



CIHC CONNECTION

President's Message

by Pamela Murcell, MS, CIH



Pamela Murcell, CIHC President

Greetings Colleagues and welcome to Spring! CIHC is off and running on a very busy year! With the help of the Sacramento Valley local section, we had a very successful 3rd Annual Occupational Health and IH Summit in Sacramento on March 13th. The CIHC Board has started the planning for CIHC's conference, the 29th annual Professional Development Seminar, which will be held on December 4-6 (Wed-Fri) in San Francisco. I hope you will join us for what is shaping up to be another excellent program on current and cutting edge topics. Registration will open on August 1st. See below for more info.

The 2019 Legislative session is proving to be, yet again, a very busy one! Please see the summary bill report article in this newsletter provided by Cathy Barankin. The complete initial 2019 bill report is available on the CIHC website (<https://cihconline.com>). The Board members are tracking 40 bills from this year's session that may impact our profession.

Your CIHC representatives are continuing to participate in the Statewide Young Worker Safety Partnership. Thank you to Richard Hirsh for preparing an update for this newsletter. The

CIHC also continues collaboration with National AIHA on several issues including outdoor worker protection from poor air quality due to wildfire smoke, general government relations activities, Young Worker Safety Task Group, and Cannabis Industry Task Group.

The CIHC presented a written petition to the Cal/OSHA Standards Board in December (Petition 572) which requests consideration of much needed changes to the landmark Injury and Illness Prevention Program regulations to enhance the effectiveness of IIPP written programs for our State's workers. Please refer to <https://www.dir.ca.gov/oshsb/petition-572.html> for a copy of the petition. We anticipate a decision on granting or denying the petition at the May 16th Standards Board meeting. If you are interested in supporting Petition 572, please contact me and I will be happy to provide guidance on the process. Board members continue to attend Cal/OSHA advisory committee meetings and Standards Board meetings to stay apprised of their activities and to provide comments and technical input on behalf of our local sections and our profession. Of particular note, a very recent regulatory arena development – Cal/OSHA has been directed by the Standards Board to develop an emergency regulation on outdoor worker protection from poor air quality due to wildfire smoke.

The CIHC Board can always use assistance. Please consider getting involved, or at least send an email with your thoughts and concerns! Contact your local CIHC Board members or me (530-622-7196) for further information. All of our contact information is located on the CIHC website.

CIHC Board Members, including representation from Academia, Non-Profits, Industry, Consulting and Government

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Catherine Barankin

SAVE THE DATE!!!

December 4-6, 2019
CIHC Professional Development Seminar (PDS)
at the InterContinental Mark Hopkins, San Francisco

To all members of the California local sections of the AIHA and our colleagues – at our March 14, 2019, CIHC Board meeting, we started the planning for the 29th annual California Industrial Hygiene Council (CIHC) Professional Development Seminar (PDS).

Please keep the dates free for the 2019 CIHC PDS scheduled for December 4-6, 2019 at the InterContinental Mark Hopkins in San Francisco, CA (<http://www.topofthemark.com/>). Details for the PDS and hotel registration will be available soon at <https://cihconline.com/events>, where we will keep you up-to-date on the planning and program for the PDS. We look forward to seeing you in December in San Francisco!

Joel I. Berman, Chair



Capitol Report

by Catherine Barankin



The 2019 Legislative Session, the first half of a new two-year session, is off to a roaring start. With dozens of new legislators sworn in in January, I have been spending time meeting these folks and explaining what an Industrial Hygienist does for a living. With hundreds of new bills introduced in January and February, Pamela Murcell, our CIHC President, and I spent many afternoons going over the new bill introductions to decide which bills should be reviewed by our CIHC board members. At our board meeting in March we reviewed bills, took positions on those that were of relevance, and assigned board members to follow their progress and to take action to support those positions. March marks the beginning of committee hearings to decide the fate of these proposals.

There are a number of bills that we will be following, including bills dealing with ambulance employee safety, blood lead levels and lead based paint, air quality, Valley Fever, emergency preparedness, professional engineers, global warming, use of pesticides on school sites, and dozens of other topics are in the mix. To see the entire CIHC Legislative Report and specifics of these bills, go to our CIHC website, <https://cihconline.com/>.

As you know, the 2018 election has given us a new Governor, Gavin Newsom; Lieutenant Governor, Eleni Kounalakis (who also serves as the President of the Senate); State Controller, Betty Yee; and State Superintendent of Public Instruction, former Assemblyman Tony Thurmond. Xavier Becerra won a second term as Attorney General, and Alex Padilla won his second term as Secretary of State. New administrations mean new priorities, a revised list of budget goals, and new issues for legislators to tackle.

As you have no doubt read, the Legislature is also spending a considerable amount of time responding to federal mandates that are opposed by our state lawmakers, and the financial repercussions those positions will have on our state budget. These concerns will no doubt be a major focus during the development of our next state budget, which must be passed by June 15th.

And last, but not least, May is Young Worker Safety Month. CIHC will again sponsor a legislative resolution along with the California Partnership for Young Worker

Health and Safety to give the issue of safety for minors in the workplace some attention and to promote our responsibility to keep them safe from injury.

CIHC/AIHA-SVS Summit

by Joel I. Berman

On March 13, 2019, the 3rd Annual Occupational Health and Industrial Hygiene Summit was held in Sacramento, CA. This summit was sponsored jointly by the California Industrial Hygiene Council (CIHC) and the Sacramento Valley Section of the American Industrial Hygiene Association (AIHA-SVS). The day was a mixture of topics that included several Occupational Health and Safety presentations and a look into the Legislative process.

The Occupational Health and Safety topics included discussions related to Cal/OSHA's proposed Indoor Heat Illness Standard (which is now late based on a legislative requirement), Health Effects Advisory Committee (HEAC) process and PELs under consideration, Ergonomics, and the growing issues (pun intended) of the Cannabis industry. All four of these presentations were engaging and, especially related to the heat illness issue, several attendees stated that it was the clearest presentation that they have heard to date regarding this proposed regulation. Joel Cohen provided the heat illness presentation, and he, along with Joel Berman (both Joel's are CIHC Board members) have provided comments to Cal/OSHA related to the proposed standard. The Keynote luncheon speaker was John Howard of NIOSH, who presented on Artificial Intelligence and Worker Safety.

The Legislative Update, by our Legislative Advocate, Catherine Barankin, included a limited review of the current bills introduced in Sacramento that may affect our ability to practice our profession (which is a large part of the overall CIHC activities). Additionally, Gideon Baum, Principal Consultant to the Senate Labor and Industrial Relations Committee also spoke about the legislative process and his role in that process.

In summary, it was an enjoyable day, including a short interruption by a group of people walking by the outside of the building, playing musical instruments, protesting on an unknown issue. The interruption was short but amusing.

Thank you all who worked so hard to put on this summit, your efforts are appreciated. You can visit the [CIHC Archives](#) to see the full agenda, speakers, and links to their presentations.

California Partnership for Young Worker Health and Safety

by Richard Hirsh

The CA Partnership for Young Worker Health and Safety met on February 21st, 2019 at the CA Dept. of Education in Sacramento. Cathy Barankin represented CIHC at the meeting. Other attendees included representatives from the Labor Occupational Health Program (LOHP), California Dept. of Public Health (CDPH), the California Association of Work Experience Educators (CAWEE), California Dept. of Education (CDE), State Compensation Insurance Fund (SCIF), Equal Employment Opportunity Commission (EEOC), Dept. of Industrial Relations Commission on Health and Safety and Worker Compensation (DIR/CHSWC), Dept. of Industrial Relations Division of Labor Standards Enforcement (DIR/DLSE), EHS Inc., and Cal/OSHA.

Kelsie Scruggs of [LOHP](#) gave a presentation on the recently held Young Worker Leadership Academy 2019. YWLA 2019 Teams included: Youth United for Community Action (East Palo Alto, CA), South East LA Youth Source Center (Los Angeles, CA), Orosi High School (Orosi, CA), JR Wooden School (Reseda, CA), Norte Vista High Dreamers (Riverside, CA), and Woodside High School (Woodside, CA). The YWLA is funded by DIR CHSWC, with additional 2019 sponsorship from the California School Employees Association (CSEA), the California Teachers Association (CTA), Copper Point Insurance Companies, the International Union of Operating Engineers (IUOE) Local 12, Laborers International Union of North America (LIUNA), Pacific Compensation Insurance Company, the State Building and Construction Trades Council of California (SBCTC), and SCIF. A video of the event can be found at: <https://www.youtube.com/watch?v=cJhgDNRZodY>

Emely Heras of LOHP discussed the [young-workers.org](#) website analytics. The Work Permit page has the most page views. Most people find the website through search engines. Participants were interested to know whether there is data available to understand which materials are being downloaded. CAWEE plans to link their website to the work permit page. Regarding the work permit exam, a downloadable certificate is provided for those who pass the exam. One prospect would be for the Work Permit Quiz to be a required activity as part of YWLA team projects. While it is useful to provide a level of independence for YWLA participants when it comes to their planning time to create a community

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project after YWLA, the work permit quiz data and work permit quiz could be highlighted as a resource.

There was a willingness to explore the idea of having YWLA participants take the work permit quiz before and after they complete their community projects. It has been reported that some participants are working in roofing activities or may be in violation of other child labor laws. Having the Work Permit Quiz available in various languages (e.g. English, Spanish, Chinese, Russian, Tagalog) would be an improvement to facilitate youth, employers and parents to taking the exam. For CA K-12 schools, if a language group represents at least 13% of the student population, then materials need to be provided in that language. The Work Permit Quiz was recently translated into Spanish and a Spanish version of the "Are You a Working Teen?" factsheet is available. Partnership members could assist in getting these resources out to groups that need the Spanish version. If Partnership funding becomes available other translations of the factsheets are possible. It was suggested that the quiz should show users which questions they got wrong, in order to improve their performance when retaking the exam. While there is no specific version of the work permit quiz for parents or employers, they could be developed and advertised. One idea would be to utilize YWLA youth to provide feedback on the Work Permit Quiz.

Partnership member updates: CAWEE will be holding a conference on October 2-4, 2019. Career Technical Education (CTE) is the theme this year – promoting Work Experience Education (work plus class for credit) as a capstone class. The Request for Presentations is currently open. CAWEE has scheduled 6 dates for Work Permit Certification Workshops, available in Los Angeles, San Diego, and Fresno – more information is available on the website <https://www.cawee.org/>

EHS Inc. is currently partnering with University of California at San Diego Learning Institute for young adults that are interested in pursuing a career in construction health and safety. EEOC representative Linda Li presented at the fall Partnership meeting on EEOC's sexual harassment prevention initiatives, but due to the government shutdown, she did not have a chance to follow-up on any next steps identified. One idea was to connect with CAWEE around presenting at their October conference. SCIF is launching a New Online Safety Resource designed to help California employers protect their workers and build cultures of safety <http://www.safeatworkca.com/>. The new site fea-

tures a variety of safety-related resources, including:

- Workplace safety fundamentals customized for a variety of industries
- Safety meeting topics and plans
- Updates on legislative and regulatory changes that impact California businesses, such as Cal/OSHA's new accident reporting requirements and the new hotel housekeeping musculoskeletal injury prevention requirements
- 2019 Employer Education Series safety seminar schedule

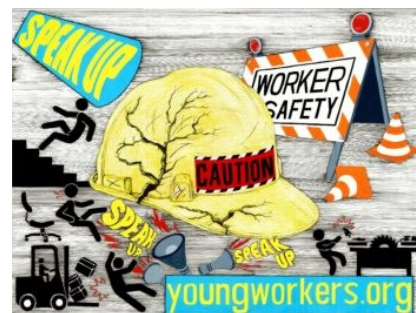
CIHC remains actively involved with the AIHA Teen Safety initiative with Diane Bush of LOHP and Richard Hirsh, CIHC Board member, participating in the national monthly calls. Diane shared a draft of the AIHA Teen Safety "Health and Safety for Youth at Work" flyer for employers. Local AIHA chapters are being encouraged to get their members out to school and community settings to conduct sessions concerning H&S for young workers. Diane has connected with the Northern California Section lead on this (Steve Hemperly) and has offered her services to other AIHA CA local section Teen Safety leads to assist with their efforts. One key challenge is how we as professionals can engage employers to support the effort to keep young workers safe?

Diane Bush gave an overview of two projects related to supporting safety and health education in career technical education. These include:

1. Training for teachers on the Youth @ Work curriculum (supported by Dept. of Education), providing 12-15 free workshops: "Keeping Your Students Safe on the Job for Linked Learning", for Career Technical Education, Career Pathway Academy, WorkAbility and other Work-Based Learning teachers. A workshop on how to teach 21st Century health and safety critical thinking skills using fun, participatory activities, with the [Youth @ Work: Talking Safety curriculum](#) is available from the National Institute for Occupational Safety and Health (NIOSH). Diane is sharing tools to help ensure that external field placements are meeting safety and health responsibilities to keep student learners safe. Diane also demonstrated the Safety Pyramid Game from the Youth@Work curriculum, which focuses on controlling hazards.

2. The Promoting Injury Illness Prevention Program (IIPP) critical thinking skills linked to OSHA 10 training. One gap identified in previous research is the lack of explicit training and practice in these programs to ensure that new workers have strong critical thinking and problem-solving health and safety skills. Diane is working on a small pilot project to develop teaching tools that can augment the OSHA 10-hour or other health and safety training, to help instructors address gaps in hazard recognition, hazard control, on the job problem solving and communication. LOHP is also developing a generic version of YOUR CONSTRUCTION SAFETY PROGRAM: SAFE STUDENTS, SAFE WORKERS: A Guide for Administrators & Instructors in Post-Secondary Career Technical Education (CTE).

It was mentioned that CTE Anchor standards, Work Experience Education standards, and other Work-based learning standards highlight the need to teach health and safety as part of these programs, but these need to be accompanied by details about how to do this along with a focus on emphasizing that these are critical thinking skills—not just passing a safety test. If we want employers to get involved, an effective message is that "Safety Pays". (Resource: World of Work, New World of Work <https://www.newworldofwork.org/>.)



Safe Jobs for Youth Month, 2018 First Place Poster created by Sofia Kim, Los Angeles, CA

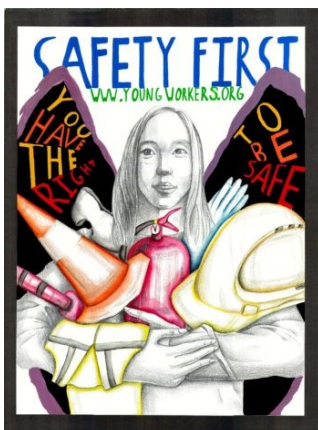
May is [Safe Jobs for Youth Month](#) (SJFYM). Kelsie Scruggs of LOHP gave a brief overview of past activities. The winners of the SJFYM Poster Contest 2019 will be announced in May and posted on the website; posters will be mailed to 1000+ high schools, plus libraries, Boys & Girls Clubs, etc. High school age interns from the CORO Fellowship Program have created a video for EEOC. Teens Lead @ Work (TL@W) peer leaders are currently hired by LOHP and paid through the Berkeley Youth-

YOUTH @ WORK
Talking Safety

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Works youth employment programs. TL@W youth could also work on a video if they develop the skills. For the SJFYM Social Media Campaign LOHP has asked Partners to complete a form indicating the ways in which they or their organization/agency can support SJFYM (i.e., city proclamation, press release). Cathy Barankin of CIHC volunteered to work on a 2019 Safe Jobs for Youth Month Resolution. The Partnership would like to secure a media presence and could use Partner support. A pre-made press release may be disseminated to Partners. LOHP may explore working with Oakland Youth Radio and KPFA radio stations and other outlets.

A discussion was also held on SJFYM activities and campaign ideas with a goal of completing this exercise by early April. CDE-funded teacher workshops could be targeted to participate themselves or through their students via contests (e.g., Work Permit Quiz participation rates; conducting hazard map activities and posting pictures to social media). A suggestion was raised to consider using a bit.ly link to track webpage use based on the outreach for a specific campaign- similar to the functionality of MailChimp. A PTA Newsletter article could be crafted. Additionally, an educational resource for employers could be developed in conjunction with the Chamber of Commerce, to include a message to the effect: "Be a safe place for youth to work" and "Are you ready?".



Safe Jobs for Youth Month, 2018 Second Place Poster created by Hannah Kim, San Ramon, CA

LOHP has written articles for parent newsletters and employer newsletters that could be reviewed and updated as necessary. These resources could be shared at CDE Teacher workshops. There are many good resources that could use more promotion, like the Sexual Harassment Kahoot Quiz and Work Permit Quiz. One suggestion was to create a webinar for employers of youth with the Oakland Chamber of Commerce

and Golden Gate Restaurant Association.

The Next Partnership Meeting is being scheduled for September in Oakland, CA date TBD.



Safe Jobs for Youth Month, 2018 Third Place Poster created by Brenna Manley, Oceanside, CA

Local Section News

Sacramento Valley Section

The Sacramento Valley Section is having their next meeting on May 8, 2019. This will be a lunch and technical presentation on the "Impact of Wildfires on VA Facilities". The speaker is Gus Ballis, CIH, of the Veterans Administration. Check out our website to register for this event and to get information on future events.

Orange County Section

"That Stinks!" is the title of the next OC-AIHA lunch meeting on April 30, 2019. Join us to gain some insights on investigating odor complaints. This event will be held at Ramboll in Irvine. RSVP to Yi Tian at ytian@ramboll.com.

Southern California Section

SCAIHA held a meeting on April 4, 2019, at the Orange Grove Bistro. At that meeting, the OCAIHA/SCAIHA Joint Student Scholarship (\$4,000.00) was presented to this year's winner, Zarreen Amin. Congratulations, Zarreen! This meeting was held immediately after the 14th Annual California State University, Northridge (CSUN) Environmental & Occupational Health Technical Symposium.

Save the date! The annual Southern California Joint Technical Symposium (JTS) will be on Wednesday, October 16, 2019, at the Carson Center in Carson. The JTS is now accepting applications for speakers. Additional information can be found at <http://www.caljts.com/>.

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in California
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Northern California Section

AIHA-NCS is holding our annual symposium on April 18, 2019, at the SLAC National Accelerator Laboratory in Menlo Park. A selection of speakers will be addressing the topic of "Legal Cannabis: A Blunt Discussion of Health and Safety Issues in the Emerging Cannabis Industry and the Impact of Legal Adult Use in the Workplace". We are also having a networking evening on June 19, 2019, at multiple locations around the Bay Area. Check our website for more info and to register for our symposium.

The most recent AIHA-NCS dinner meeting was on March 19, 2019, at Cornerstone Brewery in Berkeley. The evening including talks by Larry Sloan, CEO of AIHA, and technical talks from UC Berkeley students on their projects looking at international health and safety issues. You can see our photo gallery [here](#). AIHA-NCS also gave out the following student awards: Bernard D. Tebbens (Patton Nguyen), Robert T. Legge (Ladan Khandel), and the Charles H. Powell (Tessa Oliaro-Landgraf). Congratulations!

San Diego Section

Look for upcoming events and info on our website.

Members in the News

In December 2018, then-Governor Jerry Brown appointed CIHC Board Member, Nola Kennedy, PhD, CIH, to the Cal/OSHA Occupational Safety and Health Standards Board. Nola is the Chair of the Department of Environmental and Occupational Health at California State University, Northridge. The "Standards Board", as it is commonly known, sets the standards for Cal/OSHA and deals with legislation of health orders for the state. The board also maintains standards for some areas that are not covered at the federal levels.



Congratulations, Nola! Thank you for your past eight years of service to the CIHC Board.

National AIHA News

AIHce EXP 2019 is coming up May 20-22, 2019, in Minneapolis, MN. Click [here](#) for more info and to register. If you are not able to travel to this event, a great option is to join the Virtual AIHce2019 Conference. On your own or with a group, this is a cost-effective way to obtain several hours of continuing education credit for live participation and additional hours for watching the recordings. AIHA has options for the entire 3-day conference, one day only, and individual sessions. You can also choose to attend several virtual PDCs. Click [here](#) to learn more about pricing and the sessions being offered.

AIHA also offers a series of [webinars](#) that are available as live events and recordings. On April 25, 2019, Larry Sloan, AIHA's CEO, and Stacey Croghan, a founding member of the Women in Industrial Hygiene committee will present an [Introduction to Emotional Intelligence](#). Then on June 20, 2019, there will be a discussion on the [Requirements of the NFPA 652 Standard on Combustible Dust](#), presented by Vahid Ebadat, PhD, a member of the NFPA 77 Technical Committee on Static Electricity. Past webinars this year have included talks on the disinfectant peracetic acid, preparing the I/OH for highly hazardous communicable disease response, and taking charge of your IH career.

2018 Annual Professional Development Seminar Highlights from San Diego

by Pamela Murcell, CIHC President

The California Industrial Hygiene Council's (CIHC's) 28th Annual CIHC Professional Development Seminar (aka the Conference), held December 10-12, 2018, at the Hard Rock Hotel in San Diego, was very well received by over 200 attendees. We had record-breaking and exceptional sponsor and exhibitor participation, an all-time high for our event! The sponsors and exhibitors are a vital part of the event's success, and CIHC thanks them for their support! This outstanding annual event is made possible by the tireless work of our volunteers. The CIHC is indebted to their service.

Once again, our keynote speaker was Dr. John Howard, MD, Director of NIOSH. His presentation on "Occupational Robotics: An Emerging Field", was a highlight of the event.



We're on the web!
<https://cihconline.com>

The technical sessions covered a wide range of themes: "Today's Regulatory/Legislative Arena: Are You Prepared?", "Cannabis - Up 'n Smokin'", "Wildfire Response and Recovery", "Emerging Issues", "Construction Issues", and "Experiences from Seasoned OEHS Professionals: What I Know Now that I Wish I Knew Then". All of the sessions received high marks based on attendee evaluations! The program materials and presentation slide decks are posted on the CIHC website at <https://cihconline.com/archives/13-archives/24-28th-annual-conference-december-2018>

As mentioned on page 1, plans are underway for this year's conference to be held in San Francisco, December 4-6, 2019. If you would like to volunteer to help, please contact Joel Berman, Richard Hirsh or Joel Cohen, the 2019 conference co-chairs. Additional information will be available soon on the CIHC website, in email blasts, and in future newsletters. Registration will open August 1, 2019.

Upcoming Cal/OSHA Meetings

Upcoming Advisory Meeting for Proposing an Emergency Regulation to Protect Workers from Wildfire Smoke

May 8, 2019
10:00 a.m. to 3:00 p.m.
Harris State Building, 1515 Clay Street
2nd Floor, Room 1
Oakland, CA

In response to the Occupational Safety and Health Standards Board's [decision](#) on March 21, 2019 to GRANT Petition No. 573, Cal/OSHA will convene an advisory meeting seeking input on the development of an emergency rulemaking proposal addressing worker exposure to wildfire smoke. Persons interested in receiving announcements and updates pertaining to the advisory meeting, and persons interested in providing information and scientific data on employee exposure to wildfire smoke, control measure, feasibility, or costs may contact Deputy Chief of Health [Eric Berg](#) at (510) 286-7010 or Senior Safety Engineer [Amalia Neidhardt](#) at (916) 263-1944. More info is [here](#).

11th Health Effects Advisory Committee (HEAC) Meeting

June 4, 2019
10:00 a.m. to 3:30 p.m.
Harris State Building, 1515 Clay Street, Room 1304, Oakland, CA

This 11th meeting will be held in Oakland and is an open public forum to be attended by HEAC members along with any affected stakeholders or interested parties. The agenda includes a discussion of the [2019 Priority 1 substances](#) for HEAC review and additional discussion on benzophenone, turpentine, and n-butanol. More information can be found [here](#).

Advisory Committee Meeting on Electronic Submission of Workplace Injury and Illness Records

May 9, 2019
10:00 a.m. to 3:00 p.m.
Harris State Building, 1515 Clay Street, Room 1304, Oakland, CA

Cal/OSHA will convene an advisory committee meeting pursuant to California Labor Code section 6410.2(b) to evaluate how to implement the changes necessary to protect the goals of federal OSHA's [Improve Tracking of Workplace Injuries and Illnesses rule](#), as issued May 12, 2016. More info is [here](#).