



CIHC CONNECTION

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

President

Pamela Murcell, MS, CIH
Sacramento Valley Section

President Elect

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

Secretary

Megan Canright Rabinowitz, MPH, CIH
San Diego Section

Treasurer

Joel Cohen, MPH, CIH, FAIHA
Northern California Section

Directors

Gloria Chan, CIH
San Diego Section

Richard Hirsh, MPH, CIH, FAIHA
Northern California Section

Nola J. Kennedy, PhD, CIH
Southern California Section

Edward Klinenberg, PhD, CIH
Sacramento Valley Section

Grace M. Rinck, CIH
Southern California Section

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

Alternates

Laurel Davis, MPH, CIH
Northern California Section

Roxanne Fynboh, CIH
Sacramento Valley Section

Ann Graham, CIH
San Diego Section

Jaime Steedman-Lyde, CIH
Southern California Section

James L. Unmack, PE, CIH, CSP, 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 Pamela Murcell, MS, CIH



Pamela Murcell, CIHC President

I'm looking forward to another productive year as president of CIHC as we launch into our 28th year! On March 14th, we co-sponsored another successful one-day Summit with the AIHA Sacramento Valley Section in Sacramento. We had excellent technical presentations from Gino

Fazio, Dr. Cristina Banks, Chris Laszcz-Davis, and Mark Katchen, on the general theme of "The Future of Work-Related Health Issues", and we welcomed CDR Ryan Hill, Director, Western States Division of NIOSH as our lunch keynote speaker with a very interesting presentation on "California High Hazard Industries". We also had three sponsors for the March Summit - BSI, EMSL, and Industrial Scientific. We appreciate their support! CIHC would be honored to assist each of our CA local sections with local events, and I would look forward to providing in-person information at your local section meetings. Just let me know any time!



Assembly Member Ken Cooley provided some Capitol insights and answered attendees' questions.

Our mission statement continues to guide our work. We are able to accomplish CIHC's activities using a dedicated core group of representatives from each of the CA local sections, augmented by technical experts, and assisted by our legislative advocate, Catherine Barankin, 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 3-day conference and local section assessments as described in the CIHC By-Laws. In an attempt to better connect with our members, we have improved our communication strategies by sending out shorter, time-

sensitive email blasts that highlight our legislative/regulatory agenda, conference preparations, and local section activities.

The CIHC Board can always use assistance. Please consider getting involved, or at least send an email with your thoughts and concerns! There are opportunities in legislative/regulatory support and conference preparation. 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, www.cihconline.com.

From the Capitol

by Catherine Barankin

The 2018 Legislative Session, the second half of a two-year session, is off to a roaring start. Hundreds of new bills were introduced in January and February and March marks the beginning of hearings to decide the fate of these proposals. Bills carried over from the first half of session, known as two-year bills, have either passed out of their house of origin or have failed due to missed deadlines.

CIHC's Board met recently and reviewed new bill introductions pertaining to health and safety, and has taken positions on a number of these. Board members review the language of the bills, and make recommendations for action. They are also charged with tracking the progress of the bills and monitoring any amendments made to them. There are a number of bills which we will be following, including bills dealing with school safety plans, Valley Fever, Global warming and greenhouse gas, an odors pilot project, hazardous materials, occupational injuries and illnesses, lead exposure, cleaning products, worker's safety, air monitoring, toxic air contaminants, water quality and youth employment. To see the entire CIHC Legislative Report and specifics of these bills, go to our [CIHC website](http://www.cihconline.com).

In addition to the legislative work of the Senate and the Assembly, the leadership of both houses have had to deal with disciplining several members charged with sexual misconduct and harassment, which has led to a number of resignations. Senator Tony Mendoza (Artesia), Assemblyman Raul Bocanegra (San Fernando), and Assemblyman Matthew Dababneh (Encino) were found to be "substantially likely" to have committed offenses against staffers and others before and/or during their terms. Senator Bob Hertzberg, AKA Huggy Bear, has been reprimanded for excessive and unwanted hugging, but will remain in office. And finally, Assemblyman Sebastian Ridley-Thomas (Los Angeles) stepped down abruptly citing health issues.

continued from page 1

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 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 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 harm.

What is Coming on Permissible Exposure Limits?

by Jim Unmack, CIH

The [Health Effects Advisory Committee](#) (HEAC) held their 6th meeting in Oakland on March 6, 2018. The CIHC was represented at the meeting by Jim Unmack, CIH. The HEAC is developing a prioritized list of airborne contaminants with the aim of finalizing recommendations for at least 10 PEL per year. A [draft document](#) of those contaminants has been posted. The HEAC welcomes your participation in developing priorities for airborne contaminants to be studied and in setting exposure limits for airborne contaminants. The details for the next meeting have not yet been posted.

At the meeting on March 6, the HEAC reaffirmed the recommendation from the December meeting of a single value for all aluminum metal and insoluble aluminum compounds exposures, which would lower the Permissible Exposure Limit from 10 mg/m³ to 1 mg/m³.

After discussing hydrogen sulfide at the last three meetings, the HEAC recommended an 8-hour TWA PEL of 5 ppm and a 15-minute STEL of 10 ppm based on eye irritation. The HEAC recommends lowering the PEL for manganese from 0.2 mg/m³ to 0.02 mg/m³ based on neurological effects seen in welders exposed manganese in the welding fume.

The HEAC is addressing 2-butoxyethylacetate (2-BEA) and 2-butoxyethanol (2-BE) together because when absorbed into the blood, 2-BEA is rapidly metabolized to 2-BE. The HEAC recommended a PEL of 5 ppm for both 2-BEA and 2-BE based on the hematological effects of 2-BE.

Peracetic acid (PAA) was introduced to the HEAC at the September 2017 meeting and discussed at subsequent meetings. Even though there is no accepted OSHA or

NIOSH analytical method for PAA, the HEAC recommended a 15-minute STEL of 0.4 ppm and an 8-hour TWA PEL of 0.15 ppm with a skin notation. These are put forward to provide employers with guidance. Quantitation of workplace exposures offers some challenges. A proprietary direct reading portable instrument is available, though not appropriate for regulatory use. A proprietary analytical method is also available, but is likely to underestimate the true level of exposure.

California Partnership for Young Worker Health & Safety

by Richard Hirsh

CIHC serves as a member of the [California Partnership for Young Worker Health and Safety](#) and Cathy Barankin and Richard Hirsh participated in the partnership meeting held at the Department of Education in Sacramento on Wednesday, March 13th, 2018. The partnership includes representatives from CIHC, the Labor Occupational Health Program, the California Department of Public Health, the California Department of Education, the State Compensation Insurance Fund, the Department of Industrial Relations (DIR), the DIR Commission on Health and Safety and Worker's Compensation, the California Workforce Association (CWA), Workability, Worksafe, the DIR Division of Labor Enforcement, and the Employment Development Department (EDD) amongst others.

One of the Partnership activities is to organize the annual [Young Worker Leadership Academy](#), which was held on February 1-3, 2018. The Academy involved 24 new



youth, 6 youth mentors from previously held Academies, and 7 adult advisors. This 3-day event involves teams of teenagers from various high schools and youth groups throughout California and includes several planned projects

and presentations including:

North Monterey County High School (Castroville, CA) plans to spread awareness through a school assembly May 1st (International Workers' Day). The team plans to incorporate the Hazard Mapping and Safety Pyramid activities, create a Kahoot Game, and show videos.

Santa Ynez School (Santa Ynez, CA) plans to develop a workshop that includes the Jeopardy Game and create a Kahoot Game to train youth in their school Avid program.

Youth Connections (Santa Rosa, CA) plans to develop short videos on workplace sexual harassment scenarios and create a Kahoot Game for youth at Youth Connections, and potentially other local high schools.

Norte Vista High Dreamers (Riverside, CA) plans to develop a brochure and wallet cards on what to do if a worker is injured on the job as well as create a hazards scavenger hunt activity for students in their school that are working to support their families.

Garfield High School (Los Angeles, CA) plans to develop a 3-hour presentation on immigrant and undocumented worker rights. Also interested in attending the Eastside Stories Conference in May with Hector Flores at UCLA LOSH and educating parents with info on undocumented workers.

Youth Build Charter School (Compton, CA) plans to develop a 3-4 hour workshop with "safety passports" and a hazard identification game for local youth and youth at other Youth Build Charter Schools.

A Work Permit Quiz has been developed to help youth understand their rights and employer responsibilities when they attempt to obtain a work permit. The Work Permit page has been the most popular page on www.youngworkers.org. The Work Permit Quiz has been attempted 5,987 times between mid-2015 and early 2018—roughly 2,500 times in the past year.

CIHC has been assisting with work to promote a Young Worker Bill of Rights/Policy Initiative. Richard Hirsh spoke about the AIHA Teen Workforce Safety Task Force Action Plan and Safety Matters. AIHA is requesting an education outreach coordinator from each AIHA local section, to promote young worker health and safety activities. AIHA aims to develop coalitions nationally—working toward policy changes at the local level, secondary targets are legislatures and federal agencies. AIHA is recruiting volunteers to present to local school boards and promote the Safety Matters curricula; local efforts to be reported nationally. The partnership also discussed 2 legislative initiatives. One is [Senate Bill 1428](#) which is being proposed by Senator Mike McGuire in an attempt to eliminate work permits for youth during the summer. McGuire previously proposed extending work hours for youth working in packing plants.

The second is related to a [Youth Decoy Retail Data Collector](#) which is a program funded by the California Department of Public Health employing youth in Fresno

continued from page 2

County to try to illegally purchase tobacco products from employers. The partnership collectively thought this was a dangerous job with potential workplace violence implications and should not be done by youth however the website is still up and actively recruiting youth to participate via the Boys and Girls Club. Similar efforts in the past have not held up in court, and was considered entrapment.

The Partnership discussed what role they should play in responding to proposed bills or youth job models that they support or do not support. It was decided that Nick Loret de Mola, a CWA representative, will reach out to Senator Mike McGuire to discuss the proposal. Additionally LOHP will send emails to Partnership members with links to both issues. LOHP will also prepare and send a letter on each issue, on behalf of the Partnership, expressing concerns from the young worker health and safety perspective. The partnership also discussed next steps re potential legislation on a bill of rights for children to include young worker health and safety language. Senator Pan's legislation on the rights of children is not moving forward and he has called for the creation of task forces to examine the issue further. Other potential legislators who may be interested in assisting to promote this legislation.

Safe Jobs for Youth Month is this May and the partnership hopes to have a sponsor for a resolution as was done last year. Two prospects are Sharon Quirk-Silva (65th AD, Orange Co) and Autumn Burke (62nd AD, Westside and So Bay, LA County). Cathy Barankin (CIHC) volunteered to edit the 2017 Safe Jobs for Youth Month Resolution and follow up with Assembly member Sharon Quirk-Silva's Office and/or Autumn Burke's Office to gauge their interest in introducing the resolution. Nick Loret de Mola (VWA) volunteered to work with LOHP and Cathy Barankin (CIHC) to strategize around Safe Jobs for Youth Month events (e.g. Resolution, Good Day, or other Sacramento Press Event).

The Safe Jobs for Youth Month 2018 will include Poster and Social Media contests. Winners will be announced in May and posted on the Partnership website. A new Social Media Contest will be hosted on Twitter, Facebook, and Instagram in May as part of #NationalPhotoMonth, an ongoing event many youth engage in. The plan is to use social media polls to engage people in the contest through voting for winners. Prizes for weekly winners will include Amazon or iTunes Gift Cards.

Other activities include:

- A CA Partnership Flyer is in draft form and will be finalized soon for use in

reaching out to organizations the partnership hopes to work with. The flyer is designed to showcase the Partnership work, its impact, why the issue is important, and what is needed for young workers.

- The Employment Development Department is planning a youth job fair at the Sacramento Food Bank May 10th, 2:00-5:00 PM.
- WorkSafe announced they are currently working on "Temp Workers Bill of Rights" legislation that would support temporary and contingent workers. Legislation may include scheduling support language similar to the San Francisco Retail Workers Bill of Rights; scheduling is also on the Partnership's Young Worker Bill of Rights.
- CWA is working with EDD/Vocational Rehab Dept, using workforce development funding to assess and provide job support/training to individuals who have disabilities- they are being given all of the tools that everyone is being offered to workers. CWA also has funding for working with formerly incarcerated youth (age 16-24)—focusing on under 18, getting them back in school, helping them understand profit/loss on temp jobs versus having an education and full-time consistent work.
- LOHP announced the completion of their 3-year NIOSH research project focused on improving safety and health education in Career Technical Education at community colleges. LOHP has developed a guide for administrators and instructors. Much of the information is applicable to high school level programs. A guide has been developed entitled Your Construction Safety Program Safe Students. Safe Workers: A Guide for Administrators & Instructors in Post-Secondary Career Technical Education (CTE). One important factor in the guide is integrating the OSHA information in a way that is helpful. Programs liked that youth received the "OSHA 10 Card".

Adventures in Future Leadership

by Megan Canright, MPH, CIH

We all have experiences that have resulted in pivotal changes in the course of our lives and careers. Perhaps I would have become a wildland firefighter if had I graduated from college in time to attend try-outs for the upcoming fire season. And I was SO close (at least in my 22-year old fantasyland brain) to taking up snow-

boarding for a living until that fateful injury that put me out of commission for two seasons. Alas, I was never destined for such greatness! Though, I hear my mother is grateful for my more risk-averse choice in profession.

For me, my eventual career choice and pathway to leadership was one that was much more subtle and far less publicized than the Women's Slalom. The phrase "I want to be an industrial hygienist when I grow up!" never escapes most childhood lips (CIHC and other organizations are working on that!), and I am no exception. However, my career and professional experiences in health, safety and environment have been some of the most rewarding of my life thus far.

One of the most rewarding experiences of my personal and professional life to date has been my attendance at the [American Industrial Hygiene Association \(AIHA\) Future Leaders Institute \(FLI\)](#). I was honored to have been selected to attend in 2011. FLI is an AIHA sponsored program, funded by the [American Industrial Hygiene Foundation \(AIHF\)](#), which places early to mid career professionals of varying backgrounds, experiences, and personalities together in a 2-3 day course on leadership. The program focuses on four leadership perspectives: interpersonal, organizational, collaboration and teamwork, and management of the future.

Students of the program participate in a very dense and information-packed course which includes classroom lecture, solo and interactive workshops and exercises, and bonding activities to help students understand their own professional personalities, strengths, weaknesses, and style as it relates to leadership. Each student completes a DISC® profile questionnaire, which helps to identify professional personality traits. Those of you who know me will guess correctly that I am a very high "C". Yet, you may be surprised that I also exhibit strong "I" and "D" traits. In a nutshell translates to: "data-driven



2011 Graduation Class of FLI at the B&O Railroad Museum

continued from page 3

perfectionist who can be emotional at times and is terrified of failure but masks it well by bringing the party.”

Through FLI I learned to leverage my strengths (“focused”, “systematic”, “risk-taker”, “enthusiastic”) to interact with others of differing personalities and work styles. I learned how to improve upon my weaknesses (“demanding”, “restrained”, “afraid of failure”) or at least to acknowledge and be aware of them when I am working with others to facilitate a more effective collaborative relationship. Ten years ago I was terrified of admitting I was afraid to fail; now here it is in black and white print for the IH community to read. I



2011 FLI Graduates Jacob Persky and Megan Canright attending the British Occupational Hygiene Society Gala

learned the skills to not only recognize and embrace my own strengths and weaknesses, but also those of others so that focus can be placed on how to communally utilize strengths to accomplish goals. These lessons have been invaluable to me in identifying key business objectives, resolving conflict, making strategic decisions, and understanding how the human component fits in to the greater picture in my profession.

The relationships that I forged with other FLI attendees from around the world on all seven continents have blossomed into professional resources and personal friendships that will persist for my lifetime. Through these relationships my career has been opened to pathways I never thought possible, from traveling the world and speaking at international conferences, to collaborating with industrial hygienists who span generations to push new ideas in the

profession forward. In the aftermath of applying what I’ve learned at FLI, I have come to realize that true leadership is not necessarily paving the way forward so that others can follow, but to encourage and teach others how to pave their own unique way.

The American Industrial Hygiene Association Future Leaders Institute is being held in Washington, D.C. from September 21-23, 2018. While the deadline for application to the 2018 FLI class has now passed, there will be many more FLI programs and associated leadership courses to come. Please continue to check the [AIHA FLI webpage](#) for more information on future programs.

Thank you to the American Industrial Hygiene Foundation, the American Industrial Hygiene Association, and the Stephen C. Davis Memorial Scholarship Fund for funding, organizing, and supporting this important program. If you would like to consider a donation to FLI, please click [HERE](#). If you would like to donate the Stephen C. Davis Memorial Scholarship Fund, which helps to fund international student participation in the program, please click [HERE](#).

Professional Development Seminar Highlights

December 4-6, 2017 San Francisco
by Pamela Murcell, Joel Cohen, and Richard Hirsh, 2017 Conference Co-Chairs

The California Industrial Hygiene Council’s (CIHC’s) 27th Annual CIHC Professional Development Seminar (aka the Conference), held at the JW Marriott Hotel Union Square in San Francisco, was very well received by almost 200 attendees. We had record-breaking and exceptional sponsor and exhibitor participation, an all-time high for our event! This outstanding annual event is made possible by the tireless work of our volunteers. The CIHC is indebted to their service.

At the 2017 PDS, Dr. John Howard, MD, Director of NIOSH, was once again our key note speaker, and presented on “Industry 4.0: Evolving EHS Practice”, a highlight of the event. The technical sessions covered a wide range of themes: “Today’s Regulatory/Legislative Arena: Are You Prepared?”, “Emerging Issues”, “Case Studies in Protecting Worker Health & Safety in the Global Economy”, “Tomorrowland: The Future of IH”, “Legal Issues and the CIH Role”, and “Ethics for IH Practice”. 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/20-27th-annual-conference-december-4-2017.

Plans are underway for this year’s conference to be held in San Diego, Monday through Wednesday, December 10-12, 2018, at the Hard Rock Hotel San Diego in the always popular Gas Lamp District. If anyone would like to volunteer to help, please contact Joel Berman, Richard Hirsh or Gloria Chan, the 2018 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, 2018. We look forward to welcoming you to this year’s event!!

Local Sections News

Northern California Section. Technical Symposium: *Dangers on the Horizon-Are we Prepared?* April 26, 2018, 8:00 am - 4:30 pm. South San Francisco Conference Center, 255 South Airport Blvd., South San Francisco

Sacramento Valley Section. Meeting and Technical Presentation, topic: “Valley Fever” presented by Dr. Mark Nicas of UC Berkeley, Tuesday, April 17, 2018, noon to 2:30, DOSH Training Center, 2424 Arden Way, Suite 450, Sacramento

San Diego Section. SDAIHA holds bi-monthly presentation meetings, training events, and/or tours every third Wednesday starting in February.

Southern California and Orange County Sections. Save the date! The [Southern California Joint Technical Symposium \(JTS\)](#) will be held on Wednesday, October 17, 2018, at the Carson Center in Carson, California. The JTS has grown organically and impressively to become the Premier EHS Symposium of Southern California. Two founding AIHA sections ([OCAIHA](#) and [SCAIHA](#)) continue to sponsor the JTS each year along with two ASSE chapters. Join us for the day!

**Support Industrial Hygiene
in California**

**Support your
AIHA Local Section**

**Become a member
Attend a meeting**

Share your knowledge