fundamentals**, an intermediate three-day course, will be held October 3–5, in Columbus, Ohio. This course is designed to provide additional training and knowledge in industrial hygiene chemical monitoring through group exercises and discussion. For more information on AIHA road courses, or to register, visit the [AIHA website](#).

**CEC Accepting Membership Applications**—The AIHA Continuing Education Committee (CEC) is now accepting self-nominations for membership. The committee comprises 12 members who serve four one-year terms. The CEC's mission is to ensure quality educational opportunities that broaden knowledge, enhance technical competencies, and provide IHs with practical tools and skills. CEC members receive a variety of benefits, including free PDC registration(s) for auditing courses at AIHce. For more information, contact [Erin Breece](#), CEC staff liaison, or visit the [CEC Web page](#). Application deadline: March 16, 2016.

**Safety Matters Program**—NIOSH and AIHA partnered to promote two videos to promote the Safety Matters program (a short and long version). Safety Matters is a program to raise awareness among young people about workplace safety and health and to provide an understanding of the skills they need to become active participants in creating safe and healthy work environments. It is a one-hour interactive teaching module and PowerPoint presentation targeted to students in grades 7 through 12. CIHC is working with lobbyist in Sacramento to help define this in state law. Short version: [https://youtu.be/ZZXi1Wtj\\_4M](https://youtu.be/ZZXi1Wtj_4M); Long version: <https://youtu.be/rvl2wriu6hQ>.

**OSHA Seeks Membership Nominations for Two OHS Advisory Groups**—OSHA is seeking nominations for membership in two advisory groups: the National Advisory Committee on Occupational Safety and Health (NACOSH) and the Federal Advisory Council on Occupational Safety and Health (FACOSH). The agency is accepting nominations for six positions on [NACOSH](#), a 12-member committee that advises the secretaries of labor and health and human services on regulations, research, compliance assistance, enforcement, and other issues related to the Occupational Safety and Health

Act of 1970. The available positions include two public representatives and one representative each from management, labor, occupational safety, and occupational health. According to OSHA, committee members serve a two-year term and may be appointed to successive terms. Nomination deadline: March 22, 2016.

OSHA seeks nominations for three labor and three management representatives to serve three-year terms on [FACOSH](#), a 16-member council that advises the secretary of labor on the occupational safety and health of federal employees, including how to reduce injuries and illnesses and how to encourage federal departments and agencies to establish and maintain effective OHS programs. The new members would begin their terms on January 1, 2017. Nomination deadline: April 29, 2016.

**NIOSH Study Illustrates Scope of Illness Caused by Two Common Herbicides**—New NIOSH research indicates that, compared to other pesticides, a majority of herbicide-related deaths in the U.S. are caused by the common herbicides paraquat and diquat. Agency researchers reviewed combined data from 1998 to 2011 using three sources—NIOSH's Sentinel Event Notification System for Occupational Risks (SENSOR)-Pesticides Program, the California Department of Pesticide Regulation Pesticide Illness Surveillance Program, and the EPA Office of Pesticide Programs' Incident Data System—in order to describe the scope of illness associated with the use of paraquat and diquat in the U.S. According to NIOSH, this study is the first to examine the extent of illness caused by the two herbicides. The study is [available online](#). For more information, see NIOSH's [press release](#).

**MSHA Implements Second Phase of Respirable Dust Rule**—On February 1, the [Mine Safety and Health Administration \(MSHA\)](#) announced the implementation of Phase II of the agency's respirable coal mine dust rule. The final rule, which went into effect August 1, 2014, is intended to prevent black lung disease among coal miners due to exposure to coal mine dust.

Phase II of the rule requires underground coal mine operators to use continuous personal dust monitors (CPDMs) to measure dust levels in real time and monitor underground coal mine occupations exposed to the highest respirable dust concentrations, including all miners with signs of black lung. Operators must also collect an increased number of respirable coal mine dust samples and notify miners more quickly about the results of sampling. According to MSHA's [press release](#), CPDM sampling results must be posted within 12 hours of

the sampled shift and miners with evidence of black lung should be notified within the first hour of their next work shift. The rule is being implemented in three phases, with the third and final phase beginning in August 2016. For more information, visit [MSHA's website](#).

**Occupational Alliance for Risk Science (OARS)**—The [Occupational Alliance for Risk Science \(OARS\)](#) provides a forum for information exchange about exposure guidance for chemical stressors, methods for improving occupational risk assessments, and training opportunities. The OARS serves as the home of exposure guide values, and related guideline documents, for chemical stressors. These guide values and supporting documentation related to worker and community exposure levels for chemical and physical agents and stressors are published by the OARS. OARS is managed by the [Toxicology Excellence for Risk Assessment \(TERA\)](#).

- WEEL value and documentation for [2-Chloropropane](#) has been reaffirmed and is now available.
- Call for Public comment: revised WEEL values for [Diisobutylene](#), [Diethylene Glycol \(DEG\)](#), [Tetrachloropyridine](#), and [Trifluoroethanol](#). Public comment deadline: March 10, 2016.
- Call for Public comment: revised WEEL values for [Chlorosulfonic acid](#), [p-Hydroxybenzoic acid](#), and [Sodium Chloroacetate](#). Public comment deadline: March 21, 2016.

Please submit public comments to Ann Parker at [ann.parker@uc.edu](mailto:ann.parker@uc.edu) or fax to 513-558-7199.

**Putting an Ear to the Ground; NIOSH Study looks at Prevalence of Hearing Difficulty and Tinnitus among Workers**—A new study from the National Institute for Occupational Safety and Health (NIOSH) examines hearing difficulty and tinnitus as two potentially debilitating physical conditions that are prevalent in the United States, especially among workers occupationally-exposed to noise. Data from the 2007 National Health Interview Survey (NHIS), a collection of detailed self-report information on hearing difficulty, tinnitus, and exposures to occupational noise, were examined. Hearing conditions were compared among workers with and without occupational noise exposure, and across industries and occupations. The [study](#) was published by the [American Journal of Industrial Medicine](#) last week.

### **Oil and Gas Workers Suffering Hearing Loss at Double the Rate of Other Noisy Industries—**

*Source: CBCNews, British Columbia*—Drilling and pipeline work is noisy business and according to a new report it's taking an alarming toll on the hearing of workers in B.C.'s gas and oil industry.

In a bulletin [WorkSafeBC](#) says those oil and gas patch workers are experiencing noise-induced hearing loss at a rate of 33 per cent, over twice the rate of workers in other noisy jobs. The report is based on tests conducted in 2014 and notes that young workers are most likely to forego hearing protection devices entirely, with 27 per cent of those under 21 reporting they didn't use hearing protection. To learn more, read the [full article](#).

### **More Evidence That 'BPA-free' Plastic May Still Pose Risk—By Rachel Feltman;**

*Source: The Washington Post.* Most folks have heard of Bisphenol A, or BPA, a chemical found in many plastics and in the epoxy resins used to coat metal cans. Some research has linked the chemical compound to cancer, infertility, asthma, heart disease, developmental disorders and other health problems. As a result, many manufacturers have removed it from their products. But a new study adds to a growing body of evidence that one common alternative could be just as problematic. The [latest study](#), published recently in the journal *Endocrinology*, compared the effects of BPA on zebrafish embryos with the effects of Bisphenol S (BPS), a common alternative used in some (though not all) plastics labeled "BPA-free." The [American Chemistry Council](#) has previously expressed skepticism over BPA experiments using zebrafish, arguing that humans are only exposed to trace amounts of the chemicals through their diet and that these compounds don't accumulate in the body. To learn more, read the [full article](#).

**NYU Research: Secondhand Smoke Hazardous to Hookah Bar Workers**—According to the study, [Secondhand Hookah Smoke: An Occupational Hazard for Hookah Bar Employees](#), led by researchers at [New York University's College of Global Public Health \(CGPH\)](#) and [Langone Medical Center](#), workers at New York City hookah bars are inhaling hazardous levels of carbon monoxide and nicotine while at work, signaling yet another breach by their employers of New York City's anti-smoking bylaws. The finding of the study was published online in [Tobacco Control](#).